

**SELF STUDY REPORT
(SECOND CYCLE ACCREDITATION)**

SUBMITTED TO

**THE NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL
BANGALORE-560062**



**SREE KRISHNA COLLEGE
ARIYANNUR-680102
GURUVAYUR**

(AFFILIATED TO THE UNIVERSITY OF CALICUT)

MARCH 2017



COLLEGE AT A GLANCE

SREEKRISHNA COLLEGE, GURUVAYUR

ESTABLISHED IN 1964

Type of College	: Post-Graduate Arts, and Science College Affiliated to University of Calicut
Student Strength	: 1600
Number of Programmes	: 13
Number of Departments	: 13
Number of Courses	: 13 Under Graduate Courses : 5 Post Graduate Courses
Certificate Courses	: 15
Faculty	
Permanent	: 51
Guest Lecturers (Government)	: 27
Guest Lecturers (Self financing)	: 4
Guest Lecturers (FDP)	: 1
Administrative Staff	: 26
Post Doctoral Fellowship Holders	: 6
PhD holders	: 26
MPhil holders	: 6
UGC Minor Projects	: 10

Research Guides : 5
Research Centre : 2
Research Scholars (PhDAwarded) : 3
Co-curricular Units : 3 (NCC, NSS, Sports)
Club, Association, and Cells : 15
Administrative and Academic Councils: 3 (College Development Council, College Council, IQAC)
Support Group : 3 (PTA, Management, Alumni)

CONTENT

Preface	
Executive Summary	1-8
Profile of the Institution	9-14
Criteria- wise analytical report	
Criteria 1 Curricular Aspects	15-47
Criteria II Teaching Learning and Evaluation	48-88
Criteria III Research Consultancy and Extension	89-155
Criteria IV Infrastructure and Learning Resources	156-177
Criteria V Student Support and Progression	178-216
Criteria VI Governance, Leadership and Management	217-243
Criteria VII Innovation and Best Practices	244-275
Evaluative reports of the Departments	
Department of English	276-287
Department of Economics	288-295
Department of Malayalam	296-303
Department of Sanskrit	304-313
Department of History	314-325
Department of Botany	326-334
Department of Physics	335-346
Department of Chemistry	347-355
Department of Bio-Chemistry	356-364
Department of Mathematics	365-374
Department of Zoology	375-381
Department of Commerce	382-391

Department of Functional English

392-401

Certificates

402

न हि ज्ञानेन सदृशं पवित्रमिह विद्यते ।

**“IN THIS WORLD, THERE IS NOTHING
AS PURIFYING AS DIVINE KNOWLEDGE”**

PREFACE

Guruvayur Devaswom, the management blessed with the onus of managing SreeKrishna temple, established a temple of learning in 1964 in the thirty one acres sprawling campus at Ariyannur for perpetuating the elixir of “Jnanayoga” to bring about the holistic development of the youth. The college having two Research Centres, five PG programmes, and thirteen UG programmes is affiliated to Calicut University and is under the management of Guruvayur Devaswom whose members are appointed by the State Government. The inception of the college also witnessed the realization of the long cherished dream of the people of Guruvayur to have a co- educational centre of higher learning with special focus on the promotion of Sanskrit. The college has evolved for the last five decades into a centre of higher education catering to the needs of the youth of the region and molding them to serve the nation in diverse realms the infrastructural facilities on offer is at par with the facilities available in all major colleges of the state. Sports and Athletics get laudable promotion in the institution in the presence of two of our students in the Olympics is an achievement only few colleges in the country can boast of. The institution sworn to serve the community around and all the practices and certificate courses designed by the institution take into serious consideration the social responsibility of the students. The institution has special programmes intended to bring the marginalized sections into the mainstream of academic activities. The effectiveness of the academic procedures stand amply demonstrated through our alumni who have distinguished themselves at various levels. High court judges, religious heads, MLAs, local body heads, Municipal chairpersons, Pro Vice Chancellors, Scientists, Academicians, entrepreneurs, social workers of eminence, high Government officials, University Union office bears, Syndicate and Senate members and Olympians, cine artists, prominent writers, national award winning film directors, media persons

and Javans have made the institution proud with their contribution to the society at large. Innovative practices carried out by the college have deep academic and social relevance. All academic activities are carried out with a committed team of faculty, most of whom are PhD holders perusing Post Doctoral studies and dedicated to the perpetuation of the vision and mission of the college. The institution has vibrant organizations like NSS, NCC Nature Club and umpteen other forums and clubs that strive to instill the spirit of nationalism, inclusiveness, environmental responsibilities, civic sense, humanism, and other character building traits. The college has commendable academic achievements in the form of University toppers in various disciplines, though special reservations for socially and economically backward sections are offered at the time of admission. The college has glittering achievements in the field of fine arts and won numerous prizes at the University level and efforts are taken to familiarize the students with traditional art forms and special area gains. The practice of organic farming and the programme “Annapoorna” has come in for high praise from the community around. College shares its expertise in diverse fields with all the stake holders and the academic community. “Walkathon” programmes are organized to promote a sports culture among the community around and to provide them with health tips to make them lead a healthier life. Rain harvesting, conservation of energy preservation of the eco fabric of the campus , innovative training methods to mould dope free Athletes of international caliber and an array of educationally and socially significant programmes carried out by the college have been much appreciated. The institution has well drawn roadmap for the next decade, the ambitious targets having received the “go ahead” signal from the management. Installation of solar panel, “state of the art” sports facilities, research centres for all PG Departments with linkages and collaborations, more job oriented UG and PG programmes, better infrastructural facilities and few other dream projects expect their fruition through the patronage of UGC and the College management.

EXECUTIVE SUMMARY

CRITERIA 1 CURRICULAR ASPECTS

The college has the right ambience for learning and offers thirteen UG Programmes, five P G Programmes and two departments have Research Centres. The college has clearly defined motto, vision, mission and set of objectives reflective of its commitment to the society. Highly qualified faculty make the best use of the infrastructural facility for the effective implementation of the curriculum. The college gets the support of the University and management for the meaningful translation of curriculum. Certificate courses compatible with the needs of the students make them better employable. Good rapport is maintained with all stakeholders and employer feed back facility is available in the official website. The automated library with fifty five thousand books on the shelves also supports the effective implementation of the curriculum. Staff and students of the college play significant role in the development of the curriculum in their capacity as PVC, Chairman of Board of Studies, Senat members, Syndicate members, and members of Board Of Studies. IQAC is vibrant and strives to improve the quality of curriculum translation. Though University syllabus give little space for flexibility, college uses the autonomy allowed in the selection of electives in a judicious manner and designs certificate courses, ensuring its compatibility with the needs of the students. Students are given training in soft skills and IT are given guidance in choosing their career and placements are recorded to the meritorious through the placement cell. Staff and students are given refundable prepublication fund and refundable advance for major and minor projects. Additional skills and value education make the students employable with sharpened civic sense. NSS NCC various clubs forums and the physical education department instill the spirit of nationalism, social responsibility, environmental friendliness and sports culture among students. Parental suggestions and student feedback are used to improve the quality of curriculum implementation.

CRITERION II

TEACHING - LEARNING AND EVALUATION

Academic excellence, skill development and development of personal activities are, the ideals that the college, committedly stands for. The institution gives wide publicity to the admission process and admission is strictly regulated by the norms of the Government and University.

The admission committee and IQAC reviews and analyses the profile of the students admitted to the College. Induction programmes and orientation programmes are being conducted for the newly admitted students and their parents. Tutorial system is promoting of social inclusion, support for differently abled, economically and socially backward students are the specialties of the institute. Staff Council with the support of IQAC organizes all academic activities. Learner- centered teaching methods are promoted. In addition to that, advanced methods are employed in the teaching and learning process. The college an efficient system of student feedback and there is facility for employer feedback on the official website of the College. The faculty recruitment is based on merit and the college has a team of talented teachers. Most of them have obtained PhD and a few others pursuing Post -Doctoral studies.

Evaluation is done in a very objective and efficient manner in accordance with University norms. All possible efforts are being taken to achieve the intended learning outcomes. The barriers of learning are identified and corrective steps are taken to overcome them by modifying pedagogical methods.

CRITERION III

RESEARCH, CONSULTANCY AND EXTENSION

Multi-disciplinary academic activities are promoted by the college that houses two research centres. The institution has a research committee which monitors all research activities of the college. Major and Minor research projects are undertaken by the faculty members of the institution and financial assistance to start research projects has been instituted since 2016. The management encourages invited talks by eminent scholars and all allied research oriented programmes. Three scholars guided by our faculty have been awarded and seven research scholars are pursuing PhD at present in the research centres of the college. Few of our faculty has been awarded Post-Doctoral research fellowships and one had completed his international internship under FLAIR programme of Government of Kerala.

Research labs of the College have “state of the art” facilities and scholars can avail free internet connectivity. Fully automated library makes available rare reference books and international journals. Books, chapters in edited books and numerous national international level papers have been published by the faculty. Our faculty has presented their research findings in various conferences. Botany department has come out with findings that can lead to path breaking medicinal products. Dr. Udayan P. S. has been honoured with a new plant species being named after him. Dr. Vishnu R., an expert in disaster management is engaged in the study of lightening and is considered to be one of very few experts in this area. Faculty, students and all interested members of the community get an opportunity to project their thoughts on the topics in a meaningful manner. Consultancy services are coordinated by the faculty with the support of the Head of the Institution and the institution willingly shares its expertise for the benefit of the society. Remunerative and non-remunerative relation with the University and informal rapport with industries are maintained for the sharing of expertise. NSS, NCC, and various forums and clubs are the operating wings of the institution for all outreach programmes of social relevance. The faculties have association with various research institutions both at national and international level in their research works and publication of their research findings. The research department have tie up with reputed institutions to augment their research activities.

CRITERION IV

INFRASTRUCTURE AND LEARNING RESOURCES

The Administrative Office, 13 departments (including 5 PG and 2 Research Departments), Auditorium, Seminar Hall, Library, Men's and Women's Hostel, Fitness Centre, Canteen, and Nationalised Bank are accommodated in the 31 Acre campus. The main library is augmented by department libraries. There are about 55000 books in the library which is fully automated. Online Public Access Catalogue (OPAC) facility at the Library gives information on availability of books. Library is equipped with the N-List INFLIBNET and National Digital Library (NDL, MHRD) facility. College offers accommodation for male and female students, so as to get a better learning environment. Men's Hostel accommodates Sports-students (sanctioned for Athletics by the State Sports Council) and Lakshadweep students. The Hostel Facility enables students to avail the free Boarding and Lodging grant of the Government. Sports and games are facilitated through the space set apart as Football court, Cricket ground and Badminton court. Departments are provided with Desktop/Laptop, Printer, LAN and Intercom facility. The campus is Wi-Fi enabled. A nationalized bank functions in the campus. Prime importance is given to the maintenance of campus facilities. All equipments are purchased with warranty. All computers have UPS backup and laboratories have generator backup. A 45 kV generator is deployed to power up the main blocks of the college. Water supply within the campus is kept in balance with independent wells.

CRITERION V

STUDENT SUPPORT AND PROGRESSION

To achieve greater objective of our institutions, the college has NCC, NSS, various clubs, department associations along with Career Guidance Cell, Placement and Training Cell, and programmes like Walk with a Scholar and Scholar Support Programme. Student mentoring through WWS assist the growth of bright students while the learning disabilities of slow learners are identified and solved through activities like remedial coaching, peer teaching and Scholar Support Programme.

Annually updated handbook with all the necessary information regarding the institution is provided to students and staff. Institution arranges special support services to SC/ST, OBC and economically weak students. Physically handicapped students avail scholarships, service of scribe and necessary arrangements are made for their easy movement in the campus.

Seats are allotted for overseas students with complete fees concessions and lodging facilities in the college hostel. Physical Education Department effectively trains our students to participate in regional/state/national and international level competitions. Complete medical assistance is provided by the institution for all the accidents and casualties that happen within the college premises. Students have linkages with reputed institutions, universities, libraries, research centres, factories, archives and museums. The college magazine is published every year under the supervision of magazine committee. The Entrepreneurial Development Club conducts talks and interactive sessions with the successful entrepreneurs to help the students to acquire new ideas. Career Guidance and Placement Cell provides valuable information to students regarding various avenues of higher education, career planning and employment opportunities. ASAP and various certificate courses help to students to acquire additional skills. A six-member Student Grievance and Placement Cell have been constituted to look into the grievances of students and take necessary actions to resolve them. The Committee against Sexual Harassment in the college is pledged to handle issues of sexual harassment. Anti-ragging Committee has been setup in accordance with the guidelines provided by the UGC to avoid instances of ragging. Coaching classes for competitive examinations, spoken English and communication skills are also arranged. Special support is provided to students who are at the risk of failure and necessary actions are taken to reduce dropout rate. The college has a very active students Union constituted

through presidential mode of election. Through KRISP, our alumni association cordial relation is maintained with the alumni and regular meetings are convened. The institution effectively utilizes the academic expertise and potential for the academic and non-academic growth of the college.

CRITERION VI
GOVERNANCE, LEADERSHIP AND MANAGEMENT

Guruvayur Devaswom established SreeKrishna College in 1964. The management committee of Guruvayur Dewasom comprises of nine vibrant and responsible members out of which six are directly nominated by the Government of Kerala. The management committee is also very particular and keen in providing necessary infrastructure for enhancing quality of education of the institute. The representatives of the management frequently visit the college to give suggestions for improvement. The faculty members, well qualified with international exposures are very keen in providing all available opportunities for students in developing their career and life.

The management, staff and students are committed to achieve the well stated quality policy of the college. The vision, mission, and objectives are very well executed under the supervision of the Principal. The students are very well taken care of in their academic and non-academic endeavors. IQAC monitors all programmes intended to improve the quality of academic activities. Innovative practices that are linked with the professed objectives of the college are masterminded by the IQAC in consultation with staff council and the College Principal. IQAC also oversees the annual academic audit and mix necessary suggestions for qualitative improvement. The Research Committee of the College with the sanction of the Principal and management has instituted a “Seed Money” facility for completing the initial procedures of project submission and research publications. Management provides required administrative support for all research related activities of the faculties. The college gives all possible support for the professional development of teaching and administrative staff.

CRITERION VII

INNOVATIVE AND BEST PRACTICES

Maximum support is given by the college in developing environmental consciousness among the students and the community around. Practice of organic farming, nature campaigns, and novel initiatives like the green campus mission, green audit, and classification of fauna go a long way in making the campus eco- friendly. Environmental day is celebrated with befitting programmes. The rocky nature of the soil is taken into account in the planting of medicinal plants in the herbal garden maintained by the Botany Department. The preservation of *Manjulal*(Banyan tree)and the trees of Vengad, the most revered trees of the temple premises was done by the Botany Department, much to the delight to the devotees.

Among other things, certificate courses serve to improve skills and employability of students. The college also practices numerous innovative pedagogic methods. Various committees effectively function in the college. The college has a system to support the marginalized sections and help the students identify their future course of action and to get adequate placements. Extension programmes spear headed by NSS, NCC and other forums in association with numerous philanthropic institutions help the needy sections of society. The most highlighted best practices of the college are organic farming done in the campus and the mission to serve the hungry and needy that has been rightly captioned as “*Operation Annapoornna*”.

PROFILE OF THE COLLEGE

Name and Address of the College :	Sree Krishna College, P.O. Ariyannur Pin – 680102, Guruvayur
Year of establishment:	1964
Name of the Principal:	Sri. D. Jayaprasad
a) Telephone No.	04885 235027
b) Official E mail ID	sreekrishnacollegeguruvayur@yahoo.co.in
Name of the Manager or the Agency:	Guruvayur Devaswom
a) Telephone No.	04872556335
Name of the IQAC Co-ordinator	Dr. G. Jayakrishnan
Name of the Public information officer:	Smt. Hemambika
<u>a) Telephone No. 9048957905</u>	<u>b) E mail id</u>
Affiliation	University of Calicut
Type of Institution	Co-education
Financial Status	Grant-in-aid, UGC 2(f) 12B, Grant-in-aid + Self Financing (One Programme)

RATING DETAILS

Whether included under section 2(f) 12B of the UGC Act	Whether accredited by NAAC	Grade awarded by NAAC and year
(Yes)	(Yes)	B++,2005

COURSES OFFERED

Sl. No.	Name of UG Course with Subject	Sanctioned strength	Sl. No.	Name of PG Course with Subject	Sanctioned strength
1	English	35	1	M A Malayalam	12
2	Functional English	24	2	M A Sanskrit	15
3	Malayalam	20	3	M. Sc Botany	10
4	Sanskrit	20	4	M. Sc Physics	8
5	History	40	5	M. Com	10
6	Economics	60			
7	Mathematics	30			
8	Physics	35			
9	Chemistry	27			
10	Bio-Chemistry	20			
11	Botany	27			
12	Zoology	27			
13	B.Com	60			

DETAILS OF RESEARCH DEPARTMENTS

Name of Research Department	Recognising University	No. of students Enrolled for Ph.D	Total
Botany	University of Calicut	3	3
Year of recognition: 2011			
Physics	University of Calicut	1 (Admission is under processing)	
Year of recognition: 2015			
Total			3

STAFF DETAILS

Teaching Staff							Non-Teaching Staff			
Designation	No. of faculty members		Total	No. Of Ph.D holder	No. of M.P hil holders	No. of teachers deputed for Higher studies under FDP	Number of teachers deputed for Higher studies other than FIP:	Designation	M	F
	M	F								
Asst. Professors	15	26	41	22	5	1	1	Sr. Supdt.		1
Assoc. Professors	3	7	9	4	1	0	0	Head Accountant		1
Professors	0	0	0	0	0	0	0	Clerk	5	0
								Store Keeper	1	0
								L D Typist	1	0
								Librarian Gr. I	0	0
								Herbarium Keeper	1	0

								Gardner	0	0
								Mechanic	0	0
								Lib. Asst.	3	0
								Lab. Asst.*	4	1
								Lab. Asst.**	7	0
								Office Attendant	1	0
								Librarian. Gr. IV	1	0

RESEARCH PROJECTS AND PUBLICATIONS OF FACULTY MEMBERS

No. of ongoing Research projects	No. of Publications				
	Research articles (International)	Research articles (National)	Books	Conference Presentation	Conference Articles
5	69	24	09	124	12

DETAILS OF SEMINARS/WORKSHOPS/CONFERENCES

Sl. No.	Item	Conducted by the college in 2016			Participation by Faculty members in Seminars /Workshops /conferences (Exclude Refresher/orientation courses) in 2016		
		No. of Seminars/ Workshops / conferences/ others					
		Regional	Nationa 1	Internationa 1	Regional	Nationa 1	International
1	Seminars		6		124		

ACADEMIC AWARDS/ RECOGNITION TO FACULTY MEMBERS IN 2016

Sl No:	Name of the faculty	Name of the award
1	DrAmbili K	FLAIR International Internship(2016)
2	Dr Rajesh K R	UGC Indo-US Raman Post- Doctoral Fellowship (2013)
3	DrJayasankar	UGC Indo-US Raman Post - Doctoral Fellowship (2016)

LIBRARY FACILITIES

a) Total No. of books	b) Total No. of research Journals	c) No. of New books added in 2016	d) No. of journals subscribed in 2016	e) No. of academic or research journals published by the college in 2016	f) No. of books published by the college in 2016	g) No. of e journal subscribed in 2016	h) No of e books subscribed in 2016
54342	NIL	457	20	0	0	0	0

Campus Area : 32 Acres

Hostel facilities

	Bed space in nos.
Men's Hostel	132
Ladies Hostel	45

EXTRA CURRICULAR ACTIVITIES/ACHIEVEMENTS

	No. of Students participated in 2016		Prizes won by students				
	Arts & Cultural Activiites	Sports & games	Arts & Cultural Activiites		Sports & games		Records if any by individual players
			Team	Individ ual	Team	Indivi dual	
University level	12		5	7	8	18	
Inter University level	6	14	3	3		1	
State level		16					
National level		2					

The information given herein is correct and accurate to the best of knowledge and belief.

Place:

Signature of the Principal

Date:

(Office Seal)

CRITERION I CURRICULAR ASPECTS

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.*

Sree Krishna College is a co-educational institution under the management of Guruvayur Devaswom, affiliated to the University of Calicut. This is a prestigious institution blessed by Lord Guruvayurappan, his omnipresence realized at every stage of its growth. This is epitomized in the college emblem which represents his magnificent presence along with the sloka from Bruhadaranyaka Upanishad '*Thamaso ma Jyothirgamaya*' which means "lead me from darkness to light." This signifies the dedication of the institution towards transforming the darkness of ignorance to the light of wisdom and knowledge. The institution endeavors to serve Lord Krishna, the **Ultimate Teacher** by practicing his mission of '*Jnana Yoga*' through the dissemination of knowledge to the society in its entirety. Hence, excellence in education is the professed goal of the college.

Motto

"*Thamasoma Jyothirgamaya*" is the motto of the institution which means "lead me from darkness to light." Darkness indicates ignorance and light implies knowledge. True education dispels the darkness of ignorance by assimilation and dissemination of knowledge. The college pledges to follow its motto by providing learning experiences to lead the pupil from the darkness of ignorance to the light of knowledge, emphasizing on rebuilding an industrious, inclusive and value oriented society committed to its statutory and humanitarian obligations.

Vision

- To empower our students to seize the opportunities of tomorrow and to groom them into responsible citizens of India.
- To facilitate the continuous improvement in the quality and competence of our faculty and staff.
- To contribute our best to the enhancement of the quality of life of the community around us.

Mission

1. To inculcate the importance of values in the students
2. To nurture an attitude of inclusiveness and acceptance of heterogeneity
3. To enlighten the students on protection of the environment and conservation of ecosystem.

Objectives

1. To impart knowledge in an unbiased and judicious manner which accords equal importance to every student
2. To inspire the students to reach higher echelons of learning by whetting their appetite for knowledge
3. To equip the students to face the challenges of life and to foster in them a sense of dignity and grace.
4. To encourage students to question, argue and debate
5. To direct the students towards empathy and selflessness in all their activities.
6. To instil in students a deep sense of national pride.
7. To mould the students in a manner to make them realise their social responsibility and equip them to make contributions towards the community around.
8. To facilitate all-round development of students by giving due importance to sports and arts.
9. To enable the students to translate the knowledge imbibed in the classroom into meaningful life-skills at a later stage.

All its activities, beginning from the preparation of the academic calendar, accomplishment of the curriculum agenda and other endeavours undertaken by the institute are reflective of its vision and mission. The College adopts multifarious methods as detailed below, to communicate its Vision and Mission to the society at large.

- Vision and Mission of the college is detailed at the very outset of the College Prospectus and Calendar, so that its spirit is effectively communicated to the students, parents and other stakeholders.
- The college Website spreads its message and objectives to the academic community and provides a platform for information interchange with all stakeholders. The Website is designed in such a manner to accommodate Alumni feedback on the life-skills achieved and employer's feedback on the performance skills and personality traits of our students employed by them. General feedback is also solicited in the Website. These feedbacks are very valuable inputs for improving our learning objectives and designing new methods of curriculum.
- Newly admitted students and their parents are made thoroughly acquainted with the Vision, Mission, Motto and objectives of the institution, the curricular structure, academic culture and pedagogic strategy, on their very first day at the college.
- The management and Principal take initiatives in familiarizing new staff members with the work culture of the institution
- NSS and NCC units very actively contribute a great deal towards inculcating social values among students and to enable them to realize their importance in the society.
- The keen interest taken by the management helps the college to perpetuate information on its activities that realize the Vision, beyond the campus and reach the society around in a meaningful manner.
- Timely assessments and evaluation of the results are done not only to assess the academic progress of students but also to check whether the spirit of the Vision stands achieved. Based on this, instructions are given to the students and parents in Class PTA meetings.
- Regular PTA meetings, both departmental and college level, help in the overall development of the students and in communicating the Vision, Mission and Objectives of the College.

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)

- A meeting at the department level is held at the end of every academic year which draws up the annual schedule of the department for the next academic year, after making an academic review. This facilitated the teachers to utilize the summer vacation for making lesson plan, for devising and designing innovative methods of teaching the subject in a more effecting manner and for updating knowledge.
- The distribution of work of each department, done in the department meeting, is ratified by the principal.
- The College Council comprising of the Principal, Heads of Departments and the Superintendent of the office meet, along with the coordinators of IQAC, to discuss the academic schedules prepared by the departments, make necessary modifications and consolidated the institutional academic year plan.
- The curriculum agenda is prepared in compliance with the University curriculum and gives due importance to its prompt execution and also to the conduct of internal assessment, evaluation and publishing of the results of assessments as well as collection of feedback from students.
- The college calendar for the academic year is structured according to the corresponding academic year plan.
- Internal exams are conducted in each semester for which the time table is prepared by the Internal Assessment cell of the college. The management of the examination is centralized under the Internal Examination Management Cell, headed by the Chief Superintendent.
- The departments are given freedom to schedule other assessment activities such as assignments, seminars and test papers in keeping with the college calendar. The Head of the Department co-ordinates the internal assessment activities, publishes the result on the notice board and prompt steps are taken for the redressal of grievances of the students.
- An induction meeting of the newly admitted students, along with their parents and the respective class teachers, is held on the very first day of commencement of classes. Students are given awareness classes on the Vision, Mission and Objectives and rules and regulations of the College. They are also given a general introduction about the course, its career prospects and the expected learning outcomes of the programmes.
- Each department makes sure that the students joining their department are given proper counseling regarding the nature of the course and the different subjects of study. The departments also provide bridge courses for the fresh students to enable them to cope with the new program.
- The teachers maintain academic diaries to complete the syllabus within the stipulated time and it is analyzed and evaluated at the end of the every semester. It helps to rectify the delay and promote effective teaching and learning.
- An Exit-Programme is conducted by each department, in which guidance is given to students, based on the assessment made of each student by the Mentors (tutors), who had closely interacted with them during the three-year programme. This helps the student to identify his strengths and get a clear idea regarding future course of action.
- General PTA meetings and departmental PTA meetings are held in the college periodically to discuss both curricular and extracurricular matters. The wise suggestions of the parents are

sought in different matters, especially on college discipline and the smooth functioning of the college. At the department level, the staff meets the parents periodically and also on particular occasions when parental support is required to improve the academic level of their wards.

- The college aims at quality education. The management supports any innovative practices in the education sector like smart room classes and ICT facilities and programs like WWS, SSP and remedial coaching to impart the curriculum effectively.
- Eminent scholars are invited to the college to share their expertise in their area of excellence to the students and faculty.

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

- The UGC-HRDC, University of Calicut, conducts regular orientation/ refresher courses, Winter and Summer schools and workshops for faculty improvement. These facilitate the qualitative improvement of teachers, for better teaching practices and for promoting doctoral and post-doctoral research.
- The University also conducts seminars, workshops and symposiums to create awareness regarding the requirements for the proper execution of the curriculum.
- Some of the Faculty members of the college are also members of the boards of studies and other academic bodies of different Universities and Autonomous Colleges which give them a platform to impart their ideas for the improvement of the curriculum. It is a matter of pride that Dr. G. Jayakrishnan and Mr. D. Jayaprasad served as the Chairman of the P.G. Board of Studies in Botany and U.G. Board of Studies in Mathematics, of University of Calicut, respectively.
- The institution sets apart one hour for inter disciplinary discussion and for organising debates, seminars, quiz sessions etc for persuading the students and staff to think out of the box about the topic discussed within and beyond the limits of curriculum.
- The college, with the help of the management, has pooled a fund which gets specifically used as a refundable advance to be provided to the faculty to get their works published.
- In the semester system, it is very difficult to find time for extra-curricular activities of the students, due to continuous evaluation and other academic requirements. In order to effectively utilise the available time, the college is preparing an academic calendar, which encompasses socially important extracurricular activities, for the development of civic sense. The schedule for university exams, valuation of answer papers, publishing of the results, dates for forwarding the internal marks as well as the norms and rules for the effective functioning of the college are furnished in the College calendar. The loss of working days is compensated on Saturdays.
- College has initiated the proceedings for the publication of a 'Research Journal' (SPECTRUM). The journal envisages space also for critical reviews on the curriculum and for innovative pedagogical methods, to translate the curricular programmes effectively to the students. The journal will also be made a platform for the faculty of all colleges, to air their opinion and inferences on effective curriculum translation, where the limitations of the areas of study get addressed in a scholarly manner.

- The college takes initiative in organizing seminars, workshops and conferences and also encourages faculty to participate in those organized by other colleges.
- The college is well administered with the help of governing bodies like the College Council, IQAC and Research Committee which give suggestions and timely evaluations and resolve impediments pertaining to teaching, learning and research.
- The college encourages its faculty to attend refresher, orientation and motivation programs every year. Special care is taken to distribute the chances evenly among the faculty so that the functioning of the departments will not be in peril.
- The college has adequate infrastructure which includes the computer lab, audio visual room, well maintained science laboratories, air conditioned seminar hall and smart class rooms.
- The institute also provides LAN, Wi-Fi, e-journals and e-books and has internet facilities which inspires and facilitates both staff and students to step into the infinite world of knowledge.
- The College has taken efforts to get the Post Graduate departments of Botany and Physics upgraded as research centres of the University.

1.1.3 *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.*

The college is affiliated to the University of Calicut. The University introduced Choice Based Credit Semester System (CBCSS) in the curriculum for all UG courses on **19.06.2009**. The Credit and Semester system (CSS) was also introduced for the PG Course
Objectives of the CBCSS are as follows

- To shift the focus from teacher-centric to student-centric education.
- To enable the student to secure maximum (120) credits
- To make education broad-based and at par with global standards.

The highlight of the new system is that it offers learning flexibility in the sense that the student gets an opportunity to choose an area of study that is in tune with his passion in addition to his core area. It assumes wider significance in the context of there being no option for pursuing a double main study. It also facilitates inter disciplinary learning. This helps the students to transform themselves as knowledge practitioners.

- Faculty trained in the CBCSS familiarize the fellow teachers on the finer aspects of the pedagogical strategies to practise the revised system.
- The academic year plan, which encompasses the learning objectives, teaching and learning activities as well as assessment and evaluation schedules, is prepared based on the university schedule.
- As Curriculum delivery is the core function an educational establishment, Management and the institution have provided the ample resources and adequate support services to facilitate effective delivery of the curriculum
- Induction programmes are conducted for the freshers to familiarize them with the nuances of the new system, objectives of the course and the expected learning outcomes.

- Bridge courses are also conducted in the first semester, for filling the gap of knowledge acquired by them in the entry level course.
- Weekly Review sessions are conducted in which students are encouraged to present what they have learned during the class room sessions so as to take stock of the efficacy of the curriculum delivery.
- The college adopts a continuous evaluation scheme consisting of internal assessments, frequent test papers, assignments and seminars. The institution strictly follows the instructions of the university pertaining to the attendance requirements of students. Each department publishes monthly attendance report of students.
- There is a well-organized timetable for the entire college and the faculty of each department maintains a strategically prepared schedule and a work diary.
- The fully automated state-of-the-art library maintained by the institute possesses more than 55,000 books and is equipped with N-List INFLIBNET. This benefits the students and faculty in refining their knowledge level, thereby improving the teaching-learning scenario of the institution.
- To reinforce the curriculum, the institution encourages curriculum-centred activities such as Quizzing, Debating and Organizing of the exhibitions.
- The Grievance Redressal Committee of the college addresses genuine complaints concerning assessments and other academic grievances.
- Quality education is being guaranteed by the timely feedback from students. The feedback is critically analysed and included appropriately in goal-setting for teachers, for improving their performance.
- The college also encourages students to do projects in other institutions, thus providing them exposure to new opportunities and experiences.
- Study tours and industrial visits aid the further assimilation of the curriculum by the students.

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

- The official Website of the college has provision for employer-feedback through which valuable inputs are received so as to make our students better employable.
- The institution boasts an impressive faculty research profile as well as an outstanding array of academicians. This tradition has led to sturdy linkages of the college with industry and research bodies. Many eminent persons from both industry and research bodies have visited the institution to impart knowledge and instil a research mind-set among the students. The management offers unwavering encouragement in conducting such interactive sessions in the institution as well as visits to industries and research institutions.
- The faculty of the college are invited by other agencies to share their knowledge. Research activities are carried out with the cooperation of external research bodies. Major and minor research projects funded by several research agencies are also being carried out in the college.

- The students are sent to industries or other institutes for their project work which gives them hands - on experience in their field of study and also provides an opening to get absorbed into the stream of research or a job at a very early stage.
- PG Students from other colleges also do their project work in the institution. Many of the faculty are members of several boards in different universities which entails frequent communication of the institute with the universities. This helps to avoid difficulties regarding implementation of the curriculum and preparation of the accurate action plans for its execution in the institution.
- The Faculty of the institution are also question paper setters in Universities as well as autonomous institutions which aids in widening its network.
- The institution has established linkages with the media. Events of social importance and the major activities of the college are well covered by the media. The faculty is often invited to share their views in debates and discussions conducted by the different channels. Renowned media persons visit the college which infuses and enhances the sense of social responsibility among students.
- The Department of Botany and SN College, Chempazhanthy have MoU with regard to their Academic Association. The Department of Physics and the Kerala Agriculture University, Mannuthi have MoU pertaining to the Short Term Projects of their students. The Department of Chemistry conducts industrial visits for the students every year and its association with industries like KP Nampoothiri's Ayurvedics Private Ltd, offers employment opportunities to deserving candidates from the college. The association of the institute with organizations like Accountants Academy, Thrissur, PROFINZ, Institute of Cost Accountants of India, Thrissur, Life Care Movement Society (Pain and palliative Care), Guruvayoor and International Centre for Kutiyattom give students not only a wider exposure to their respective subject areas but also build an awareness about their social responsibilities.

Table 1.1 Industrial collaboration

Department	Industry
Botany	P G Department of Botany S N College Chempazhanthy Arya Vaidya Sala (AVS), Kottakkal
Commerce	Government Industrial Centre, Thrissur District

Table 1.2 Research Collaboration

Botany	P G Department of Botany S N College Chempazhanthy
Economics	Inter University Centre for Excellence for Financial Economics Dr John Mathai centre Aranattukara, Thrissur

Table 1.3 Research Linkages

Department	Institution
Biochemistry	Amala institute of Medical sciences
Botany	Centre for Medicinal Plants Research (CMPR), AVS Kottakkal
	Kerala State Biodiversity Board
Chemistry	School of chemistry, Madurai Kamaraj University, Madurai, Tamil Nadu
	NIIST Trivandrum
Economics	University of Derby, London, UK
	Inter University Centre for Excellence in Financial Economics, JMC, Thrissur.
	Kerala Agricultural University, Thrissur
	Department of Economics, BITS Pilani Goa
	John Mathai Centre Thrissur, University of Calicut
History	Kerala state archives Eranakulam
Malayalam	Madurai Kamaraj University, Madurai, Tamil Nadu 2013-16
	Sree Kerala Varma College Research centre, Thrissur
	Sree Sankaracharya Sanskrit University, Kalady
	Kerala Sahithya Academy
Physics	Indian Institute of Astrophysics, Bangalore
	Electronics ceramics group, CSIR – NIIST, Trivandrum
	Microwave materials group, C- MET, Thrissur
	Nano Materials Division , C-MET , Thrissur
	Department of Physics , University of Calicut
	School of Pure and Applied Physics, M.G. University, Kottayam

Table 1.4 Organizational Linkages

Department	Organization
Chemistry	Life Care Movement Society (Pain and palliative Care), Guruvayoor. 2015-206
Commerce	Accountants Academy , Thrissur
	PROFINZ, Institute of Cost Accountants of India,
	LAKSHYA, Institute of ACCA, Thrissur.
	DIC Thrissur
Economics	Kuthambully Weavers Association
	Cottage Industries like Pappadam industry Choondal and pottery makers, Choondal

History	Educational and career guidance consultants- East Fort Thrissur Heartfulness organization
Malayalam	International center for folklore studies
Sanskrit	International Centre for Kutiyattom. Dwaipayana Foundation, Guruvayur. SPICMACAY a non-government organisation for promoting art and culture. POORVI a non-government organisation for the promotion of classical art forms. Brahmaswom Madhom Thrissur, a centre for promoting vedic tradition of India.
	BSS Cultural Mission.Kaladarsan Institute of Dance & Music Kerala Sangeetha Nataka Academy

Table 1.5 Library linkages

Department	Library linkage
Commerce	CDS, Trivandrum
	Kerala University Library, Trivandrum
	Central Library, Kerala Agricultural university, Thrissur
	CHMK Library, University of Calicut
	KILA , Thrissur
	DCMS, University of Calicut
Economics	IIM Calicut
	Bharathiar University, Coimbatore
	CDS, Trivandrum
	Central Library, Kerala Agricultural university, Thrissur

	CHMK Library, University of Calicut
English	Public Library Palakkad
History	Central library, university of Calicut
	Sahithya academy, Thrissur
	Central library, Thrissur
Malayalam	Grameena Vayana Sala , Kandnasseri
	Guruvayur Devaswom Library
	Thrissur Public Library
	Kerala Sahithya Academy Library
	CHMK Library, Calicut University
Sanskrit	Manuscript Library, Guruvayur.
	Kanippayyur Sankaran Nampoothirippad Smaraka Library, Kunnankulam.
	Manuscript Library, Govt. Sanskrit College, Tripunithura.
	Rashtriya Sanskrit Sansthan Deemed University, Purantukara (Guruvayur Campus) Library.
	Kerala Kalamandalam Deemed University Library, Cheruthuruthy, Kerala.
	Central and Department Library, University of Calicut.
Chemistry	School of chemistry, Madurai Kamaraj University, Madurai, Tamil Nadu

Table 1.6 Academic linkages

Department	Institute
Botany	SN College, Chempazhanthu
Chemistry	Department of Applied chemistry, Cusat, Cochin.
	Department of Chemistry, CMS college (Autonomous), Affiliated to MG

	University Kottayam.
	Department of chemistry, University of Calicut
Commerce	DCMS Calicut.
	Triumphant Institute of Management Education (TIME) Institute
	West Fort Academy For Higher Education (WAHE)
	Kerala Agricultural University, Thrissur
	DCMS Calicut.
Economics	Kerala Agricultural University, Thrissur.
	University of Derby, London, UK
	Inter University Centre for Excellence in Financial Economics, JMC, Thrissur.
	Department of Economics, BITS Pilani Goa
	John Mathai Centre Thrissur, University of Calicut
English	Acharya College Bangalore
History	University of Calicut
	Indian History congress
	Kerala History congress
	South Indian History congress
	Philately club Thrissur
	Numismatics , Malappuram
Malayalam	Kerala Sahithya Academy
Mathematics	Cochin University of Science and Technology.
	University of Calicut.
	University of Kerala
Sanskrit	Kerala Kalamandalam Deemed University, Cheruthuruthy, Kerala

	Govt. Sankrit Higher Secondary School Tripunithura
	Rashtriya Sanskrit Sansthan Deemed University, Puranattukara (Guruvayur Campus)
	Department of Vedanta, Sri Sankara Universty of Sanskrit, Kalady
	department of Sanskrit of Sri Vyasa NSS College
	Sri Kerala Varma College, Thrissur
Chemistry	School of chemistry, Madurai Kamaraj University, Madurai, Tamil Nadu

Table 1.7 Media linkages

Department	Media
Commerce	Media One
Malayalam	CCTV , Kunnankulam
	All India Radio
Sanskrit	Amrita T.V Doordarsan Kendra, Thiruvananthapuram
	Janam T.V.
English	Kairali T V
Functional English	Kairali T V

Table 1.8 Projects done by UG students in other institutes

Department	Year	Institute
Malayalam	2012-13	PS Varrier Museum, vydyarathnam Aryavaidya Sala, Kottakkal
	2013-143	Anakotta , Guruvayur Devaswom Board
	2015-16	Kerala Kalamandalam, Deemed University,

Cheruthuruthi		
	2015-16	Folklore museum, Folklore Academy, Kannur
Sanskrit	2014-15	Manuscript Library, Guruvayur Devaswom.

Table 1.9 Projects done by PG students in other institutes

Department	Name of student	Year	Institution
Botany	Megha VU, Lubna Sharafuddin	2012-13	CMPR, AVS Kottakkal
	Roshni Cs	2013-14	IRTC Mundur, Palakkad
	Salji K, Aswathi CV	2015- 16	Christ College, Irinjalakuda, Thrissur,
	Jithin Lal T	2015- 16	Uwin Life Sciences, Malappuram
Physics	Nithin K & Arundev .C V	2012-13	Indian Institute of Astrophysics, Bangalore
	Lakshmi P Nair& Vinod, K.T -	2012-13	Agricultural University, Mannuthy
	Hima N S	2012-13	C-MET, Thrissur
	Lima C B, Praveena M , Karthika K	2013-14	Indian Institute of Tropical Meteorology (IITM), Pune
	Neethulakshmy and Mahesh Mohan	2013-14	C-MET, Thrissur
	Greeshma Rajendran, Jisha M P	2013-14	University of Calicut
	Megha Menon R & Praveen Mathew E	2014-15	CSIR -NIIST, Trivandrum
	Reshma P R, Uma N N	2014-15	IIA, Bangalore
	Deepthi D Nair and Vibitha V V	2014-15	Department of Physics , University of Calicut
	Anagha M V and Ajay A	2014-15	C-MET, Thrissur
	Fritty P F	2014-15	IGCAR
	UmaP. M. , Sruthy C V	2015-16	CSIR -NIIST, Trivandrum

All the students of the Department of Commerce carry out their projects in institutions like different nationalized banks, Industrial organizations and agencies in accounting sector etc.

Table 1.10 Project works carried out by PG students of other institutes in the PG and Research department of Physics

Sl No	Name of students	Year	Institute
1	Amrutha T, Angutha Aravind and Nazila C	2013-14	SreeVyasa College, Wadakanchery
2	Swathy Mohan	2013-14	S N College Nattika
3	Mubeena	2014-15	M E S Ponnani
4	Pravitha V P	2014-15	Ansar Women's College
5	Swathy	2015-16	Asaba College
	Neelima Narayanan	2015-16	S N M Maliyankara
6	Mary Nayana Raphel	2015-16	St Aloysius Thrissur
7	Kavya T P	2015-16	Asaba Arts and Science College

1.1.5 What are the contributions of the institutions and/ or its staff members to the development of the curriculum by the university? (No. of staff members/ departments represented on the board of studies, student feedback, teacher feedback, stakeholder feedback provided, specific suggestions etc.) Contribution to the curriculum of the university

The eminent educationalist and visionary, Professor K Ravindranath, former Principal of the college, was the Pro-Vice Chancellor of the University of Calicut during the period from **3/10/2011 to 1/10/ 2015**. Dr P Mohan, the present Pro-Vice Chancellor of the University was also a former Commerce Faculty of the college. Their esteemed presence in the University has contributed a great deal towards incorporating the contributions of the college towards the improvement of the curriculum of the University.

The faculty of the institute has always been enthusiastic in taking up responsibilities regarding curriculum designing, development and restructuring. Two faculty members have served as Chairman of the UG (Mr. D. Jayaprasad, Present Principal) and PG Board of Studies (Dr. G. Jayakrishnan, Present HoD of the Post Graduate and Research Department of Botany). Several others have been active participants in Academic councils, interview panels and as chairpersons for conducting practical exams. Currently many of the teachers are directly involved in curriculum restructuring, being the members of UG, PG, and M.Phil., and M.Tech.

Board of Studies in different subjects and have attended curriculum review meetings/ review workshops conducted by the University

Table 1.11 Members of the staff in boards of studies of different university

Name of faculty	Board of studies
D. Jayaprasad	Chairman,U G Board of Studies, Mathematics, University of Calicut
	Member, Board of Studies, Mathematics, Mahatma Gandhi University
	Member, Board of Studies, Mathematics, St. Thomas College (Autonomous)
Dr. Sarath Chandran	Board of Studies in English; University of Calicut
	Board of Studies in English; St Thomas College, Thrissur
Dr. E.S. Devaky	Memeber, Board of studies (U.G.) Kannur University
Dr. K.V. Vasudevan	Member, Board of studies (U.G.) in Sanskrit University of Calicut
	Member, Board of studies (U.G.) in Sanskrit; Mahatma Gandhi University
Dr. G. Jayakrishnan,	Chairman of the P G Board of Studies of Calicut University 2013-16.
	Member, P G Board of Studies of Calicut University 2013-16
	Member, Faculty of Science, Calicut University 2013-16.
	Member, UG Board of studies, Calicut University 2013-15
	Member, P G Board of Studies, Kannur University 2016
	Member, P G Board of Studies, Kannur University 2016.
	Member, Academic council, Farook college (Autonomous), Kozhikode 2014-16
	Chairman, Board of Studies, St Thomas College (Autonomous), Thrissur 2016.
	Member, Board of Studies, Christ college (Autonomous), Irinjalakuda, Thrissur 2016
P.Gopinathan-	Member, PG Board of Studies in Management Studies
Jayasree V	Member , Board of Studies in Zoology(UG), University of Calicut
Dr Jayashankar M	Member Board of Studies in Pharmaceutical Chemistry, Mahathma Gandhi university

Dr Vishnu R	Member, Board Of Studies, Nano Science and Technology (M. Tech. & Ph. D.), University of Calicut
Dr. Prasad M V	Member, Board of Studies Political Science
Niranjana MR	Member, Board of Studies (PG) in Biotechnology
Dr. Lakshmi Sankar	Member Board of studies (P.G.) in Sanskrit; University of Calicut
	Centre for Spiritual Studies, Amrutha Viswapeedam, Deemed University
Dr Brinesh R	Member, Board of Studies in Microbiology
Dr. Ambili K	Member, Board of Studies (UG) in Economics
Dr. Sreelekha. M,	Member of UG Board of studies, Industrial Chemistry, Calicut University

Table 1.12 Faculties as members in academic bodies of the Universities

Faculty	Academic body
K. Raveendranath	Pro Vice Chancellor, University of Calicut (2011-15)
Dr. P. Mohan	Present Pro-Vice Chancellor, University of Calicut
D. Jayaprasad	Subject expert for the appointment of Assistant Professors in College
	Chief Examination Superintend (till 2012 dec 26)
Dr. Sarath Chandran	Interview Panel to recruit Asst. Professors
	Inspection committee to evaluate faculty and infrastructure of different colleges to grant affiliations under university of Calicut.
Dr. Gopinathan. P	A member senate, university of Calicut 2008-2012
Dr. P N Ganesh	PhD advisory Committee in College of Forestry, Kerala Agricultural University 2015.
Dr. K.V. Vasudevan	Member, Doctoral Committee, Department of Sanskrit Sahitya, SSUS, Kalady
	Member, Doctoral Committee, Kerala Kalamandalam Deemed University, Cheruthuruthy, Kerala
Dr. Udayan P.S	Doctral Committiee member of Calicut (2011)
	Doctral Committiee member of Kannur 2005
	Doctral Committiee member of Bharathiar 2014
	Doctral Committiee member of Trans Disciplinary University, Bangalore 2016
Dr. P.S Vijoy	Question Paper Scrutiny Board member, University of Kerala
Dr.Nishanth. T	National Educational Policy, Guruvayur Municipality Nodal

	officer
Dr. Lovely. M.R.	Doctoral Committee member at VIT, Vellore

Table 1.13 Professional memberships of faculties of the college

Faculty	Professional Membership
Dr. P. S. Udayan	IAAT
Dr. P. S. Udayan	CRIKSC
Dr. P. N. Ganesh	Mycological Society of India
Dr. Brinesh R.	Journal of parasitic diseases
Dr. Raji R.	Biotech research society of India (National)
	Asian Federation of Food Biotechnology (International)
	Zoological Survey of Kerala
Dr. P. A Damodhararn	Commerce Association, Kerala
Dr. Gopinathan P	Commerce Association, Kerala
Dr. Nishanth T.	Indian Aerosol science and Technology,
	Indian Climate Research Network
Dr. Geetha K.	Life member of Photonics Society of India,
	Life Member of Academy of Physics Teachers
Dr. Rajesh K. R.	Life member of Indian Science Congress
Dr. Manu K. M.	Life Member of Academy of Physics Teachers
Dr. Vishnu R.	Associate-Committee on Space Research, France
Dr. P. S. Vijoy	Life member of the Indian Society for technical Education
Dr. Sreeja T. D.	Member , Chemistry Teachers Association
Dr. Manoj E.	Member , Chemistry Teachers Association
Dr. Jayasankar M.	Member , Chemistry Teachers Association
Dr. Sreelekha M.	Member , Chemistry Teachers Association
Sri. Suresh V Nampoothiri	Member , Chemistry Teachers Association
Dr. K. V. Vasudevan	Member, All India Oriental Conference
Dr. Lakshmi Sankar	Member, All India Oriental Conference
Dr. Sudha E. K.	Member, All India Oriental Conference

Dr. Viswaja S. Nair	Member, All India Oriental Conference
Smt. Smitha K. R.	Life member of Indian Association of Cancer Research.

1.1.7 Does the Institution develop curriculum for any (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?

- Our Faculty, who are Board of Study members in various subjects in various Universities and Autonomous colleges, have the onus of designing and restructuring the syllabus of UG and PG Courses in these institutions. Two faculty members have served as Chairman of these Boards which have designed, revised and restructured the Syllabus at the UG and PG level (Mr. D. Jayaprasad, Present Principal) and Dr. G. Jayakrishnan, Head, Post Graduate and Research Department of Botany).
- The college offers certificate courses that are focused on skill development which foster a sense of entrepreneurship. The curriculum for these courses has been developed at the department level in consultation with experts taking into account the emerging socioeconomic milieu and the educational and occupational objectives of the future generation. The course schedule and its smooth conduct have been well planned by the Course coordinator under the supervision of the Course director. An overall scrutiny is carried out by the IQAC to assure the quality of the course being provided.

1.1.8 Institutional Analysis to Ensure the Achievement of Stated Objectives of Curriculum in the Course of Implementation

At the end of every academic year, a meeting at the department level is conducted to discuss the curriculum for the next year. A meticulous plan is prepared for the execution of the curriculum based on the stated objectives of the syllabus. This academic plan prepared by each department is presented in the department meeting. Suggestions of the department meeting are incorporated in this plan.

The year plan for the college is devised by the Staff Council which is approved by the IQAC. The general staff meeting also discusses the university notifications pertaining to the corresponding academic year and also conducting of student internal assessments and other extracurricular activities. The year plan is published in the college diary and on the college website.

The objectives of the syllabus and the schedule of the curriculum are conveyed to students at the beginning of every semester by the class teacher. The assessments are done as per the schedule and the results are published on time. Students are also given chance to improve their grades on either medical or other genuine grounds. To inculcate a research attitude among

the students, the post graduate students are encouraged to carry out projects, which they undertake as part of their program in prominent research centres.

Each member of the faculty shoulders his/her responsibilities regarding the implementation of the course as per the stated objectives and in a manner beneficial to the overall development of the students. Remedial coaching and mentoring sessions are provided for the backward students. The results of the internal assessments and attendance status of students are discussed with the parents to maximise the progress of students. Since the college accommodates a large number of economically backward students, special care is taken to reduce dropouts and to uplift the overall status of the students through effective delivery of the curriculum.

Feedback on teaching - learning activity is collected from the students at the end of every academic year. Rational modifications are implemented in teaching –learning activity based on feedback.

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.*

The college provides sixteen certificate courses undertaken by each department with a strict view to improve the employability of students, equip students with basic ICT skills and to facilitate students with better interactive skills to enhance confidence in conveying ideas thereby promoting employability. Some of the courses also assist in developing the physical and mental wellbeing of the students.

Table 1.14 Lists of Certificate Courses

Sl No	Department	Name of the course	Course Objective	Employability
1.	BIOCHEMISTRY	Health and Nutrition	To Understand and appreciate the importance of nutrition for human health with scientific social and ethical considerations.	Health Departments, Hospitals and related fields
2.	BOTANY	Herbal medicine- Applications and Cultivation	To create an awareness of medicinal plants, traditional uses, conservation and to familiarize students with cultivation practices	Agro based opportunities and in the field of Ayurveda
3.	CHEMISTRY	Cosmetics and Soaps	To upgrade knowledge and skills in the personal care.	Personal care sector
4.	COMMERCE	An introduction to fundamentals of Accounting	To Enhance skills in accounting and taxation	Business establishments and IT Sector

		and Taxation		
5.	ECONOMICS	Digital Banking	To create awareness on ICT enabled Banking environment and create employability in financial markets	Banks and financial enterprises
6.	ENGLISH	English for competitive Exams	To equip students with soft skills in competitive exams To equip students with verbal skills for competitive exams. Employability- the majority of jobs require a knowledge of English	All competitive exams
7.	FUNCTIONAL ENGLISH	SESP (Speaking English for Specific Purposes)	To develop confidence to respond in English during situations where the use of English is Imperative	Equip students to face public, a requirement for all job opportunities.
8.	HISTORY	Heritage Studies	To equip students with a better understanding of society and historical processes. To enhance the spirit of locating and conserving ancient heritage sites.	Travel and Tourism, historical surveys, archeological establishments
9.	MALAYALAM	Applied Language skills	Rigorous training leading to comprehensive language enhancement	Competitive exams
10	MATHEMATICS	Basics of Mathematics	To enhance skill in problem solving	Competitive exams
11	PHYSICAL EDUCATION	Gym Training	To improve health and fitness	Personal care sector
12	PHYSICS	Computer Basics	To impart basic knowledge about MS word, Excel, PowerPoint Presentations and the use of Internet	Basic to any kind of job requirements
13	SANSKRIT	Yoga- Internal awareness and Self-management	To impart basic principles of Yoga, holistic personality development and imparting life skills through Yoga practice.	Personal care sector
14	SANSKRIT	Desktop publishing in Devanagari	Desktop publishing in Devanagari script through ISM software	DTP Sanskrit
15	SANSKRIT	Spoken Sanskrit	To Learn Basic Ideas And	

			Grammar For Simple Sanskrit Conversations And Understanding Sanskrit Slokas	
16	ZOOLOGY	Vermi Composting	To understand the methodology and applications of vermicomposting in agriculture	Agro based industries and related fields.

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

The institution is affiliated to The University of Calicut and all the regular courses offered by the college abide by the norms and conditions of the university. Presently there are no twinning/ dual degree courses offered by the University of Calicut. Hence the institution has no such degree courses.

1.2.3 Give details on 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.

The University of Calicut does not permit flexibility in its core and complimentary courses. But it accord reasonable flexibility in deciding elective courses. Elective courses and Open Courses are selected by each department after scrupulously scrutinizing the courses on offer by the University, to ensure its usefulness and employability. Elective courses are integral part of the Core subject and offers limited flexibility within the confinements of the Core subject. Open Courses are multi-disciplinary in character and offer more academic flexibility, as students get wider choice. They also afford academic mobility as students get fundamental grounding in alien subjects of their choice, enabling them to acquire further knowledge of their interest.

The students are further given training to sharpen their skills in communication and information technology.

▪ **Credit transfer and accumulation facility:**

The University of Calicut to which the college is affiliated has implemented the Choice Based Credit Semester System. The course content is apportioned into modules and choosing between modules in courses or interchange of modules with those of other courses is inadmissible. The institute complies with the regulations of the University. **Hence, no Credit Transfer or accumulation of credit facility is available.** But, reasonable flexibility is advocated in the choice of the open courses which are

interdepartmental for the fifth semester of any UG course and in the elective courses which are intradepartmental.

▪ **Lateral and vertical mobility within and across programs and courses:**

The University facilitates provision for lateral mobility between educational institutions through transfers of eligible candidates depending on the available vacancies, in each programme. But it does not give the freedom to move in and out of two or more academic programs within an institution or in more than one institution.

Table 1.15 Range of core/ Elective options opted by the college from the University list. Under Graduate courses (Six semesters)

Sl No	Part	Course
1	Part I	English
2	Part II	Malayalam / Hindi/ Sanskrit
3	Part III	Core and Complementary

Options: Part III core and complementary option at the UG level (Choice Based credit system and range of subjects' options)

Table 1.16 Range of Core /Elective options opted by the Institution for U.G. Programme

Programme	Core course	Complimentary course I	Complimentary course II
BA	English language and literature	British History	Indian Constitution and Politics
	Economics	History	Politics
	History	Economics	Politics
	Functional English	Indian Writing in English	American literature
	Sanskrit language and literature	Linguistics	History of science and literature
	Malayalam language and literature	Sanskrit	Kerala Padanam
BSc	Botany	Zoology	Chemistry
	Zoology	Botany	Chemistry
	Mathematics	Statistics	Physics
	Chemistry	Physics	Mathematics
	Physics	Mathematics	Chemistry

Bcom	Biochemistry	Chemistry Finance	Nutrition
-------------	--------------	----------------------	-----------

Table 1.17 Range of Elective options opted by the Institution for U.G. Programme in the sixth semester

SI No	Programme	Core course	Options by the University	Electives opted
1	BA	English language and literature	<ul style="list-style-type: none"> World classics in translation Regional literatures in translation Dalit literature 	Regional literatures in translation
2		Economics	<ul style="list-style-type: none"> Environmental Economics Applied Theory of Markets Economics of Business and Finance 	Economics of Business and Finance
3		History	<ul style="list-style-type: none"> Principles and Methods of Archaeology Indian Epigraphy Indian Numismatics History of Human Rights 	Principles and Methods of Archaeology
4		Functional English	<ul style="list-style-type: none"> Language for Advertising: Theory and Practice Contemporary Literary and Cultural Theory 	Language for Advertising: Theory and Practice
5		Sanskrit language and literature	<ul style="list-style-type: none"> Environmental science Malayalam writers on Sanskrit Sanskrit theatre of Kerala Kavisiksha 	Sanskrit theatre of Kerala
6		Malayalam language and literature	<ul style="list-style-type: none"> Madhyama padanam Vivarthanam Cyber Malayalam 	Madhyama padanam
7	BSc	Botany	<ul style="list-style-type: none"> Biotechnology & research Methodology Genetics and crop Improvement Advances in flowering plant Systematics 	Genetics and crop Improvement
8		Zoology	<ul style="list-style-type: none"> Human Genetics Aquaculture, Animal Husbandry and Poultry Applied Entomology 	Human Genetics
9		Mathematics	<ul style="list-style-type: none"> Graph Theory 	Linear programming

		<ul style="list-style-type: none"> • Linear Programming • C Programming For Mathematical Computing 	
10	Chemistry	<ul style="list-style-type: none"> • Industrial Chemistry • Polymer Chemistry • Medicinal and Environmental Chemistry 	Medicinal and Environmental Chemistry
11	Physics	<ul style="list-style-type: none"> • Computational physics • Nano science and technology • Materials science & thin films 	Computational physics
12	BCom	<ul style="list-style-type: none"> • Finance • Banking and Insurance • Co – operation • Computer Applications • Travel and Tourism • Islamic Finance 	Finance

Table 1.18 Range of open courses opted by the Institution for U.G. Programme

Course	Options provided by the University	Courses opted
BCom	E- Commerce Basics of Entrepreneurship and Management Basic Accounting	Basic Accounting
Biochemistry	Life Style Diseases Elementary Biochemistry Clinical Diagnosis of Common diseases.	Life Style Diseases
Botany	Horticulture and nursery Management Biofertilizer technology and Organic farming Plant tissue culture	Plant tissue culture
Chemistry	Environmental Chemistry Chemistry in Daily Life Food Science and Medicinal Chemistry	Chemistry in daily life
Economics	Economics in Everyday Life International Trade and Finance Banking	Economics in Everyday Life
English	Film Studies Creative Writing in English Applied Language Skills	Applied Language Skills
History	Heritage Studies Historical Tourism	Historical tourism
Malayalam	Chalachithra padanam	Sahithyavum Sargathmaka

		Rachanayum
	Sahithyavum sargathmaka rachanayum	
	Sthree padanangal	
Mathematics	Mathematics For Physical Sciences	Mathematics For Natural Sciences
	Mathematics For Natural Sciences	
	Mathematics For Social Sciences	
Physical Education	Physical health and Life Skills education	Health and Fitness education
	Health and Fitness education	
	Physical activity, health and wellness	
Physics	Non-conventional energy sources	Non-conventional energy sources
	Amateur astronomy and astrophysics	
	Elementary medical physics	
Sanskrit	Management Principles in Sanskrit	Management Principles in Sanskrit
	Ancient Indian law	
	Scientific literature in Sanskrit	
Zoology	Reproductive Health and Sex Education	Reproductive Health and Sex Education
	Nutriton, Health and Hygiene	
	Applied Zoology	

The university offers a total of twelve options, as two clusters containing six courses each, for its M.Sc. Botany program. The institution can chose one from each cluster, for its fourth semester M.Sc. Botany.

Table 1.19 Range of Core /Elective options opted by the Institution for P.G. Programme, M.Sc. Botany

Cluster	Elective options	Elective opted
I	Advanced Angiosperm Taxonomy	
	Environmental biology and biodiversity conservation	Environmental biology and biodiversity conservation
	Genetic engineering	
	Genomics and proteomics	
	Plant tissue culture	
II	Pathology of plantation crops and spices	
	Genetics and crop improvement	Genetics and crop improvement
	Genetic engineering and bioinformatics	
	Plant physiology	
	Molecular plant taxonomy	
	Biotechnology in crop improvement	
	Plant cell and molecular biology	

For MSc Physics Programm the university offers twenty one choices in three clusters of seven each. The institution can choose any one from each cluster.

Table 1.2.3 f: Range of Core /Elective options opted by the Institution for P.G. programme, MSc Physics

Table 1.20 Range of Core /Elective options opted by the Institution for P.G. Programme, M.Sc. Physics

Clusture	Elective options	Elective opted
I	Plasma Physics	
	Foundations of Quantum Mechanics	Experimental techniques
	Radiation Physics	
	Computer Software and Applications	
	Fluid Dynamics	
	Digital Signal Processing	
II	Experimental techniques	
	Advanced Nuclear Physics	
	Astrophysics	Communication Electronics
	Advanced Statistical Mechanics	
	Materials Science	
	Electronic Instrumentation	
III	Lasers and Fibre Optics	
	Communication Electronics	
	Quantum Field Theory	Microprocessors and Applications
	Chaos and Nonlinear Physics	
	Advanced Condensed Matter Physics	
	Modern Optics	
	Physics of Semiconductors	
	Microprocessors and Applications	

For M. A. Malayalam, Sanskrit and M.Com., electives can be opted by the institution from the options given by the university for each semester.

Table 1.21 Range of Core /Elective options opted by the Institution for P.G. Programme, M. A. Malayalam, Sanskrit and M. Com.

Course	Semester	Elective options	Elective opted
Malayalam	I	Tharathamya sahithyam	Katha sahithyam
		Aaghyana sasthram	
	II	Katha sahithyam	Naveena kavitha
		Sthree – Dalit – Paristhithi sahithyam	
		Bharatheeya sahithyam	
		Thamizhu sahithyam	
		Anukalpanam	

		Naveena kavitha	
	III	Malayala nadakam Janapriya sahithyam Madhyama padanam	Malayala nadakam
	IV	Bhasha sasthanavum sahithya padanavum Vimarsana sidhanthangal Keraleeya chintha Viswa sahithyam	Viswa sahithyam
Sanskrit	I	Folklore Elements of Indian philosophy	Elements of Indian philosophy
	II	Theatre studies Computational Sanskrit Comparative linguistics Sanskrit heritage of kerala Cultural tourism	Sanskrit heritage of kerala
	III	Ancient indian science and technology	Ancient indian science and technology
	IV	Sanskrit historiography Introductory manuscriptology Basic Sanskrit I (For MA Malayalam students) Comparative literary theory (eastern and western) Basic sanskrit II(For MA Malayalam students)	
M.Com Foreign Trade and Management	IV	International Finance Foreign Trade and Management International Marketing and Logistics Management Foreign trade Policies and Procedures	International Finance

1.2.4 Does the institution offer Self-financed programs? If 'yes', list them and indicate how they differ from other programs, with refer to admission, curriculum, fee structure, teacher qualification, salary, etc.

There is only one self-financed course which is the BA Functional English that is being provided by the college at present. B.Sc. Biochemistry which was self financed earlier has been regularized by the university in the year 2013. The course structure for the self financed courses does not vary much from the regular UG courses.

a.Admission& Curriculum: Fifty percentages of the admissions are carried out on Merit as per University Regulations and the remaining fifty percent, by the management. But reservations for SC, ST, Physically handicapped, Sports Quota etc. are maintained as per government rules. The curriculum for the self-financed course is the same as that of aided BA Functional English.

- b. Teacher quality and salary:** The eligibility criteria of faculty in self-financing course is as per the rules and norms specified by the University of Calicut for the selection of guest lecturers. Special care is taken to maintain teacher quality by giving preference to candidates with good academic profiles and teaching experience. The teachers for the self financed courses are appointed on a contract basis and their salary is fixed by the management. The fund for this is generated from the fee collected from the students.
- c. Fee structure:** The fee structure for the self-financing course is mentioned in the college prospectus. The fee for the SC candidates is met by the Govt. of Kerala. Details are furnished below.

Table 1.22 Details of the Self-Financed Courses

Course	Admissions	Year	Fee structure / sem
Functional English	50% merit and 50% Management	2012-13	4000
		2013-14	11250/ sem
		2014-15	11250/sem
		2015-16	11250/sem

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

The college provides sixteen additional skill oriented certificate courses intended to enhance the employability of students. These courses are exclusively dedicated to the enrichment of students and equip the students to face competitive exams, interviews and make them confident to handle the real life situations. Courses such as ‘Computer Basics’, ‘Cosmetics and Soaps’, ‘Herbal medicine-Applications and Cultivation’, ‘Digital Banking’ and ‘An introduction to fundamentals of Accounting and Taxation’ directly focus on inculcating a positive attitude to self employment among students. Apart from developing ICT and linguistic skills and the institution also focus to impart knowledge on the significance of health and fitness in the holistic development of students. The certificate courses are primarily undertaken by the departments and career development courses are supervised by the Council of Career and Guidance.

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 course/ the combination of the course? If ‘yes’, how does the institution take advantage of such provision for the benefit of students?

The University does not provide any such provisions. But the students are motivated to study through Massive Open Online Courses of different Universities. Students are also motivated to

study the different certificate programmes of the National Stock Exchange. Faculty support and library facilities are provided to the students to complete these programme.

1.3 CURRICULUM ENRICHMENT

1.3.1 *Describe the efforts made by the institutions to supplement the University's curriculum to ensure that the academic programs and institution's goals and objectives are integrated?*

The institute emphasize on Inclusiveness. The major beneficiaries are students who belong to economically and financially backward classes. The key aim of the institute is to deliver the curriculum in the most effective way that can be benefited by such a society. Different approaches are adopted to achieve this motive, thereby fortifying the curriculum, like

- Seminars and workshops intended to enhance knowledge level.
- Students being given opportunities to interact with experts in diverse areas.
- Conducting open book test papers for PG students
- Promoting interdisciplinary studies and activities.
- Taking initiatives in conducting activities projects, field surveys and documentary production.
- Conducting Social Awareness programs in the locality on subjects related to the curriculum with the effective participation of students.
- Activities like Poster presentations, internal seminars, debates and quiz competitions by students
- An exposure to online examinations by conducting certain internal examinations in the online mode.

Apart from this, the Skill development programs offered by the institution complement the curriculum by enhancing the employability of students. The institution possesses vibrant NCC and NSS units to extend its contributions to nation building.

1.3.2. *What are the efforts made by the institution to modify, enrich and organize the Curriculum to cater to needs of the dynamic employment market?*

- The college is affiliated to the University of Calicut and all the regular courses offered by the college precisely follow the curriculum provided by the University.
- The university provides an assortment of open and elective courses as part of its UG programs. The department opts for courses that are based on the current trends in research as well as the employment market.
- Certificate courses are designed by the institute taking into consideration the employability and overall development of the students
- Augmentation of ICT skills is attained by providing computer facility to students and encouraging them to conduct PowerPoint presentations on various topics.
- The Website is designed in such a manner to accommodate Alumni feedback on the life-skills achieved and employer's feedback on the performance skills and personality traits of our students employed by them. General feedback is also solicited in the Website. These feedbacks are very valuable inputs for improving our learning objectives and designing new methods of curriculum.
- An Exit-Programme is conducted by each department, in which guidance is given to students, based on the assessment made of each student by the Mentors (tutors), who had closely

interacted with them during the three-year programme. This helps the student to identify his strengths and get a clear idea regarding future course of action.

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?

- The college takes initiatives in organizing social extension activities and out-reach programs regarding the vital issues concerning society
- Courses such as Medicinal and Environmental Chemistry and Environment Economics are opted as the elective for the VI semester UG program in Departments of Chemistry and Economics respectively, for the promotion of environmental education.
- Several gender-related courses are also part of the curriculum followed by the College.
- Days of international, national and regional importance such as Independence Day, Republic Day, Gandhi Jayanthi, Human Rights Day, Blood Donors Day, Environmental Day, World AIDS Day National Science Day are observed through programs like seminars, planting trees, cleaning the campus, blood donation camps, cultural activities etc.
- One third of the students are women. There is an active Women's cell to address gender related issues and orchestrate activities such as group discussions, debates, awareness programs, documentary shows and interactions with experts. A seminar used to be conducted every year to celebrate International Women's day. The WDC constructively interacts with the students on the matters related to health, counselling, etc. the cell conducted programmes for the welfare of the community viz, communication skills for house wives, health awareness class for Kudumbasree units, an exhibition "Karkidakathile Nattarivukal"; an awareness programme to inculcate traditional values among the students. Yoga class has been conducted for the girl students. School of chemistry, Madurai Kamaraj University, Madurai, Tamil Nadu
- Students are encouraged to employ ICT tools to gather information and assist their common seminars. A certificate course in MS Office support learners to acquire the essential ICT skills.
- The dynamic Biodiversity Club encourage activities aimed at keeping the campus green and clean.
- The Botanical garden is well maintained where in, some rare plant species are conserved.
- Observing days such as ozone day and planting tree saplings drives, promote ecological awareness and a sense of indebtedness towards the environment among students.
- Exhibitions and seminars based on environmental concerns and challenges do a great deal in educating students on the importance of sustainable development.
- The college has developed an effective mechanism of rainwater harvesting through rain water recharge pits
- All efforts are taken to maintain the floral diversity of the campus. Organic farming and a floral garden are maintained as part of an eco-friendly campus
- The college has an efficient Anti-Ragging Cell which conducts awareness programs and discussions on issues related to the violation of human rights.
- A Grievance Redressal Cell also functions in the college to resolve any complaints from the students regarding any issue like internal assessments.

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

The institute takes utmost care to impart the curriculum effectively and also conducts a multitude of activities to ensure the holistic development of the students.

- Programs like yoga and wellbeing for better fitness and health and nutrition which aim not only at increasing employability but also for creating awareness among students on health and wellbeing.
- Group activities, seminars, workshops and flash mobs are organized based on current issues to increase the sense of social responsibility among students.
- Study tours and industrial visits are carried out to supplement the curriculum
- Peer teaching, debates and discussions are encouraged to improve the interpersonal skills of students
- The college offers certificate courses that enhance the holistic development of the students including ICT and linguistic skills.
- The college conducts coaching classes for competitive exams like KPSC, NET, JAM etc
- Awareness programs for the local people, Blood donation camps, being one among the activities of the NSS unit
- The Career guidance and placement cell actively organizes counseling sessions and encourages students to attend campus selection procedures and motivates students by providing proper information on better career options
- The Entrepreneurship Development club organizes skill based training to promote promising young entrepreneurs
- The main objective of the course on spoken English is to improve the communicative skills of students
- A dynamic NCC unit recognizes the responsibility of each student towards nation building and contributes greatly towards developing leadership qualities among students.

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

- The curriculum design and its timely revisions are scrupulously carried out by University of Calicut. But the college has adopted many steps for effective execution of the curriculum.
- Collecting feedback from students helps the faculty to modify the curriculum in a way conducive to its effectiveness.
- Discussions with external experts help to enrich the curriculum delivery.
- The faculty takes into account the views and interests of the various stake holders of the institute, viz, parents, faculty, alumnae, employers and the society.
- Every year PTA meetings are held which discuss the accomplishment of the annual year plan, major issues if any.
- Feedback from PTA meetings, meetings of the retired staff and alumni are collected in a timely manner.

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

- The college has a regular mechanism to monitor and evaluate the quality of enrichment programmes.
- All the certificate courses are initiatives of the IQAC of the college and come directly under its authority.
- The program coordinator and the director ensure the proper conduct of the courses.
- An overall feedback on the program is collected from the beneficiaries.
- The feedback collected is analysed and essential revisions are made.
- The IQAC monitors and ensures the maintenance of excellence for each course.
-

1.4 Feed Back System

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

Prof. K Raveendranath, Former Principal was deputed as the Pro-Vice Chancellor of the University of Calicut during 2012. Dr. P. Mohan, the Pro Vice Chancellor of the University at present has also been the former faculty of the college. Their esteemed presence at the apex of the academe facilitated the inclusion of the ethos of the institute in curriculum design and development.

Teachers also have been members of senate, Chairman of Board of Studies and Faculty of Science during the past years. Many of the faculty is members of Boards of studies of the University of Calicut. They participate in various meetings intended for curriculum development.

The college regularly conducts informal intra-departmental meetings for the development of the curriculum, at the beginning of each semester. The suggestions and outcome of the meeting will be implemented in an effective way.

1.4.2 Is there a formal mechanism to obtain feedback from students and shareholders on curriculum? If 'yes' how is it communicated to the university and made use internally for curriculum enrichment and introduce changes/new programmes?

- The institute has a formal student-feedback mechanism which has been effectively implemented in the system.
- Feedback from the students is collected throughout the course. This is an informal method to improve class room teaching.
- In the formal system the feedback format which is a detailed questionnaire on teaching and learning, is circulated among students and collected by the respective teachers. Each department informally analyses the feedback and effective remedial measures are instituted.
- Further issues and difficulties experienced by the students are discussed by the academic Council and IQAC.
- The PTA meetings are held regularly at the department level and the college level. The feedback from parents is collected and relevant suggestions are implemented.
- The feedback from the stakeholders is also collected and necessary changes have been incorporated.

- Alumni meetings also provide a platform to get fruitful feedback on the teaching - learning activity of the institute and also bring forth valuable suggestions for its holistic development.

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?

The department of Botany and Physics were upgraded as research departments. The UG Department of Sanskrit was upgraded to the PG level and the BSc Biochemistry course which was under the self-financing sector was regularized. Apart from the up-gradation of the UG courses sixteen certificate courses were started by the college with a view to meet the present needs of the job market.

CRITERION II

TEACHING - LEARNING AND EVALUATION

2.1 Student Enrolment and Profile

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

The college is affiliated to the University of Calicut, the largest university in Kerala. The admissions to all academic programmes (UG and PG) of the college are through Centralised Admission Process (CAP) conducted by the Directorate of Admissions (DoA) of the University. The DoA conducts centralised admissions in a systematic, transparent and student friendly manner following all reservation rules. In the beginning of an academic year, notifications are issued by university for admission to various programmes conducted at affiliated colleges. The notification is publicised through newspapers, visual media and the university website. Detailed information about programmes and number of seats of all colleges, admission criteria, reservation rules etc., is also made available in the official website of the university. CAP offers facility for online submission of single application for various UG and PG courses in multiple colleges affiliated to the University. Students can submit applications of their choice through simple online steps. This process is time saving and cost effective and ensures transparency in admission.

A help desk functions in the college to assist prospective students in the registration process at the university portal. As per the instructions from the university, the college has engaged a nodal centre for providing proper awareness and guidance to candidates on online registration for admission to UG/PG courses through CAP Process. The nodal centre arranges online registration facility for the students from the centres itself. Dr. Vishnu R (Assistant Professor, Department of Physics) is the present nodal officer of the college. The nodal officer has thorough knowledge of the admission rules and maintains absolute objectivity and impartiality during online registration. The nodal officer functions as a liaison officer between the students and University. He redresses the grievances of the registered candidates in consultation with the DoA. The nodal officer can also forward grievances of the candidates to the University admission cell. The entire admission process is monitored by an admission committee which comprises the Principal and senior faculty members of the institution. Prior to the admission through CAP, the application forms to the aspirants were provided from the college and admission process was conducted by the College as per University norms.

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.

▪ Criteria of Admission

Admission to all programmes offered by the college is purely based on academic merit. All rules and regulations of the government are strictly followed by the college and the university in the admission process. All reservation policies of the government are strictly followed. Seats are reserved for students of categories such as SC, ST, differently abled and Lakshadweep. In addition, admissions are sought for the seats reserved under sports quota,

community quota and management quota. Seats reserved under various categories are given below:

Table 2.1 Percentage of seats reserved under various categories

Category	Reservation
Open Quota	50%
Scheduled Caste	15%
Scheduled Tribe	5%
Community Quota	10%
Management Quota	20%

3% of the open merit seats in all UG programmes are reserved for the differently abled. For UG, two seats in each discipline are reserved under Sports Quota. For PG programmes, one seat in each discipline is reserved under sports quota. For Self Financing programmes, 50% of seats are for merit category and 50% for management quota. If vacancies still exist even after the closing of the admissions, in between admissions are also done to fill up such vacancies by candidates seeking college transfer, with permission from the University. This applies to a transfer with valid reasons during the course of an academic year as well as to a transfer at the end of the academic year. In the instance of vacant seats for the reservation category of SC/ST, the College advertises the vacancies in the newspaper. In the absence of SC/ST candidates, their vacancies are filled by OEC students. All these admissions are done purely on merit basis and in accordance with University rules and 100% enrolment is ensured.

Fee structure and the rules and regulations are according to University norms. Fee concession is made available to the deserving students.

▪ **Admission Process**

The University publishes admission notification through print and visual media. Detailed notification is published on the university website. Before the implementation of CAP, admissions to all academic programmes were completely processed in the college by the concerned authorities and as per the Government and University regulations. The application forms were distributed from the college office and the aspirants were instructed to submit the duly filled in forms before the closing date. The entire admission was monitored by the college admission committee comprising the Principal, Heads of all Departments, office superintendent and one office staff. Rank lists for various courses were prepared according to the criteria stipulated by the University and were exhibited in the college notice board. The selected candidates were intimated through post cards about their rank, course, time and date of interview. Original documents were verified at the time of interview and the candidates were admitted after the payment of fees.

After implementing CAP, candidates register at the online admission portal of the university. By this facility, they can submit applications to programmes and colleges of their choice. Students are allotted various programmes based on merit, choice and availability of seats.

The university publishes a first allotment list and students secure admission by reporting at colleges with necessary documents. A second allotment is conducted for admission to seats that remain vacant after the first allotment. Accordingly the university publishes a third allotment and spot allotment list for the seats that remain vacant after all the previous allotments. Supplementary allotment for students of SC/ST categories is conducted by the university. The allotment list for community quota is also published by the University.

Admissions to seats reserved under sports quota are conducted at the college. The Physical Education Department conducts sports trials to identify physically proficient students. This screening will help to confirm the authenticity of the certificates produced by the candidates. The merit list is prepared as per the regulations of the government and the university. The college publishes a separate allotment list for management quota. Preference is given to local, socially and economically backward students who have already registered for CAP ID.

Interview is conducted on the prescribed date as announced by the University for each category. During interview original documents including the mark list of the qualifying examination are verified and the candidate is admitted after the payment of fees. Details of students admitted to the college are uploaded to the admission portal by the nodal officer. The nodal officer and the college Admission committee, co-ordinate and monitor the admission process of the college.

Enrolment of PhD students

Students who have qualified the test for UGC-JRF/CSIR-JRF can apply directly to the Research Centre. Other candidates have to appear for an entrance exam conducted by the University, and those who clear the test are allotted Research Centres and Guides according to their preference and specialization. The scholars in consultation with the supervisor prepare a research proposal which is presented before the Research Admission committee constituted as per University regulations. The members of Research Admission Committee are the Head of the Institution, Head of the concerned Research Department, Supervising guide, two Senior Faculty members/Research guides from other departments of the college, a Subject Expert (University Nominee) and a nominee of the Vice Chancellor. The selected candidates are registered according to the University norms.

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.

Table 2.2 Minimum and Maximum percentage of marks for admission at entry level and comparison with neighbouring colleges for (a) UG courses (b) PG courses

(SKC – Sree Krishna College, NC – Neighbouring College, SF- Self Financing Programme,
** Course not offered by any other college in the district)

a)

COURSE (UG)	Max/Min	2012-13		2013-14		2014-15		2015-16		2016-17	
		SKC	NC	SKC	NC	SKC	NC	SKC	NC	SKC	NC
English Literature	Max	90	91	82	96	87	87	90	97	87	87
	Min	46	64	38	62	54	62	67	63	56	60
Malayalam	Max	80.8	79	79.7	77	86.3	72	90	75	81.5	79
	Min	32.8	45	41.5	48	47.4	45	36.8	49	45.7	51
Sanskrit	Max	79.6		77		79		79.6		79	
	Min	48.2		52		52		44		47	

Mathematics	Max	90	91	90	90	94	92	92	90	92	88
	Min	53	46	50	45	57	44	57	43	60	40
Physics	Max	93.6	78.5	95	79.1	95.7	82.1	94.9	80.3	95.8	78.1
	Min	54.4	50.2	54.5	63.2	62.9	61.1	60.3	53	57.2	55.1
Chemistry	Max	87.8	90.7	88.1	96.7	91.8	85.4	96.1	88.6	97.1	92.2
	Min	54.6	73.4	48.6	72.1	56.2	72.5	58.6	70	49.3	76.4
Botany	Max	83.1	73	83	76	85.3	82	90	89	82	88
	Min	50.7	63	44.3	68	56.2	60	52.8	58	55	62
Zoology	Max	89.3	70	79.8	85	88	77	90.1	80	92.8	87
	Min	49.3	60	48.3	68	57.2	60	60	67	49.7	62
Bio Chemistry	Max	85.9	**	90.5	**	91.1	**	96	**	94.1	**
	Min	62.8	**	65	**	55	**	62	**	55.8	**
History	Max	82	83	82	86	87	80	85	88	87	83
	Min	73	51	70	59	57	49	73	65	77	72
Economics	Max	87.3	92	91.1	93	86.7	94	89	96	87.5	92
	Min	47.4	36	54.8	37	52	35	51	38	49.1	36
Commerce	Max	97	93.4	94	96	100	89	97	90	94	93.4
	Min	61	88	70	89	62	82	49	84	58	88.1
Functional English (SF)	Max	84	90.5	82	92	98	91	84	89	77	87
	Min	50	53	51	54	63	53	59	52	46	50

b)

COURSE (PG)	Max/Min	2012-13		2013-14		2014-15		2015-16		2016-17	
		SKC	NC	SKC	NC	SKC	NC	SKC	NC	SKC	NC
Botany	Max	95	89	95	89	90	86	95	82	95	90
	Min	67.2	85	70	87	70	80	70	79	78	85
Physics	Max	95.25	89.2	90.25	91.2	95.25	89.9	92.75	90.3	91.75	89
	Min	64.25	73.1	53.55	72.6	38.06	72.3	73.3	82.2	68.5	71.5
Commerce	Max	94	95.3	90	89	91	75	94	83.3	95	80.5
	Min	78	87.3	61	84	65	66	50	71	61	76
Malayalam	Max	80.75	85	85	82	87	88	78.25	76	86.25	80
	Min	44.75	55	40	55	51.5	56	57.5	45	50.25	46
Sanskrit	Max	Course started in 2013		72	**	87.3	**	82.75	**	73	**
	Min			55	**	69	**	59	**	62.5	**

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

The Admission committee monitors the admissions in each department and provides guidelines to the respective Heads of the Departments regarding the University norms and regulations of the admission procedure. The committee together with IQAC review the admission process annually and study factors such as demand ratio, minimum and maximum

marks of students admitted in each programme etc. Owing to a high demand ratio, marginal increase in the number of seats is also allowed by the University for different programmes, during certain academic years as per the request from Principal. The committee sees to it that the whole admission process is meticulous, systematic, well documented and transparent.

A department level admission committee reviews the student profiles. Detailed academic and personal profiles of the students are collected and filed by the respective departments at the time of admission. Copies of the same are submitted in the college office as well. This process facilitates the analysis of academic and socio-economic background of the students. Based on this analysis, department level committees arrange Induction programme and Bridge courses for the newly joined students.

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

The college strictly adheres to the reservation policies of the government. Seats are reserved for different categories like SC/ST, from Lakshadweep and differently abled, with due relaxation in the eligibility marks, as per the admission rules of the University. Sports quota admissions are done based on the student's former records and achievements in sports at district, state and national levels. An analysis of the student profile for the last five years reveals that students belonging to all sections of the society can get admission to the academic programmes of the college. It is also obvious that majority of the students are girls. SC students having merit at par with the general candidates are given admission in the open merit category. Accordingly, the percentage of students belonging to SC is higher than the minimum fixed by the reservation rules. The scholarship committee of the college gives directions and provides information to the economically weaker students regarding scholarships of State/Central Government/various agencies. The admission through management quota (20% of seats allotted in each programme) is done impartially without considering the religion, caste and creed of the applicants. Thus a broader policy of inclusiveness that caters to our national diversity is followed in the admission process.

Table 2.3 Profile of students admitted during the last five years

CATEGORY	No. of Students Admitted									
	2012-13		2013-14		2014-15		2015-16		2016-17	
Total No. of students admitted	562		563		557		580		634	
SC	122	21.7 %	134	23.8 %	112	20.1 %	112	19.3 %	138	21.8 %
ST(other than LD)	1		1		0		6		6	
OBC	207	36.8 %	223	39.6 %	230	41.3 %	246	42.4 %	243	38.3 %
OEC	8		8		8		13		12	
Differently abled	4		4		4		7		6	
Minorities	114	20.3 %	112	19.9 %	101	18.1 %	102	17.6 %	107	16.9 %
Women	377	67.1 %	379	67.3 %	374	67.1 %	382	65.9 %	409	64.5 %

Laksha Dweep quota (ST)	1	0	3	4	5
-------------------------	---	---	---	---	---

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

The Institution offers 13 UG Courses and 5 PG courses besides hosting two Research Centers (PG Department of Botany and PG Department of Physics). The college is situated in a rural area and it seeks to impart quality education to the students hailing from rural and semi urban areas. For the last four years, the admission process is through the CAP scheme of the University and the applications are not received by the college. However, as per the data obtained from the University, demand ratio for 2016 admissions for various programmes could be calculated which is shown below.

Table 2.4 Demand ratio for various programmes for 2016 admissions

PG Course	No. of applications received	No. of students admitted	Demand ratio
MA Malayalam with Journalism	341	18	19:1
MA Sanskrit	51	6	8:1
MCom Foreign Trade and Management	891	21	42:1
MSc Botany	612	12	51:1
MSc Physics	686	12	57:1

UG Course	No. of applications received	No. of students admitted	Demand ratio
BA English Language and Literature	2964	40	74:1
BA Economics	3937	63	62:1
BA History	2407	60	40:1
BA Sanskrit Sahitya	322	37	9:1
BA Malayalam Language and Literature	1805	40	45:1
BSc Zoology	2547	36	71:1
BSc Physics	2635	42	63:1
BSc Mathematics	1564	45	35:1
BSc Biochemistry	1110	33	33:1
BSc Botany	2383	30	79:1
BSc Chemistry	2404	43	56:1
BCom Finance	6195	61	101:1
BA Functional English (Self Financing)	168	35	5:1

Despite the substantial increase in the flow of students to professional colleges for the past few years, our college maintains a good demand ratio for most of the programmes. Some of the reasons for high demand ratio are:

- Access to the Campus from remote areas and from other districts like Palakkad and Malappuram.
- Mixed college with hostels for boys and girls.
- Sports hostel with all facilities
- Academic programmes with future significance and career prospects.
- UG programmes for almost all conventional subjects
- UG programmes in specialized fields like Bio-Chemistry and Functional English
- Good academic environment prevailing in the College and motivation given for higher studies.
- An excellent academic team of faculty with exemplary profile and fully committed to uplift students from poor socio-economic backgrounds.
- Good student-teacher relationship.
- Infrastructural and learning facilities and fully automated library facilities available in the college.
- Excellence in sports, arts and other co-curricular activities.
- Student friendly, vibrant and socially committed campus having NCC, NSS, Nature club, Fine arts club etc.

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 college provides special academic and infrastructure facilities for differently abled students and gives special consideration to their requirements.

- The tutors take good care and pay special attention to the studies of students. A helping group of students from respective classes are arranged to accompany the differently abled students to classrooms, laboratories, library and toilets.
- Differently abled student-friendly access facilities are provided in the campus. Ramp and hand rail facilities have been constructed for differently abled students
- Rearrangement of classrooms and examination halls to the ground floor.
- Scribes are provided to assist differently abled students during their exams, as per the regulations of the university.
- Extra time is allowed for differently abled students in university examinations with permission from the University.
- Additional classes, study materials in audio form and counseling sessions are given for empowering 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.

Yes. Preliminary assessment of the students is done by the Head of the Department at the time of interview. The college strictly insists on the presence of parents at the time of admission. The bio data of students are collected during the admission process and are kept for future reference by the tutor-in-charge. The tutor makes an assessment of the academic

caliber and extra-curricular skills of the newly admitted students. Diverse learning needs and student's strong and weak areas in academics as well as personal skills are also identified from the discussion with their parents. An Induction Programme is organized every year for newly admitted students, at the college level as well as at the department level. The students are informed about the rules and regulations of the college. They get a good briefing about all aspects of the programme such as details of the curriculum, syllabus, infrastructure and learning facilities, internal evaluation scheme and extra-curricular activities of the college. They are also informed about higher education and job prospects. The students and their parents get opportunity to interact with each teacher personally. This session is most beneficial for both the teacher as well as students.

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

An orientation class is organized at the college level for the newly admitted students and their parents. The principal of the college explains the vision and objectives of the college and gives detailed information regarding the learning facilities such as college library, computer lab, etc. Detailed plan of the extra-curricular activities are also provided to the students and their parents.

Each department separately conducts orientation classes for the new students at the beginning of each academic programme. Every batch of new students in each department is assigned a tutor. The head of the department along with the class tutor interacts with the students and parents. Students are informed of the course structure, curriculum and syllabus, internal evaluation scheme and final assessment. The tutor interacts with each student personally in order to identify their potential as well as weak areas. A *Fresher's day* is conducted in each department under the supervision of teachers to prevent any instance of ragging.

The knowledge level of the students is continuously assessed on the basis of their classroom responses and interactions. Performance in the class tests and internal examinations are analysed by the department. Additional measures are taken up for filling the knowledge gap for students with different learning capabilities. Extra classes are given to slow learners. High performers are encouraged to help academically weaker students. All students are encouraged to make the best use of department library. The advanced learners are appropriately guided and are encouraged to use additional reference books and e-resources. Each department follows the practice of conducting class PTA meetings on a regular basis. Teacher-student and teacher-parent interactions in the class PTA also help to identify the areas where remedial assistance is required.

- **Bridge Programme:** To implement effective learning, various departments adopt their own bridging strategies, as per the student requirements. Language departments equip their students to handle language effectively by offering special classes for improving communication and writing skills. Science and Mathematics departments give additional sessions for reviewing important formulae and theorems. This will help in improving the problem solving skill of the newly admitted students. Science departments also offer training sessions to deal with equipments and tools. This is given at the beginning of Lab sessions so that students can perform better in their practical hours. Classes on basic concepts of State, Society and Government are offered for political science course. Bridge classes for BA History programme

focus on the contemporary relevance of historical studies. The Commerce and Economics students are familiarised in the fundamentals of accountancy and statistics.

- **Remedial Coaching:** Remedial coaching programme for students belonging to SC/ST/OBC/Minority category is implemented in all departments by utilizing UGC funds. Remedial coaching sessions are also conducted for slow learners based on the continuous evaluation of the students by their tutors. On working days, remedial sessions are conducted after regular class hours and special classes are conducted on Saturdays.
- **Scholar Support Programme:** Scholar Support Programme is a part of the “New initiatives in Higher Education” of Department of Higher Education, Govt. of Kerala, in which additional academic support is offered to students in subjects for which extra coaching is required. This programme has been implemented in our college from the academic year 2014-15 onwards. The subjects are identified based on the analysis of the results of examinations. Special classes are taken and additional study material is distributed as part of the Scholar support programme.
- **Interaction with Experts:** The departments organize interactive sessions with eminent scholars, scientists and experts of respective areas, wherein the students actively interact with the experts in various fields. Many of the students, especially post-graduate students, are greatly benefitted from this programme. Some of them often get an opportunity to do projects in reputed national/R&D institutes.
- **Walk with a Scholar (WWS):** The Kerala Government Higher Education Department sponsored programme Walk With a Scholar, has been initiated since 2014 for the benefit of advanced learners.
- **Certificate courses:** Certificate courses for enhancing the skill level and developing employability skills of the students has been started by all departments.

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

Gender, inclusion and environment related topics are integral parts of the syllabi of various academic programmes of the college. Common and core courses in English and Malayalam, which are offered to all under graduate students, deal with issues such as gender, inclusion, and environment. Departments of Chemistry and Physics respectively offer courses “*Medicinal and Environmental Chemistry*”(elective paper for BSc Chemistry programme) and “*Non conventional Energy sources*”(open course for UG). Department of Sanskrit offers an elective paper “*Plant Science in Ancient India*” for its PG programme.

About 65% of the students of the college are women. About 75% of the teaching staff also are women. A Women Development Cell, Equal Opportunity Cell and Committee Against Sexual Harassment function in the college and sensitize staff and students on issues of gender and women empowerment.

The college emphasizes on inculcating social and environmental awareness among the students, and promotes social inclusion through the activities of NSS/NCC units and clubs like Nature club and Biodiversity club.

- **Women Development Cell(WDC):**The WDC of Sree Krishna College is a creative platform for the girl students of the college. Dr. V.K. Jayasree (Associate Professor, Dept. of Botany) is the present convenor. It aims at developing leadership skills among girls, creating awareness about the problems and challenges confronted by them and to make them realize their equal responsibilities for contributing to the welfare of the society. Seminars and documentary shows have been conducted on a regular basis under the aegis of this cell. Women's Day is celebrated every year on March 8, which is marked by discussions, debates, poster competitions and speeches on women's empowerment and related issues.
- **Equal Opportunity Cell:** Equal Opportunity Cell has been established in the college as per the guidelines of the UGC to ensure equity and equal opportunity to the students belonging to the economically and socially disadvantaged section of society. The cell is ably headed by Dr. Lakshmi Sankar (Assistant Professor, Dept. of Sanskrit) and makes efforts to sensitize the academic community regarding the problems associated with social exclusion as well as the aspirations of the marginalized communities. In 2012, a National Seminar on "*Articulating Women: Multiple Locations, Varied Voices*" was conducted under the auspices of Equal opportunity cell with UGC aid.
- **Committee Against Sexual Harassment (CASH) :** This committee has been established in the college as per the guidelines of UGC. Dr. E.K Sudha (Assistant Professor, Dept. of Sanskrit) is the present convenor of this committee. The aim of the committee is to prevent discrimination and sexual harassment against women. A complaint box facility has been set up for reporting the grievances of women in the college. Related incidents can also be reported in person before the committee. The committee takes appropriate measures to redress the grievances. If the issue cannot be settled at the Committee level, the complaint is forwarded to the College Council for necessary action.
- **NCC/NSS:** The NCC and NSS units of Sree Krishna College have always played an active role in moulding social awareness and service mindedness among the students. The sanctioned strength of the college NCC unit is 108 (52 girls and 56 boys). The college NSS units have 200 volunteers. These organizations play a vital role in developing mutual respect, co-operation and gender and communal harmony among the students. The annual camps organized by NSS /NCC develop social commitment and foster the values of community life among the students.

The college NCC unit has conducted blood donation camps and campaigned against the use of alcohol and drugs by organizing an awareness-promoting cycle rally in association with the state Excise Unit. The observance of the AIDS Awareness day is another noteworthy activity of the unit. The unit has also active involvement in programmes associated with the Swatch Bharat Abhiyan.

The NSS unit has, on a regular basis, conducted blood donation camps, organized charity activities, donated money to pain and palliative care and campaigned actively against drugs and use of tobacco. The volunteers of the unit frequently visit a local rehabilitation centre for mentally challenged people and spend a day with its inmates. The students take effort to clean its surroundings and set up a garden. The unit has also collected study materials from all the departments and distributed them among Endosulfan affected BUDS school students in Kasargode.

The cleaning activities conducted by the NSS unit both inside and outside the campus, especially under the Swatch Bharat Abhiyan, vouch for its primary objective

of service. Various programmes are organized throughout the year in connection with the Thrissur district Suchitwa mission. The unit observes World Environment Day and world anti-plastic carry bag day. An awareness programme on waste management through pipe compost was organized under the direction of Dr. Suresh Nampoothiri (Department of Chemistry) and pamphlets for the same were distributed in Kandannassery Panchayat. The unit members are also actively involved in organic farming.

- **Nature Club:** The “Oreole Nature Club” of the college functions to nurture eco-friendliness among the students. Club organizes seminars and nature camps for students. World Environment Day is observed every year. On this day, the members distribute plants and tree saplings among staff and students.
- **Bio-diversity Club:** The maintenance of the college Botanical garden and conservation of some rare species of plants in a small area aptly named ‘Shantisthal’ are the highlights of this club. The planting of tree saplings, awareness drives to promote an ecological culture and study tours to promote ecological awareness are some of the activities organized by the college Bio-diversity Club. In 2016, the club members observed the World Environment Day by planting 20 tree species in and around the campus. Both nature club and bio-diversity club functions under the guidance of Dr. M.K Harinarayanan (Assistant Professor, Dept of Botany)

In addition to these, several departments organize seminars and other activities to create environmental awareness, awareness about the upliftment of the deprived communities and gender related issues. A ‘Mothers Meet’ has been organized in the college to discuss issues on women’s health and women’s security. Department level activities include observation of World Environment day, AIDS Day, etc. ‘Green Campus’ and ‘Plastic Free Campus’ campaigns help to stimulate environmental consciousness in the students as well as staff. Campus cleaning days are observed annually where all the staff and students actively participate. From 2015 onwards, the college PTA joined hands with the college in its “Clean Campus – Green Campus Mission”. Rain water harvesting has been implemented by the Department of Chemistry. The college has submitted a proposal for the installation of a biogas plant, which is expected to be completed in the near future.

Sensitizing staff and students on issues such as gender, environment and social inclusion

Table 2.5 List of lectures conducted at the college level

Expert Lectures			
Sl. No.	Name of Resource Person	Topic	Year
1	Dr. Ajini Assistant Professor, Thrissur Medical College	<i>Women and Health</i>	2013
2	Sri. C.R. Neelakandan Environmentalist and Social Worker	<i>Ecological Literacy</i>	2017

Lectures by faculty members of this college			
Sl. No.	Name of Resource Person	Topic	Year
1	Dr. Lakshmi Sankar	<i>Women Security in Contemporary society</i>	2013
2	Dr. Harinarayanan M K	<i>Plant lore of Kerala</i>	2014
3	Dr. Brinesh R	<i>Awareness on AIDS</i>	2015

Table 2.6 Departmental Activities

Sl. No.	Department	Activity
1	English	<ul style="list-style-type: none"> ▪ Observance of World Environment Day and Women's Day ▪ Organises debates on Women's issues ▪ Weekly cleaning of classrooms and department premises
2	Malayalam	<ul style="list-style-type: none"> ▪ The students in the department organize environmental awareness programme and weekly clean the dept. premises ▪ Students planted herbal plants in the department premises
3	Sanskrit	<ul style="list-style-type: none"> ▪ The students and faculty members occasionally visit Guruvayur Agathimandiram (an old age home) and donate dress items and medicines ▪ Weekly cleaning of the department premises and keeping separate waste bin for plastic and non plastic wastes ▪ Students planted herbal plants in the department premises ▪ Organised a programme "Karkadakathile Nattarivukal" in 2013 . Lecture on "Herbal Plants in Kerala" by Dr. K Manoharan (Payyannur Centre, SSUS, Kalady) ▪ Organised a programme "Karkadakappacha" in 2014. Lecture on "Star Plants" by Dr.Harinarayanan M K (Dept. Of Botany, SKC, Guruvayur)
4	History	<ul style="list-style-type: none"> ▪ Observance of Environment Day and Women's day ▪ Cleaning of department premises by the students ▪ Conducted a debate on "Women Issues in Kerala" ▪ Students and teachers visit Anganvadi and distribute colour pencils, crayons and story books.
5	Economics	<ul style="list-style-type: none"> ▪ Students distributed plants to nearby houses as a part of Environment day celebrations ▪ Conducted an invited talk "Maram oruVaram", by Dr. M K Harinarayanan (Dept. of Botany) ▪ Staff and students sponsored one day meal at Guruvayur Agathimandiram ▪ Distributed 'Onam Kit' to 10 families in Kandanassery Panchayat ▪ Conducted a survey on supply stock of natural resources and its effects on environment (a case study of Kandanassery Panchayat)

6	Commerce	<ul style="list-style-type: none"> ▪ Cleaning of class rooms and department premises by the students ▪ Observance of Environment Day ▪ Students planted herbal plants in the department premises
7	Mathematics	<ul style="list-style-type: none"> ▪ Weekly cleaning of class rooms and department premises. ▪ Students set garden near the department premises ▪ Observance of Environment Day
8	Physics	<ul style="list-style-type: none"> ▪ Students clean department premises and set garden . ▪ Observance of World Environment Day - Special Lecture on ‘Conservation of Endangered species’ by Dr. Harinarayanan M K, (Dept of Botany, Sree Krishna College), June 6,2016. ▪ Promoting social inclusion - The Kasthurba Balika Sadanam run by the Mahila Samajam at Guruvayur, gives shelter to destitute girl children belonging to Scheduled Caste. These children are being coached in Maths and Physics by B.Sc (Physics) students.
9	Chemistry	<ul style="list-style-type: none"> ▪ Weekly cleaning of department premises. ▪ Observance of Environment Day by planting trees ▪ Lecture on “Solid Waste Management”, by Suresh V Nampoothiri (2016-17) ▪ Lecture on “Plastic Pollution, separation of plastic and biodegradable waste”, by Dr. Sreeja T D (2016-17) ▪ Awareness on “Waste Management” and hands on training in “Pipe Composting” given to Kudumbasree Unit, Kandanassery Panchayat.(2016-17)
10	Biochemistry	<ul style="list-style-type: none"> ▪ Cleaning departmental premises and planting trees as a part of Environment Day celebrations. ▪ Conducted skill development class on preparation of jam and squash for Kudumbasree Unit, Kandanassery Panchayat (28th February 2017) ▪ Class on “Food Habits” by Ms. Navyaganga (Dept of Biochemistry) for local women. (28th February 2017)
11	Zoology	<ul style="list-style-type: none"> ▪ Survey of birds and butterflies in the campus conducted by BSc. Zoology students of during 2011-13. ▪ Students and teachers make regular visits to old age home, Dementia centre, Kottappadi. ▪ Students and teachers visit mentally and physically challenged students once in a year and spend a day with them. ▪ Conducts programmes such as AIDS Rally, AIDS awareness programme and Blood Donation Camp every year by associating with Red Ribbon Club.
12	Botany	<ul style="list-style-type: none"> ▪ <i>Observance of World Environment Day</i> - Special Lecture on ‘Bio diversity and its conservation’ by Dr. Udayan P S (Dept. of Botany, Sree Krishna College), June 9, 2016. ▪ Survey of vegetation in the campus ▪ Maintenance of botanical garden in the campus and introduction of new plant species. ▪ Faculty members are actively involved in the protection of ‘Manjulal’, a sacred tree associated with Guruvayur Temple.

		<ul style="list-style-type: none"> ▪ The department conducted a survey of sacred groves and floristic diversity in Kandanassery Panchayat and identified 33 sacred groves in total.
13	Physical Education	<ul style="list-style-type: none"> ▪ <i>Mother Empowerment programme</i> :Health awareness classes are given to mothers in the college locality.They are encouraged to use the college ground facility for their physical exercise. Mother Wellness Programme is part of this programme.

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

Diverse educational needs of the students are assessed during the time of admission through teacher-parent-student interactions. Advanced learners are identified by analysing the academic performance of students and through the interaction of tutors with students. These students are motivated not only to attain higher grades, but also to excel in various co-curricular activities. The institution has adopted multiple measures to cater to their intellectual needs and to shape their creative, artistic, and leadership skills. Many strategies are adopted to motivate bright students to enter into the arena of research.

- ***Library resources:*** Advanced learners are effectively guided by tutors and other faculty members. They are advised to utilise additional reading materials such as reference books and journals to gain deeper knowledge in their fields of interest. The college library holds a vast collection of books including those for many competitive examinations. Our college is registered with N LIST INFLIBNET and National Digital Library. In addition, a large number of reference books and journals are available in departments. The tutors make sure that the students are fully benefitted by the facilities available in the college. The college has adequate internet facilities for the utilisation of various e-resources. Often they are encouraged to access educational videos and other useful web links.
- ***Walk with Scholar Programme:*** WWS is part of the 'New Initiative in Higher Education' by the Department of Higher Education, Govt. of Kerala for advanced learners to provide guidance for their future. Our college has implemented this scheme in 2014 for mentoring advanced learners. Proper orientation is provided to the students selected under this scheme. The aim of this programme is to give them necessary guidance, motivation and enable them to identify appropriate areas for higher study as well as employment. Both internal and external mentors are involved in the programme. We follow the concept of mentor as a 'guide' and 'friend'. Visits to reputed institutions are also part of this programme.
- ***Guidance for PG Admission:*** Faculty members motivate the students to pursue higher education by providing information on the opportunities in and out of state. Departments arrange awareness classes regarding entrance examinations for admission to the PG courses of reputed universities. Teachers often give special training to interested students. Students are also informed about the coaching classes offered by other institutions and are encouraged to attend these classes.

- **NET coaching:** Coaching classes for NET are conducted for PG students. The institution arranges coaching classes by eminent personalities from various fields.
- **Invited talks and interaction with experts:** Expert lectures and invited talks are organised at department levels, wherein the students are free to interact with eminent scholars.
- **Catering to diverse needs of Advanced Learners:**
 - Advanced learners are encouraged to participate in seminars, present papers and attend workshops organised by reputed institutions.
 - Peer teaching is put into practice through 'Quality Circles' comprising of one or more fast learners and a few slow learners which help both the fast learners and slow learners to improve their knowledge level. In Post Graduate departments, PG students are encouraged to help UG students.
 - Students are motivated to participate in intercollegiate quiz competitions, essay competitions, debates, project presentation competitions, etc. Faculty members give proper guidance to the participating students and also help them to avail additional external resources. Such competitions are also being conducted at the college/department level to promote students.
 - PG students are encouraged to do their project in reputed national /R&D institutes. Every year, 2 to 3 PG students from our institution get opportunity to do their project in institutes like C-MET (Thrissur), NIIST (Trivandrum), IIA (Bangalore), IIT-M (Pune), IGCAR (Kalpakkam), University of Calicut, and Centre for Medicinal Plants Research (Arya Vaidya Sala Kottakkal). Students are selected on the basis of their academic performance.
 - The career guidance and placement assistance cell of the college provides many opportunities and placement benefits for the students. They are given chance to participate in off campus interviews. It provides information to students regarding higher studies on better programmes and the latest avenues.

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 students at the risk of drop out are identified by student-tutor interactions. The tutors-in-charge continuously monitor the academic performance of their students. The tutor-in-charge keeps the attendance register of the students which helps to identify students with attendance shortage. The departments continuously evaluate the students by their attendance, their performance in internal examinations, assignments and seminars. The record of attendance is also submitted to the office when asked for verification. For UG programmes, the attendance and performance of students in other subjects (complementary, common and open courses) are also monitored through interdepartmental interactions. The internal grades and overall performance of the students are analyzed at departmental staff meetings and required modifications for the teaching-learning process are suggested. The dropout rates in each programme, for the last couple of years are shown below.

Table 2.7 Percentage of drop outs in each programme for the last couple of years

Programme		Percentage of drop outs	
		2014-15	2015-16
Under Graduate courses	B.A English Literature	5	4
	B.A Functional English	Nil	1.3
	B.A Malayalam	13.9	8.9
	B.A Sanskrit	10	12
	B.A History	4.5	5.6
	B.A Economics	4	7.5
	B.Com	0.6	1.1
	B.Sc Mathematics	1.8	1.8
	B.Sc Physics	2.5	0.8
	B.Sc Chemistry	1.9	Nil
	B.Sc Biochemistry	Nil	Nil
	B.Sc Botany	4	4
	B.Sc Zoology	1	Nil
Post Graduate Courses	M.A Malayalam	3.3	8
	M.A Sanskrit	Nil	7.7
	M.Com	Nil	Nil
	M.Sc Physics	0.52	Nil
	M.Sc Botany	Nil	Nil

The probable reasons for drop out are analysed at the department level. Except for a few courses, the drop out percentage is very negligible. Some of the students drop out to take up employment. Attraction towards professional courses is also another reason. Ours is an institution that excels in sports as well. Many of our sports students have participated in various national/international events and brought laurels to this college. On the basis of their performance, a majority of the sports students get placed in prominent government institutions and for the same reason they discontinue their studies. However, such students are encouraged to continue their studies by joining distance learning programme. A few girl students discontinue their studies after marriage. All these factors contribute to the significant dropout percentages for certain courses. Drop outs due to academic reasons are rare.

The institution takes up several measures to support and promote students facing academic and financial difficulties. Class PTA meetings are arranged on a regular basis. Parents can meet the tutors and other teachers to analyse their ward's progress. Student and parent can personally interact with each teacher and discuss the difficulties faced in teaching-

learning. Based on the suggestions from students and their parents, remedial classes are arranged to improve their learning capability. Classes for slow learners are also arranged through Scholar Support Program. Special counselling sessions are conducted on requirement. Students facing financial difficulties get fee concession. The scholarship committee of the college provides information regarding State Govt/Central Govt scholarship schemes and gives instructions about the application procedures for the same. All these help to reduce the drop out ratio.

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 council plans and organizes teaching, learning and evaluation schedules, with the support of the IQAC.

- **Academic Calendar:** The college calendar is formulated in accordance with the University academic calendar, which is uploaded in the website at the beginning of an academic year. The working days, holidays, fee structure, rules and regulations, and other relevant information are furnished in the college calendar. The college calendar is distributed among the staff and students at the beginning of each academic year. The council prepares a general timetable for all programmes specifying the distribution of classes. Department wise time tables are prepared by the respective Heads, in accordance with the general time table. The work allotment for different faculty members is specified in the department timetable. Each department proposes an action plan at the beginning of academic year, as per the annual schedule prepared at department level at the end of previous academic year. Academic activities such as seminars, workshops, conferences etc. to be conducted during the academic year are scheduled in the action plan. These action plans are discussed in the council to incorporate suitable modifications. Finally these action plans are approved by the IQAC.
- **Teaching plan:** A department level teaching plan is prepared in all departments based on the academic calendar of the college. The prescribed syllabus is divided among the teachers at the end of an academic year. The teachers prepare teaching plans for each course in the mid-summer vacation. The learning units are organised for each term and recorded in the teacher's diary. Tutors inform the teaching schedule to the students in advance so that they can prepare their assignments and seminars. A detailed schedule of the practical sessions is also planned for lab courses. Dissertation/project work of PG students and final semester UG students are planned by the supervising faculty members. This will help in effective teaching in a time bound manner. Department meetings are conducted regularly to ensure the progress of the completion of the syllabus.
- **Evaluation Blue Print:** College follows the internal assessment scheme prescribed by the University. The Internal Examination Cell prepares a general timetable for internal examinations. A minimum of two internal examinations are conducted in each semester. The questions papers are set according to the pattern specified by the University, so as to cover the whole syllabus. Assignments and seminars are scheduled by the concerned teachers. The Examination cell ensures the smooth conduct of University examinations as well as continuous evaluation activities.

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

The IQAC plays an important role by monitoring the implementation of yearly action plan for all academic and non-academic activities in the college. The IQAC monitors and analyses the progress of teaching and learning process in the college and puts forward suggestions for improvement of teaching quality.

- ✓ Every year it prepares structured questionnaire for collecting student feedback and makes recommendations for further improvement.
- ✓ Periodic meetings with the Heads of the departments are conducted to discuss the academic and non-academic issues.
- ✓ IQAC analyses the results of external and internal evaluation to study student progress. At the end of the academic year, the performance of every department is evaluated and reported.
- ✓ Workshops and seminars by external experts are organised for quality enhancement of faculty members. Teachers are also encouraged to attend orientation courses, refresher courses and need based programmes in emerging areas of study.
- ✓ Promotes ICT enabled teaching-learning by creating awareness among faculty members about modern teaching aids. At the same time, IQAC emphasizes on the distinctive advantages of conventional method of teaching and gives suggestions for making it more effective by combining it with other teaching aids like PPT and audio-visuals.
- ✓ Departmental Seminars and workshops are encouraged and supported. Interdisciplinary studies are also promoted.
- ✓ Research Committee under the IQAC provides information regarding the availability of various research grants for major and minor projects, seminars, conferences, workshops etc., from external funding agencies.
- ✓ Another major contribution of the IQAC is a multidisciplinary research journal 'SPECTRUM', which is under the process of getting ISSN. The first issue is expected to be published by next academic year.

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?

Different departments use various student-centred teaching-learning strategies which emphasize on students' interests, abilities and learning styles. The curriculum is structured to make the learning process more student centric by focusing on methods that enable lifelong learning and creative problem solving skills.

Teachers play a pivotal role in enabling and supporting independent learning. Assignments and homework are given to students on a regular basis which help them to acquire a better understanding of their subjects. The concerned teachers provide feedback on the assignments and homework to lift the student's confidence level. Often they are asked to read and analyse the course material prior to attending class. Students are advised to make maximum utilisation of the library resources. This approach improves their thinking and critical reasoning ability.

Teachers create an interactive classroom environment by forming self-study groups in the class. Interactive lectures, group discussions and group assignments give opportunity to students to explore new areas and probe deep into the subject. In addition, student seminars, presentations, debates, quiz competitions etc. are also conducted to encourage interactive learning. The students are inspired to come up with original ideas.

Group projects are given to develop collaborative learning skills among the students. Laboratory based projects, documentary production, field surveys and demonstrations are some of the commonly employed methods. Industrial visits and study tours are also arranged by several departments.

In a student-centred learning space, students have the flexibility to select diverse knowledge areas and the college provides facilities for the same. All departments offer open courses. UG students can select an open course of their choice. Open courses are intended to promote interdisciplinary learning.

Support structures and systems available for teachers to promote student centred learning

- ✓ ***Library:*** A large number of books, journals, periodicals and other reference materials are available in the general library as well as in department libraries. Students can utilise the facilities available in the library for independent learning.
- ✓ ***E-resources:*** Internet connectivity has been made available in the departments, library and computer lab of the college which allows the students, to use online e-resources for academic purposes.
- ✓ ***INFLIBNET and National Digital Library:*** Our College is registered with N LIST INFLIBNET. It provides access to more than 6,000 e-journals and 1,35,000 e-books. Our institution has also registered with the National Digital Library of India, an initiative by HRD ministry. It is a huge collection of learning resources which the students can use free of charge.
- ✓ ***ICT Enabled teaching:*** The ICT facilities are effectively utilised by the students and teachers for power point presentations and seminars.
- ✓ ***Infrastructure:*** The College has adequate infrastructure facilities to meet the growing academic need of the students.
- ✓ ***Laboratories:*** Computer lab and Science laboratories are well equipped and devised to promote collaborative learning among students. Facilities are provided for doing group /individual projects. Hands on experience provided in the lab will help them to develop their mental ability and practical skills.
- ✓ ***Other supporting strategies:*** Teachers actively take part in seminars, workshops and other training programmes to upgrade their knowledge and teaching methodology. This will in turn foster student centric learning activities in the college.

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?

Critical thinking, creative ability and scientific temper are nurtured through various curricular and extracurricular activities held in the college.

- ***Curricular Activities:*** Critical thinking and reasoning is a part of the learning programme for all UG programmes and students are given many exercises involving staging drama and role playing to enhance critical thinking. Students are initiated into activity-oriented learning which enables them to think out of the box. Their reading material contains examples from everyday life as well as unique situations which wean the students away from rote learning.

A clear idea of methodology is necessary for the attainment of scientific attitude in learning. Unique methods are needed for the effective transaction of ideas. The university has included methodology courses in the syllabus of UG programmes. As a result, the students can utilise their skills and abilities critically and

scientifically. The group projects done by UG students and the individual projects done by PG students facilitate them to be acquainted with research methodology and to develop research aptitude, scientific temper and creativity. Industrial visits and study tours are also part of curriculum. Student seminar is an integral part of continuous evaluation which enhances the critical thinking ability and communication skills of the students.

Open courses are offered for UG students through which the students get a basic knowledge on different subjects and develop inter disciplinary learning. The Functional English programme has 'Theatre Studies' in its curriculum. This course helps to bring about structural changes in the perspectives of students vis-a-vis the syllabus. Theatre is used as a powerful learning tool.

➤ ***Extracurricular Activities:***

- All departments organise interaction with experts and invited talks on socially relevant topics as well as on spirituality. Students get opportunity to interact with eminent scholars which help them to widen their thinking.
- Students are given chance for active participation in the organizing of seminars, presentations and exhibitions organised at the department level so as to develop their knowledge level and organisational skills.
- Various clubs and forums have been set up to nurture students' creativity and critical thinking.
- Students are encouraged to participate in various quiz programmes, essay competitions, seminar competitions, project presentation competitions etc. organized by the College as well as neighbouring institutions. They are also encouraged to attend seminars and academic meetings organised by reputed institutions.
- Every year college conducts various programmes like 'Pookkalam' competition, 'Payasamela', in connection with ONAM celebrations; 'Cake Fest', and 'Crib making' in connection with CHRISTMAS; and 'Mehandi Fest' in connection with Id-UI-Fitr. All these activities promote creativity of students in various arenas and promote awareness on the necessity of developing communal harmony.
- Students Union activities give opportunities for students to recognize and nurture their creative talents. Arts Festival is conducted every year by the Students Union to explore the artistic talents of the youth. Selected students participate in D-Zone and Inter Zone Youth Festivals, which provide wide exposure platform for aspiring young artists.
- Students become involved in the administrative affairs of the College through the Students Union. Students Union activities develop public speaking skills, social awareness and empathy towards community members, among the students. Students also play active role in the organization and implementation of Sports meet, publication of College Magazine etc.
- Students of many departments prepare manuscript magazines, wall magazines and posters on relevant topics. Developing the sense of social responsibility is given importance in these activities.
- Expertise of sports students is used in organising sports meet by local bodies.
- NCC/NSS organises various activities throughout the year emphasizing value education, social inclusion, environmental awareness, character formation and respect towards elders.

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.

- **Internet Connectivity:** Internet connectivity is available in all departments. All departments are equipped with computers and printers. Limited Wi-Fi facilities are provided in the college. The teachers and students can access various e-resources for teaching and learning.
- **Smart classrooms:** Class rooms with modern teaching aids like interactive board, LCD projectors and smart board are available. Teachers make optimum use of these technologies to enhance the effectiveness of teaching-learning process. Power point presentations and videos are implemented for teaching. Students are also encouraged to employ modern technologies for presenting their seminars and projects.
- **Seminar Hall:** The seminar hall of the college is equipped with LCD projector, a Visualiser and crowd addressing system.
- **E-resources:** The College is registered with INFLIBNET and National Digital Library, which serve as virtual repository of learning resources
- **Computer Lab:** There is a computer lab for general purposes like net browsing, taking print outs and DTP work.

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

Faculty and students are exposed to advanced level of knowledge and skills through expert lectures, seminars and workshops. Seminars are organized by different departments with the aim of updating the students and teachers with the recent trends in various subjects. Invited lectures and interaction with eminent scholars are organized at department level. Faculty members participate and present papers in national/international seminars and conferences organized by other institutions. Maximum encouragement is given to students to participate and present their research findings in such seminars. Teachers participate in refresher programmes in various universities all over India. Workshops are organized on Performing arts which expose the students to the nuances of our traditional theatre, *Koodiyattam*. The availability of ample learning resources and programmes such as quiz, debate, group discussions, poster presentations organized by various departments enhance the competency of the students and inspire them towards reaching higher echelons of learning.

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 follows a tutorial system which has proved to be highly effective in rendering support to students. The tutor-in-charge interacts with students in person and give them motivation and suitable guidance. The following are the various facilities provided in the college for the academic, personal and psychosocial development of the students

- **Scholar Support Programme (SSP):** Our college has implemented this programme from the academic year 2014-2015, to assist slow learners through tutorials, additional lectures, interactive sessions etc. and by providing materials and question banks. Our college has selected 5 subjects viz., English, Mathematics, Physics, Chemistry and Economics. In the beginning, only first year UG students were considered for this programme, as directed by the council. At present, the programme includes 2nd year and 3rd year UG students also. The following table gives the no. of students selected for each year.

Table 2.8 No. of students selected for Scholar Support Programme

Academic Year	No. of students selected
2014-15	50
2015-16	100
2016-17	150

- **Walk With Scholar:** Selected students are provided with academic mentoring under the Walk with a Scholar Programme. The teacher acts as a mentor, facilitator and guide. He/she helps the students to achieve their career goals by giving them guidance and support for further learning. Both internal and external mentors are involved in this programme. At present, 90 students (mentees) of various UG programmes have been selected for this programme. 15 faculty members have been appointed as internal mentors. Each internal mentor is in charge of six mentees.

Table 2.9 No. of students selected and mentoring sessions for WWS Programme

Academic Year	No. of mentees	External mentoring sessions provided
2014-15	30	3 sessions (5 hours each)
2015-16	60	6 sessions (5 hours each)
2016-17	90	9 sessions (5 hours each)

- **Career Guidance and Placement Assistance Cell:** The Centre assists the students in career planning and provides information on employment opportunities and higher studies. Coaching classes are organised on a regular basis for equipping students to attempt competitive examinations and to face interviews. The centre offers all facilities for conducting appropriate tests and interview for the campus recruitment process.

During the academic year 2013-14, about 25 students of our college got placed in various reputed firms like IBM, HCL, Techno Park, TCS, Wipro, South Indian Bank, Indian postal service, etc. Two of our students stood first and second in All Kerala competition of emerging Kerala IT talent test. Through campus interview, 6 final year students (Degree and PG) were recruited to additional skill acquisition programme (ASAP) as Skill Development Trainers. 28 students got selection for the

final lap of BPL campus interview. In 2016, Campus Recruitment Programme was conducted for the post of probationary clerks in South Indian Bank. 22 students were short listed for Group Discussion & Personal Interview and 2 students came out successful in the selection process held on 18 July 2016.

The Cell conducts intensive training programme for 2nd year and final year UG students with the collaboration of TIME institution. The cell also conducts classes on quantitative aptitude, reasoning, verbal ability and current affairs for the final year students, in collaboration with IMS.

- **Anti Ragging Committee** : The Anti-ragging Committee constituted in the College is committed to prevent instances of ragging and will take care of complaints from victims of ragging, if any, with utmost care for ensuring justice. The consequences of ragging and Hon. High Court directions on the same are clearly stated in the college calendar. The present convenor of the cell is Dr. Sreeja T.D. (Assistant Professor, Department of Chemistry). Signed affidavits are collected from both students and parents, at the time of admission, as per the directions of UGC. The cell organises legal awareness classes, for all students in the college.
- **Students' Grievance Redressal Cell**: A six member committee under the guidance of Smt. V S Sasikala (Associate Professor, Dept. of English) has been constituted to look into the grievances of students and take necessary actions to resolve them.

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?

The College insists on employing interactive teaching with the use of modern teaching aids. Faculty members have taken several initiatives to implement creative and innovative teaching-learning methods which have proven to be successful in boosting the performance of students as well as teachers. The following measures are adopted which are equally beneficial to advanced learners and slow learners.

- Use of power point presentations, LCD projectors, interactive board etc. to promote interactive and participatory teaching and learning. Students are also encouraged to present their seminars using power point presentations.
- Availability of internet facility in the campus gives access to numerous scholarly articles, reports, educational videos, lectures by eminent scholars etc. This facility is extremely helpful for the students while preparing for group discussions, project works and presentations.
- Group learning and Active learning approaches are promoted. Small peer study groups ('Quality Circles') are formed, where bright students help weak students. Students are made to engage in activities like reading, creative writing, group discussions and problem solving under the supervision of the teacher. These approaches not only improve their learning capability but also boost their confidence levels.
- Open book test papers in certain subjects are introduced to UG and PG students
- Students are advised to explore the computer facilities available in the college. The College maintains a well equipped computer lab. Programming, Data analysis, scientific, accounting and office software are made available in the computer lab. Students are allowed to avail computer facility in their departments.

- Steps are taken to promote interdisciplinary studies and research. Interactions with experts are arranged by each department. Students with good academic profile are sent to reputed national/R&D institutions for summer projects and internships.
- Clubs like Readers club, Entrepreneurial Development Club, Physics Forum etc., discover and encourage the skills of students.
- Workshops, Performance and Demonstration classes are organised by language departments whereby the students learn poetry, story, drama etc. through recital, performances and acting.
- Theatre is used as a powerful tool to encourage the histrionic talents of students as well as to aid their learning process and thereby relating it to contemporary social issues.

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

The College library serves as an open environment to the faculty and students to foster their academic creativity. The General library located in the main building is a treasure trove of books. It holds a rich collection of over 55,000 books, including encyclopedias, books for competitive exams, poetry, fiction and non-fiction and books on science, philosophy, religion, sports etc. It subscribes to all prominent newspapers and magazines in Malayalam and English. The housekeeping operations of the Library are automated with the software—‘Book Magic 5.0’. The library extends out its service to the users through the Online Public Access Catalogue (OPAC).

There are 2 reference sections in the general library. The library functions in a partially decentralized manner, by keeping subject specific books and journals in respective departments. Through this facility, textbooks and reference books are made easily accessible for students. New books are purchased with the aid of UGC grants and State Govt. grants for UG and PG programmes. The Library Advisory Committee assures that the library have sufficient number of copies of textbooks and reference books, required by the faculty and students. The College has registered with INFLIBNET and National Digital Library and ICT enabled teaching-learning is highly promoted. Educational CDs and e-resources are available in the General Library. Computers with internet facility are also accessible for the students. The teachers promote the students to make maximum use of the library resources. Students update themselves by reading various newspapers, magazines and journals in the library. Library hours are allotted by the concerned teachers and students are insisted to do reference work for their assignments. They are motivated to refer to encyclopedias and other reference materials for seminar presentations. Project reports, dissertations, theses etc. of faculty members and students also are available in the department libraries and students can refer to them.

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.

As per the University calendar, the total number of working days in a semester is fixed to be 90. The curriculum and syllabus for all programmes are framed accordingly. Every teacher prepares unit wise teaching plans for each semester at the beginning of the academic year. However, the actual number of teaching days in a semester is sometimes less than this prescribed number of working days due to unforeseen reasons beyond our control such as student strikes, hartals, bus strikes and holidays due to natural calamities. Delay in the

admission process by the University and unexpected postponement of semester examinations are also among the challenges encountered by the institution in completing the curriculum within the planned time frame.

Each department takes maximum effort to compensate for the lost working days by arranging special classes so as to cover the whole syllabus. The institution follows a common time table for the internal examination. The Examination cell of the college makes all effort to complete internal examinations within the scheduled time. It is also assured that the components of continuous evaluation processes such as assignments and seminars are completed in time.

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

The monitoring and evaluation of the quality of teaching-learning is mainly carried out by the IQAC of the college. A teacher's diary is provided to all the faculty members at the beginning of each academic year. The maintenance of teacher's diary reinforces the quality of teaching and learning through the systematic recording of classroom activities. Teaching quality can be improved to a great extent by analysing the feedback from students. The IQAC prepares structured feedback questionnaires for the students, to evaluate the quality of teaching and learning. Teacher appraisal feedback forms for each teacher are distributed among the students. The filled-up forms are collected and recorded by respective teachers. College council, general PTA and class PTA meetings also provide feedback on infrastructure and learning facilities of the college and performance of faculty members. Student feedback is scrutinized by the IQAC. In case of grave complaints, teachers concerned are informed and motivated to take necessary steps for avoiding such complaints in the future.

The quality of teaching and learning is reflected in the student progress. Each department collects and analyses the results of internal and external evaluation. The results are compared with those of previous batches and also with those of neighbouring colleges. Based on this, the department takes necessary measures for improvement. The examination results are also analysed by the IQAC, which plans and implements strategies for making teaching-learning process more effective.

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

Recruitment

Being an aided College, faculty recruitment is done strictly as per the norms and policies of the UGC, State Government and University. The vacancies are calculated as per the existing hours of workload. When appointing new teachers, the requirement of the curriculum is also taken into consideration, although this cannot be a criterion of selection. The appointment procedure of the permanent faculty involves the following steps:

- Applications are invited through advertisement on the websites and in a minimum of two local newspapers and a National daily. The number of vacancies in the subjects, the required essential qualifications and the last date for receiving applications are notified.

- Applications received are scrutinized and qualified candidates are informed of the date of interview.
- The interview is conducted by the panel comprising the Manager, the Principal, the Government nominee, and the Subject Expert nominated by University
- Results of the interview are published and the selected candidates are informed.

In the selection process, preference is given to candidates with consistently good academic records, research degrees, publications in peer reviewed journals and having presentations in conferences and seminars. Additional qualifications like M.Phil, Ph.D etc. and teaching experience are given special credit. During the last five years, 27 permanent faculty members were appointed to fill up the vacancies.

Appointment procedure of temporary faculty is also stipulated by the State Govt/University rules. It involves advertising of the post and interview by the Principal, Head of the Department and a Management nominee. At present, only those candidates who have already registered their names with the office of the Director of Collegiate Education can apply for these posts. The selection to various positions is made on the basis of an interview where academic excellence and teaching ability are given maximum importance.

Retention

A period of one year is considered as probation period, before giving permanency to the post. During the probation period, the institution assesses the performance of the newly appointed candidates. If the Institution finds their performance satisfactory, their position is confirmed. The permanent faculty is paid as per the UGC norms. They are also given eligible promotions and other service benefits after the approval of the University. Newly appointed teachers are encouraged to attend orientation programmes, refresher courses, seminars and conferences to meet the changing requirements of the curriculum and to improve the quality of education. Temporary faculty is paid on hourly basis as per the guidelines of Government of Kerala. The salary of faculty for self financing courses is met from the income generated from the course. The following table shows the present faculty profile of the college.

Table 2.9 Present Faculty Profile of the college

Highest Qualification	Associate Professor		Assistant Professor		Total
	Male	Female	Male	Female	
Permanent Faculty					
Ph.D	2	2	12	10	26
M.Phil	1	1	1	3	6
PG		4	2	13	19
Temporary Faculty					
Ph.D			1	2+1(FDP vacancy)	4
M.Phil				5	5
PG			1	22	23

The commitment of the institution to academic excellence is evident from the fact that **50%** of permanent faculty members are holding PhD Degree.

No. of teachers doing Ph.D : **9**
No. of teachers who have submitted PhD theses : **2**

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

The decreasing number of qualified senior faculty and changes introduced in the curriculum with emerging topics is a matter of concern in all higher education institutions. Following are the efforts taken by the institution to handle this issue.

- The college creates ample opportunities to strengthen the professional competency of the existing faculty to deal with modern topics.
- IQAC identifies the deficient areas of knowledge of the faculty members, gives information regarding need based refresher courses and recommends the faculty to attend the same.
- The college always encourages the faculty to attend orientation courses, refresher courses, national and international conferences/seminars and workshops so as to update their knowledge in emerging areas of study.
- Experts are invited to deliver lectures on emerging areas of study to update the knowledge of the faculty and students. College also organizes expert lectures by eminent retired faculty.
- Involvement in research activities is another opportunity for quality improvement of the faculty in the concerned subject. The College takes initiatives to upgrade PG Departments as Research Centres. Currently the college has two approved Research Centres of the University.
- *Fostering Linkages in Academic Innovation and Research (FLAIR)* is a mission mode programme of the Department of Higher Education, Government of Kerala. The main objectives of this programme are to raise the standards in Teaching-Learning by equipping new generation teachers with innovative skills through internship - both national and international, to promote excellence in research and to establish a web based network of academicians for knowledge enhancement. At present 5 faculty members from our college have been selected for this programme and one has obtained international internship.

All these efforts have improved the academic performance of the College. Fifty percentage of the permanent faculty have a Ph D degree and most of them have vast research experience and expertise in emerging areas. Many of the faculty have attended and presented papers in conferences, seminars, workshops and extension lectures organized by other institutions. Some of the faculty are frequently invited as resource persons to deliver lectures in neighbouring educational institutions. Two of our faculty members were awarded with Indo-US Raman Research Fellowship for post doctoral research. Dr. Rajesh K R (Assistant Professor, Dept. Of Physics) completed his PDF during the period December 2013 – 2014, from Oregon State University, USA. Dr. M Jayasankar (Assistant Professor, Dept of Chemistry) is currently doing Post Doctoral studies at the State University of New Jersey, USA. Dr. Ambili K (Assistant Professor, Department of Economics) has been selected for International Internship for the year 2016 under the FLAIR programme. As an outcome of the internship she submitted a project proposal on “Development Education”, in collaboration with the University of Derby, England.

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

Table 2.10 Number of Faculty members who attended Staff Development Programmes

Academic Staff Development Programmes	No. of Faculty Attended
Refresher Courses	17
HRD Programmes	-
Orientation Programmes	27
Staff training conducted by the University	-
Staff training conducted by other institutions	6
Summer/winter Schools, Workshops etc.	5

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

Table 2.11 Faculty Training Programmes organised by the College

Programme	Resource Person
Seminar on ‘Handling new curriculum in the context of CBCSS’	Dr. C.L Joshy, Associate Professor in Chemistry, St. Thomas College, Thrissur
Seminar for faculty on “Quality Assurance in Higher Education”	Dr. V. K Vijayakumar, Retd Associate Professor, Sree Krishna College, Guruvayur
Orientation class on NAAC peer team visit	Dr. Tharsis Joseph, Retd Principal, Devamatha College, Kuruvilangadu
Talk on ‘Best Practices in Teaching’	Dr.Ambili K, Assistant Professor, Sree Krishna College, Guruvayur.

b) Percentage of faculty

Table 2.12 Faculty representation in workshops/seminars/conferences

	Percentage
Invited as Resource persons in workshops/seminars/conferences organized by external professional agencies	20%
Participated in external Workshops / Seminars / Conferences recognized by national/ international professional bodies	78%
Presented papers in Workshops / Seminars / Conferences conducted or recognized by professional agencies	72%

Strategies adopted by the institution to ensure and promote teacher quality

- To promote ICT oriented teaching-learning
- Updating learning resources in the library
- Insist faculty to acquire research degrees and present research papers in national/international conferences and seminars

- Encourage faculty participation in national and international seminars, conferences etc.
- Organise expert lectures and classes by eminent personalities
- Facilitating the faculty to attend various faculty development programmes like orientation and refresher courses.
- Provide infrastructure facilities required to improve the quality of teaching.
- Collecting Student feedback on Teachers in the prescribed format for self improvement
- IQAC has adopted One teacher-One project strategy and insists the faculty to submit proposals for major and minor research projects for financial support.
- IQAC has appointed a Coordinator for consultancy services to facilitate the faculty to undertake consultancy projects.

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

The institution creates many opportunities to recharge the faculty.

- **Faculty Development Programme:** The teachers are encouraged to apply for the UGC Faculty Development Programmes (FDP) wherein they get two or three years of leave with salary, to complete their research towards Ph D or M Phil degree.
- **Study Leave:** The faculty can avail study leave for post doctoral research in any of the universities in India and abroad. Duty leave is sanctioned for participating in orientation and refresher courses.
- **Minor/Major Research Projects:** The institution encourages and supports the faculty to apply for the Major/ Minor projects of UGC and other funding agencies. One teacher-One project programme is introduced for this purpose.
- **Research Centres/Research Guides:** The institution takes earnest steps to upgrade PG Departments to Research Centres. The college has two approved research centres – Department of Botany and Department of Physics. Faculty members are promoted to apply for research guideship at various centres. The teachers are provided with academic freedom for their individual research and publication of their research findings.
- **Seminars/Conferences:** The institution encourages the teachers to submit proposals to UGC and other funding agencies to get financial support for conducting seminars and conferences. Faculty can avail duty leave for attending and/or presenting papers in seminars, workshops and conferences. Duty leave is sanctioned to faculty invited as resource persons in workshops/seminars/conferences organized by external professional agencies.
- **Seed money :** The college has launched a ‘Seed money’ scheme for advancing the initial expenses of research projects and publications.

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 institution has a culture of constantly recognising and encouraging faculty members with academic excellence. It encourages the faculty to participate in various seminars, workshops and training programmes.

The following faculty have received awards/recognition in the past five years.

Table 2.13 List of faculty members who received Awards/Recognitions

Sl. No.	Name	Awards/Recognition
1	Dr. Sudha E K	Winner of the <i>Sadguru Award for best teacher</i> instituted by University of Calicut, for the year 2014
2	Dr. Udayan P S	Dr. Abdul Kalam life time Achievement National Award for teaching, research and publications from International Institute of Social & Economic Reforms , Bangalore in 2015.
3	Dr. Ambili K	Selected for International Internship in the University of Derby, England, for the year 2016, under FLAIR programme for learning best practices in teaching and learning

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

Yes. Periodic evaluation of faculty is done by students and external peers

- The IQAC of the college annually distributes structured students' feedback form on the performance of teachers. The teachers collect these reports, make a self appraisal for improvement and file these reports.
- Parameters such as knowledge base of the teacher, communication and presentation skills, helping mentality, availability outside class, regularity and punctuality are evaluated through the feedback form.
- The tutorial system also helps students express their opinion on all aspects, especially that of teaching- learning. Students can share their views and ideas to the tutor-in-charge, Head of the Department and the Principal.
- Suggestions from parents are collected through personal interactions at the PTA meetings
- The College also gets formal and informal feedback from the alumni and retired staff through the official website and also during alumni meetings, retired staff meetings etc.
- Faculty members who are invited as resource persons to other institutions get a feedback from the concerned institution head.
- Employer feedback is also collected on the skills of the alumni of the college employed in their organisations and the deficiencies, to bring out further improvements needed in the teaching-learning process. A link for the same is provided in the college website.

The result drawn from the data thus collected is analyzed and discussed at department meetings and staff council. The teachers make necessary improvement and adopt remedial measures to serve students better, thus improving the quality of the teaching-learning process.

2.5 Evaluation Process and Reforms

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

- **Orientation courses:** Departments conduct orientation classes for the first semester UG and PG students immediately after their admission. The tutors give a clear idea to the students regarding the continuous evaluation process and internal assessment criteria. During PTA meetings the department heads explain these to the parents too.
- **Information on University Examination dates:** University examination calendar with detailed time table is available from the university website. Examination dates are notified in regional newspapers also. The College Council conveys the examination dates to the staff members. Practical examination dates are announced in the regional wise board meetings conducted by Practical Board Chairman. Heads of Science Departments ensure staff representation in all these meetings. The students are informed about examinations through notice board and office announcements.
- **Previous Question Papers:** The previous question papers of university examinations are made available for reference at the department library. This enables both teachers and students to familiarise with the evaluation pattern.
- **Examinations:** The College regularly conducts a minimum of two internal examinations in each semester. As a result, the students become familiarized with the examination pattern of the university. In addition to this, class tests are also conducted.
- **Training Programmes:** Faculty members attend training programmes and workshops conducted by the university on new evaluation systems like CBCSS. Those who have received such training impart the new methods to the other faculty members of the college. The college also ensures staff representation in practical board meetings and centralised valuation camps.

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

- **Reforms of the University**

The University of Calicut introduced Choice Based Credit and Semester System (CBCSS) for Under Graduate programmes from 2009 onwards and Credit and Semester System (CSS) for post graduate programmes from 2010 onwards. Being an affiliated college of the university, the college follows the teaching and evaluation reforms of the university. The evaluation scheme for each course contains two parts, viz., continuous internal evaluation and an end semester external evaluation. A project work is conducted in 6th semester for all UG courses and in 4th semester for all PG courses. Direct grading system is followed for PG programmes.

For UG programmes, direct grading system was followed upto 2014. For direct grading system, 25% weightage is set for internal assessment and 75% for external assessment. From 2014 admissions onwards, the university has reformed the evaluation scheme for UG courses by introducing *indirect grading system* in 7 point scale. Mark system is followed instead of direct grading for each question. 20% of the total marks in each course

are for internal evaluation and 80% for external evaluation. Each course is evaluated by assigning marks and subsequently converting into the corresponding letter grade by the method of indirect grading scheme followed by the University.

The University has introduced online examination management system for all courses. The application forms of the students for the end semester examinations are submitted online from the college. The university issues the hall tickets online. The internal evaluation marks of the students also are uploaded to the university by the college through the portal.

- **Reforms initiated by the institution**

The College has centralised the execution of the internal examination process for different programmes. An Internal Examination cell, under the Chief Superintendent, functions in the college to conduct and supervise internal examinations. This is done to facilitate the faculty to get expertise on conducting examinations. Common internal examinations are conducted twice in a semester. The question papers for the internal examinations are set in the university examination pattern. The cell ensures the publication of internal examination results in time.

As a part of continuous evaluation, teachers concerned also give assignments, group activities and conduct class tests. Peer evaluation process is introduced for such activities wherein the students are asked to submit their work and then evaluate the work of their peers.

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 has adopted several measures to ensure effective implementation of the evaluation reforms of the university and those initiated by the college.

- ***External Evaluation Process:*** The College has constituted an Examination cell with two senior faculty members as the Chief Superintendent and Assistant superintendent. They are supported by 2-3 office staff. The invigilation duty is evenly assigned to faculty members. The chief superintendent makes sure that the invigilators perform their duty with utmost care and seriousness. The college strictly adheres to the norms of the university in this regard.

Majority of the faculty members take up duty as external examiners for practical examinations and viva voce conducted by the University. The college also insists on active participation in centralised valuation camps and board meetings.

- ***Internal Evaluation Process:*** The internal assessment of both UG and PG programmes is strictly in accordance with the scheme put forth by the University. Proper orientation on the evaluation process is given to the students at the beginning of their course of study. **Attendance**, an important component in the internal assessment, is marked regularly by the class-in-charge and the register is kept for verification by higher authorities. Students with below 75% attendance in a semester can go for condonation of shortage upto a maximum of 20%, by the University, provided there are genuine medical reasons. **Seminars** and **assignment topics** of each paper are given in the beginning of each semester and evaluated in due time by the respective teachers, so as to promote student centric learning. **Two internal examinations** are conducted for a semester. The planned dates of examinations are announced much in advance. Retests are conducted for those who miss the exams on genuine grounds, like clash of dates due to participation in Sports, Arts, NCC or NSS activities etc. The Internal Examination Cell of the college monitors the conduct of

the internal evaluation process. The college strictly follows the specific rules put forth by the University for internal assessment in practical and project/dissertation work for different courses. Apart from the mandatory components of internal evaluation scheme, class tests, case studies and group activities are also conducted as a part of continuous evaluation. Peer evaluation process is practiced in class rooms. This improves students' understanding of the course material as well as their meta-cognitive skills.

- ***Publication of internal evaluation results:*** Each department publishes the draft internal evaluation result on its notice board, so that the students get enough time to confirm the marks/grade awarded to them. The final copy is published after redressing student grievances, if any. The Internal Examination Cell ensures that the results are published in time. The return of evaluated answer script, publishing of internal grades and class PTA meetings are done on respective dates, so as to comply with the Academic Calender. The Principal issues necessary instructions in this regard. The internal grades are uploaded in the university website as and when the site is opened by the university for this purpose.

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.

Formative Assessment

The main components of formative assessment are attendance, assignments, seminars and two internal examinations. The internal assessment scheme ensures continuous and consistent measurement of student progress. Other methods like class tests are also adopted by individual teachers for assessing student progress. Active learning is practiced in classrooms instead of the traditional passive instructional style. Problem solving, peer teaching and evaluation, debates, group discussions, project works, surprise tests, quiz etc. are conducted to create an active learning environment. 20% of the total weightage of marks is assigned for internal assessment.

The formative assessment helps the students to identify their strengths and weaknesses. Strict monitoring of attendance improves student's punctuality, regularity and involvement in studies. The assignments and group projects enhance critical thinking ability and self learning skills of the students. Student seminars and power point presentations help to develop better communication and presentation skills. The practice of peer teaching and peer evaluation respectively help the students to reinforce their own learning and develop meta-cognitive skills. Other positive impacts of formative assessment include confidence gained by students to appear in University examinations and problem solving capability. The analysis of internal assessment helps the teacher to modify his/her teaching methods according to the academic level of students, thereby helping the students to perform better in their summative assessment. Students are also provided with opportunities for holistic development.

Summative Assessment

Summative assessment is the final assessment at the end of every semester and is carried out by the University. For all programmes, a three hour written examination is conducted for each theory paper. Science students have to take practical examinations also. Project report presentation and viva voce are conducted for final semester UG and PG

students. For certain courses, study tour report is also a component in summative assessment. The time schedule of all these is fixed by the University and the evaluation is also done at the University level. The participation of students in sports, arts, NSS, NCC are also considered in the summative assessment process and deserving students are given additional weightage in the form of grace marks as per University rules.

The positive impacts of the present evaluation approach are

- Accomplishment of academic excellence and in-depth knowledge of subject.
- Promotion of research aptitude and the creation of a scientific temper.
- Overall development of students
- Formulation of newer strategies for effective teaching

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

The college ensures 100% transparency in the internal assessment. Weightage for internal assessment is based on University regulations. For theory papers, internal assessment is done on the basis internal examinations, attendance, seminar/viva voce and assignment. Internal assessment of practical papers as per University regulations is based on two internal examinations, participation in lab (attendance), regularity and record work. Assignments and project work are integral components in continuous evaluation which promote independent learning among students. Seminars and viva voce are conducted to assess communication and presentation skills.

The following measures are employed to ensure rigor and transparency in the conduct of internal assessment.

- Attendance is an integral part of internal evaluation. Attendance records of students are strictly maintained by the class teachers. This is also displayed on the department notice board twice in a semester
- Centralised internal examinations are scheduled and conducted by the Internal Examination Cell. The cell ensures confidentiality through strict monitoring of question paper setting and submission. Faculty members are insisted to take up invigilation duty with utmost strictness and seriousness as in external examinations.
- The Examination Cell ensures that the internal examination results are published in time. The valued answer scripts are returned to the students for verification.
- The students are insisted to complete all components of internal evaluation including assignments and seminars on time. Retests are allowed only on medical/genuine grounds. Sports students and students participating in arts festivals are allowed to take retest if the exam dates clash with their programme schedule.
- Internal evaluation results are published on department notice boards on the date instructed by the Principal. It is assured that the students get enough time to examine the marks/grade awarded to them. The internal evaluation results are also discussed with parents during class PTA meetings
- The final copy of internal assessment is published after redressing student grievances if any. The class teacher keeps a record of each student.

- The internal grades are uploaded in the university website when the site is opened for the purpose. The copy of the uploaded mark list is also published on the notice board for final verification.

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

The graduate attributes of the university include academic excellence, professional excellence, development of skills, technology application, communication and presentation ability, research culture, social commitment and ethics. The University aims to disseminate knowledge and values to the young generation, cultivate the habit of scientific thinking and competence, promote quest for excellence and serve as a catalyst for the overall economic, social and cultural development. The curriculum of the University has been particularly designed to achieve these attributes and mould the students into well balanced citizens. UG programmes are offered based on the need of the society and with highly flexible choices of selection. The PG programmes have been designed to suit both basic and applied areas of knowledge. Research programmes focus both on basic and applied aspects so as to address the challenges of the changing world.

The graduate attributes of the college are clearly stated in its vision and mission. The college aims to empower its students to seize the opportunities of tomorrow and to facilitate competence and continuous improvement in quality. Along with academic excellence and professional skill development, the college aims in enhancing personal attributes such as imagination, creativity, leadership quality, communication skill, entrepreneurial skill, social commitment, patriotism, communal harmony, ethical and moral values and civic responsibilities.

The graduate attributes of university and college are attained by adopting innovative practices and participative learning. The curriculum and syllabi of many programmes are designed so as to help students achieve the graduate attributes and other skills. Knowledge and research culture are imparted through a number of invited lectures in addition to classroom lectures. Home assignments and report writing improves the writing ability. Seminars and projects are part of curriculum which helps the students to improve their communication-presentation skills and creativity. Group activities enhance leadership capacities and the ability of students to work together. The Students Union and clubs and forums like Readers club, Quiz club, Debate club, Entrepreneurial Development Club, Physics Forum etc. organize a variety of programmes in the college. Activities of Nature Club and Bio Diversity Club develop environmental consciousness among the students. The activities of NSS and NCC instil qualities like service mentality, humaneness and tolerance, create a sense of justice and integrity and make them increasingly aware of promoting inclusiveness thereby producing a socially committed student society. Other initiatives taken by the college include workshops, seminars, blood donation camps, awareness campaigns on legal rights, career guidance and women empowerment programmes.

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

- ✓ ***College Level:*** The results of internal evaluation are published on the noticeboards of respective departments before finalising. The students get an opportunity to verify their results. The students with grievances regarding the published results can approach the concerned teachers or their tutor-in-charge. If the aggrieved student is not satisfied with the department decision, he/she can approach the Student Grievance

Redressal Cell of the college. The grievance cell attends to the needs of the students and takes necessary steps to solve their problems.

- ✓ **University Level:** Grievances on University examination results have to be submitted as per the University rules. After the publication of results, they can place special request of revaluation of their answer scripts. A scrutiny of answer scripts is also allowed. Opportunities are provided for improving the grades/marks of the students.

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 students and staff of the college are made aware of the learning outcomes. The stated learning outcomes are set as the objectives which are compared with the achievements of the student, for evaluation. The vision of the institution also supports the accomplishment of competent outcome.

The University has prescribed syllabus for each course of study, clearly stating the learning outcomes. The provided curriculum is perused by the Head of the Departments. They distribute the syllabus among the faculty members. A discussion is set forth prior to the commencement of the semester by the HOD and faculty members of each department. The learning objectives – course wise and paper wise – are set at the beginning of academic year. On the day of admission students and their parents are informed about the syllabus, curriculum patterning and learning objectives. The class tutors discuss the details of the syllabus in the respective classes. Each department develops teaching strategies in accordance with the prescribed learning outcomes. Continuous evaluation is strictly employed. Students are motivated through various orientation programmes and interactive sessions. Seminars, workshops and career guidance counselling are organised by the college and various departments to attain the learning outcomes.

In addition, various extracurricular activities are organised to instil ethical values, social commitment and environmental consciousness among students. Art and cultural activities are encouraged to promote the creative and artistic sensibilities of students which go a long way in widening their horizons of learning.

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

The institution systematically monitors and communicates the progress and performance of students. Following are the methods used in this regard.

- Tutorial system is followed by virtue of which continuous evaluation of students becomes effective. The tutor-in-charge monitors the overall academic progress of the students.
- Attendance records are maintained by each teacher. These are displayed twice in each semester. The percentage of absence is communicated to all students. Class teachers inform the parents immediately if their wards show lack of interest in studies or are regularly absent.

- Internal examinations are conducted regularly and the results are published in time. The valued answer scripts are returned to students for verification.
- Consolidated mark list of internal assessment is displayed on the notice board of concerned department.
- Department meetings are conducted to discuss and analyse the results of internal and external assessments. Steps for improving teaching learning process, on the basis of the analysis, are planned and implemented. The IQAC also monitors the results and suggest corrective measures, if needed.
- Class PTA meetings are conducted on a regular basis to discuss academic progress of the students with their parents.

Programme/course wise results during last four years are given in the following table.

Table 2.14 University Examination Results for last 4 years

Sl No.	Department	Programme	% of Pass			
			2013	2014	2015	2016
1	English	UG	66	80	76	51
2	Functional English	UG	74	60	80	62
3	Malayalam	UG	57.1	63.2	76	55.6
		PG	75	85.7	79	Result awaiting
4	Sanskrit	UG	58	58.8	47	41.2
		PG			67	100
5	Economics	UG	92	84	86	80
6	History	UG	52	38	62	62
7	Commerce	UG	92	90	91	95
		PG	82	100	90	Result awaiting
8	Mathematics	UG	70	68	58	56
9	Physics	UG	64.7	67.5	50	50
		PG	90	72.7	73	75
10	Chemistry	UG	53.3	61.5	68	50
11	Biochemistry	UG	86.4	85.7	73	100
12	Botany	UG	55.2	67.9	87	60
		PG	100	91.7	100	100
13	Zoology	UG	69.2	68	78	58.8

List of University Rank holders

1. 2013 – Dhrishya Dharmapal – 1st Rank , BSc. Bio Chemistry
2. 2014 – Merin Rinky K – 1st Rank, BSc. Bio Chemistry
3. 2015 – Hana Hydrose – 1st Rank, BSc. Bio Chemistry
4. 2015 – Soumya K R– 2nd Rank , MSc. Botany, Winner of Prof. V.V. Sivarajan Memorial Endowment Prize for top scorer in MSc Angiosperm Taxonomy

Analysis of Results

The College has consistent percentage of pass every year and negligible drop out percentage for almost all programmes. However a fluctuation of 10 to 20 percentage is observed in the results of some programmes. The university exam results of the past 2 to 3 years are not up to our expectations. Promotion of sports being one of the professed objectives of the College, sports students who get employed in governmental and other institutions are given opportunity to appear for the examination at the risk of adversely affected university results. Socially and educationally backward students are accommodated in the college though their entry level marks are low and the institution stands the risk of relatively low academic results. This is vividly demonstrated in the wide gap of entry level marks. Girl students getting married during the course and in some cases followed by maternity leave is yet another fact. Unexpected delay in University examinations and overlapping University examination schedules also lead to poor performance by students. We are taking serious steps to improve the result graph, though it is reflective of our commitment to accommodate talented sportsmen and students from social, economically and educationally backward community.

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 institution takes maximum effort to achieve the intended learning outcomes by formulating the following strategies.

- Meticulous planning of teaching and learning, by setting the learning outcomes as the objectives to be achieved during the course of study. The planning is done in accordance with the Academic calendar prepared by the IQAC and the Staff council
- Facilities are provided for the Continuous improvement of the efficiency of the faculty. Efforts are also made for equipping them with the competencies necessary for effective curriculum delivery, so as to achieve the intended learning outcome.
- Preparation of teaching plans by individual teachers and department meetings convened by HODs to ensure effective implementation of teaching plan.
- Adopting teaching methods such as group assignments, seminars, discussions etc. to inculcate the attributes of self learning, critical thinking, problem solving and communication skills among the students.
- Providing sufficient infrastructure for the effective implementation of the curriculum
- Strict monitoring of student attendance, centrally arranged internal examinations timely publication of internal evaluation results and arranging PTA meetings on a regular basis.
- Assessing learning outcome at department level by analysing the results of internal and external evaluation. Pass percentage is compared with University pass percentage. University examination results of each programme are compared with those of previous years and with those of neighbouring colleges.
- Arranging remedial courses and counselling for slow learners.
- Collecting feedback and suggestions from students and parents
- Institution level monitoring of teaching learning process by IQAC.

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?

The institution creates plenty of opportunities to orient the students to pursue research or to attain placements.

- The College emphasizes the Soft-skill development among the students during their course so as to make them better citizens. Programmes intended to develop motivation, communication skill, personality development, public speaking, debating, social awareness, writing skills, social awareness, environment consciousness etc are conducted in the College.
- The career guidance and placement assistance cell of the college provides valuable information to the students regarding various avenues of higher education and latest employment opportunities.
- Entry level coaching classes for P.S.C and Civil service examinations and NET coaching classes are conducted with U.G.C aid.
- Entrepreneurship Development is included in the syllabus of B.Com and M.Com programmes. An Entrepreneurial Development Club functions in the college to discover and encourage entrepreneurial skills of the students. The club organises invited lectures, workshops and field visits.
- Study tours and industrial visits are encouraged so that the students will get a real experience of what they have studied in the class rooms. This will help to improve their knowledge level.
- Visits to reputed national/R&D institutions are organised by various departments to develop research aptitude among the students. Research oriented seminars and workshops are conducted by various departments.
- All UG programmes have project work as part of the syllabus and this helps to enhance the research skill of the students. All PG courses have research projects which enable the students to undertake a research career in future. Students are encouraged to take up projects having socio-economic relevance and linkage with community problems.
- Students from many departments conduct case studies and socio-economic surveys to get acquaintance with real life situations and to develop their social awareness.
- Students are given opportunity to participate in national seminars and conferences and are encouraged to present their research findings.

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?

Collection of data on student performance and learning outcomes is done department wise by the following methods.

- Continuous evaluation is a direct method of collecting data on student performance. Assignments, seminars, practical tests and project work serve as efficient tools to assess the student performance. Internal examinations conducted twice a semester help to assess the learning outcomes.
- Each department maintains a register to record the results of internal assessment for all courses offered by it. University examination results are also collected and recorded in a systematic manner.

- Data on student participation in sports, NCC, NSS and other extension activities are also collected and recorded.
- Learning outcomes are also assessed through personal interactions with students by the tutors-in-charge. Written feedback from students are collected and separately filed by each teacher.
- Each department conducts an Exit-Programme for outgoing students at the end of their course of study. This Programme is intended to make an assessment of the skills developed by the students and to give them guidance on the selection of career based on these skills. The continuous interaction of the student and the mentor helps the mentor to identify the areas of interest of the student. This also helps the student to identify his strengths and get a clear idea regarding future course of action.
- Placement details and details of students who qualified competitive examinations like GATE, CAT, NET, SET etc. are collected from each batch of students.

The analysis of learning outcome is mainly done in the departments. Department meetings are conducted regularly to analyse the student performance and learning outcomes. The results of external examination are analysed in detail. The pass percentage is compared with University pass percentage and that of neighbouring competent institutions. Analysis at the next level is done by the Principal along with the IQAC.

The barriers of learning are identified and steps are taken to overcome them by modifying the teaching learning methods. Communication barriers due to lack of proper knowledge of the language and terminology are avoided by conducting appropriate Bridge Programmes. These programmes also provide necessary training for the weak students for capacity building, so that they can assimilate the class room lectures in a better manner. Necessary measures are taken to rectify the defects before planning the activities for next semester. Barriers arising from lack of infrastructure facilities are intimated to the management. Slow learners are provided with remedial coaching. Weak performers are also provided with extra classes through Scholar Support Programme, a Kerala State Higher Education Department-sponsored project. Walk With a Scholar, another project funded by the same agency, is offered for advanced learners. Tutorial hours, interaction with students and counselling sessions are also employed to overcome the barriers of learning.

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

The College council headed by the Principal, in collaboration with the IQAC, monitor and ensure the achievement of learning outcomes. The Principal summons a staff council meeting at the beginning of each academic year to discuss the learning outcomes and plan the teaching - learning process of the students. The council plans strategies to ensure the achievement of learning outcomes.

First level monitoring is done by the tutors-in-charge. Effective implementation of tutorial system helps to monitor student progress personally. Students facing learning difficulties are given special coaching and counselling. Induction Programmes and Bridge Courses are conducted for capacity enhancement required for each course. At the second level, the Department heads monitor and ensure the learning outcomes of respective departments. As the Learning outcomes are the objectives to be achieved, they are partially evaluated by assessing the examination results. Student progress in extracurricular and social extension activities is also analysed. Follow ups will be done through regular department meetings. At the next level, the Principal analyses the learning outcomes of all departments

through staff meetings. Besides this, the IQAC and PTA play active role in monitoring and ensuring the achievement of learning outcomes.

Exit Programmes are conducted for each class so as to identify the achievement of the learning outcomes. The students are provided career guidance on the basis of the traits of each student identified by the mentor, during the course of the continuous interactions with the student.

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.

Yes. The institution and individual teachers use the evaluation outcome as an indicator of the achievement of the objectives. The results of examinations are analysed in detail and the future method of curriculum delivery is planned accordingly. Subjects in which students performed poorly are identified and the reasons for the same are spotted. Corrective measures are implemented by the teacher on this basis. Teachers adapt teaching methods to match with the learning capabilities of each class. Programmes such as remedial coaching are conducted for slow learners. Advanced learners are properly guided to enhance their performance.

CRITERION III
RESEARCH, CONSULTANCY AND EXTENSION

3.1 Promotion of Research

3.1.1 Does the institution has recognized research Centres of the affiliating university or any other agency/organization?

The institution provides multidisciplinary research facilities to various students in the society. The post graduate departments of Botany and Physics were upgraded as research centres in 2011 and 2015 respectively by the University of Calicut, to which the institution is affiliated to.

Table 3.1 Details of Research Guides:

Sl no:	Name of research Guide	Department	Universities which have approved guide ship
1	Dr.Udayan P.S.	Botany	Calicut, Bharathiyar, Kannur and Bangalore (Inter-disciplinary)
2	Dr.Harinarayanan M. K.	Botany	Calicut
3	Dr.Rajesh K R	Physics	Calicut
4	Dr.Vishnu R	Physics	Calicut
5	Dr. Lakshmi Sankar (Co-Supervisor)	Sanskrit	Amritha Viswavidyapeedham Deemed University

At present, three students are pursuing Ph.D in our institution, out of which two students are full time research scholars under the guidance of Dr. Udayan P. S. (Assistant Professor Department of Botany). Moreover, he is guiding one student in Bharathiyar University and co-guiding another student in Interdisciplinary University, Bangalore. During 2012-17, four Research Scholars under Dr. P S Udayan have secured Ph.D in Botany and another research Scholar has already submitted his Ph.D thesis. The post graduate students of other departments in the institution involve in several research projects during their course.

The activities of the remaining post graduate departments are planned and implemented with an aim to upgrade such departments as research centres in the near future.

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

Yes, the institution has a research committee set up in 2012 to promote and co-ordinate the research activities. The research committee is headed by Head of the institution, IQAC Convener and competent faculty members with research experience.

Objectives:

- To monitor and endorse the research work of the faculty members for major and minor research projects to various funding agencies.
- Scrutinize the research proposals received, make their suggestions and forward it to the Principal.
- Plan and recommend proactively, activities to be implemented in the institution to promote and drive the research culture among the faculty members and the students.

Table 3.2 Research Committee (2016- 17)

Sl no:	Name	Designation & Department	Position
1	Sri. D. Jayaprasad	Principal & Associate Professor in Mathematics	Chairman
2	Dr. Rajesh K. R.	Assistant Professor in Physics	Convener
3	Dr. Lovely M.R.	Head & Associate Professor in Physics	Member
4	Dr. G. Jayakrishnan	Head & Associate Professor in Botany, IQAC convenor	Member
5	Dr. Udayan P.S.	Assistant Professor in Botany	Member
6	Dr. Lakshmi Sankar	Head & Assistant Professor in Sanskrit	Member
7	Dr. Manu K. M	Assistant Professor in Physics	Member
8	Dr. Harinarayanan M. K.	Assistant Professor in Botany	Member
9	Dr. Vishnu R	Assistant Professor in Physics	Member

The major recommendations made by the research committee **and the impacts** observed in the institution in the recent years are as follows

- By observing the activities and faculty profile of Physics Department, the research committee recommended to apply for upgrading the department as research centre under University of Calicut in 2015. ***The department was upgraded as research centre in July 2015.***
- The committee took special effort to encourage the faculty members with excellent research background, for international collaborations. ***This involvement made positive changes in the faculty members so that two of our members got Indo- US Raman postdoctoral fellowships. One of our faculty member got FLAIR internship in 2016. Dr. Rajesh K. R.,*** Assistant Professor, Department of Physics has completed his one year Indo-US Raman post-doctoral study in Oregon state university in the field of organic solar cell and ***Dr. Jayasankar M.,*** Assistant Professor, Department of Chemistry is pursuing the same in the State university of New Jersey in the field of Nanocoatings. ***Dr. Ambili K.,*** Assistant Professor, Department of Economics has successfully completed her international internship programme in University of Derby, U. K. as a part of Fostering Linkages in Academic Innovation and Research (FLAIR) programme of Kerala State Council for Higher Education.
- As a result of the constant encouragement and support provided by the research committee, a ***significant hike in the number of research projects of the institution was observed over the last 4 years.***
- The committee always encourage the faculty members to be part of international, national and state level scientific programmes.
- The summer internship programmes and post graduate projects offered by various scientific institutions are regularly informed to the students by the research committee. ***Several students of our institute got such facilities in various pioneering institutions like IISc-Bangalore, IIT-M Pune, IGCAR-Kalpakkam, IIA-Bangalore, CSIR (NIIST) – Trivandrum, C-MET-Thrissur etc.***
- The research committee always ensure publication of research articles in reputed peer reviewed journals.

- The research committee motivates the faculty members who have shown excellence in research by honouring them with the support of staff club in the annual general body meeting of staff and retired staff of the institution in every year.
- In 2015, the committee recommended bringing out a new journal 'SPECTRUM' for promoting multidisciplinary research activities of the institution and also for publishing our own research findings. The official formalities for getting ISSN Number are under process.
- In 2016, the research committee recommended for a '*Seed Money programme*' for research activities. The Committee requested an initial amount of Rs. 50,000/- from the college development fund for this purpose. This fund will be enhanced to Rs. 3,00,000/- by the end of 2017 with the contributions from the College, Alumni and other stake holders. The objectives of the fund are:-
 1. To provide advance to the faculty members for the initial expenses like preparation and printing of Project Report, TA/DA etc., for submission of proposals for Major and Minor Projects of the UGC and other funding agencies.
 2. To provide a publication advance to motivate faculty members to publish books.
 3. To advance the necessary amount for opening Letter of Credit for importing equipments from foreign countries.
 4. To advance to the Research Scholars or other students of the College, amount for the initial expenses of project submission or publication, with the guarantee of the Research Guide or any other faculty member of the College.

As per the request from the concerned Head of the department and the thesis supervisor, the research committee discuss the matter and recommend to advance the necessary amount from the college development fund to the students provided their research guide or faculty guarantees repayment.

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

- The research committee takes appropriate steps to inform the faculty members about the timeline for the submission of major and minor research projects provided by the various funding agencies.
- The college provides full freedom to Principal investigators by providing complete autonomy right from the preparation for research proposal till the publication of results. The college always provides essential supports for ensuring timely release of grants to the project investigators. The Principal investigators can always interact with the Principal, Head of the concerned department and the members of research committee on various matters related to their project.
 - The college provides infrastructure facilities like computers, internet, reprographic facilities and the storage facilities for equipment and books.
 - The Principal and college office ensure the timely release of grants without any delay.
 - The institution provides necessary support to Principal investigators for submitting the utilization certificate and project completion report in time.
 - The management and the Institution supports the faculty members by providing excellent research support by sanctioning leave for post-doctoral fellowship programmes like Indo-US fellowship schemes and also for presenting papers in National/international conferences without any delay.

- The institution always encourages the faculty members and the students for organizing research oriented seminars and workshops within the campus and provides necessary infrastructural facilities for the same.

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

All departments of the institution conduct various research oriented programmes for the development of scientific temper and research culture among students. During the last five years, several national, state and university level programmes were conducted by various departments in the college.

- The departments are always keen to conduct various science expos and intercollegiate quiz competitions. The Department of Physics conducted two science Expos “Principia” and “SCIENTIA – 2015” in 2013 and 2015 respectively. Invited talks by eminent researchers, Science Quiz competition, Seminar competition and project competition were major parts of such programmes.
- The Sanskrit department conducted 5 textual workshops on “Sastras” (Traditional knowledge Systems of India) during 2012-17 which are some of the initiatives made by the college for imbibing research culture among students in languages which are related to the cultural aspect of Indian tradition.
- The research departments of Physics and Botany conduct research oriented student seminars in every month in their departments which mainly focuses on the current trends in the respective fields of their research.
- The submission of project report is an essential part of the curriculum for all under graduate and post graduate courses of University of Calicut. The under graduate students are properly guided by the faculty members of our institution and a few deserving postgraduate students are allowed to do their project work in some of the pioneer research institutions in India.
- Most of the departments arrange study tours to various industries, research labs, well-known institutions and scientifically and socially relevant places. The departments arrange various programmes as a part of the observance of national and international days.

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

- Among the 51 permanent faculty members of our institution, 26 teachers have Ph.D and two other teachers have submitted their Ph.D thesis recently.
- The no: of faculty members with M.Phil degree as highest qualification is 6.
- Among the temporary faculty members, four teachers have Ph.D degree and 5 teachers have M. Phil degree.
- Nine permanent faculty members are doing their Ph. D now and Sri. Santhosh P. P, Assistant Professor, Department of Zoology is pursuing Faculty Development Programme.
- The percentage of faculty members with highest qualification as Ph.D is 51 % which is highly commendable compared to the nearby colleges.
- Among the Ph.D holders, a few faculty members have post-doctoral research experience also.

Table 3.3 Details of Faculty members with post-doctoral research experience within and outside India

Name	Department	Institution at which post-doctoral study was undertaken
Dr. Rajesh K. R	Physics	Oregon State University, USA (Indo-US fellowship, 2013-14) Korea Advance Institute of Science and Technology, Daegon, Korea (2006-2008) Donguk University, Seoul, Korea (2009 -2010) IIT Bombay (2005-2006)
Dr. Jayasankar M.	Chemistry	Dressedon University, Germany (2008-2012) State university of New Jersey (Indo – US fellowship, 2016- till date)
Dr. Manoj E	Chemistry	Kothari Fellowship Indian Institute of Science (IISc.) Bangalore (2009-2010)
Dr. Udayan P.S.	Botany	Centre for Ayurvedic and Medicinal Plants, Kottakkal (2004-2010)
Dr. Geetha K.	Physics	Research associate in Cochin University of Science and technology (CUSAT), Kochi (2007-2010)
Dr. Vishnu R.	Physics	KSCSTE Post-doctoral Fellowship 2012 - National Centre for Earth Science Studies, Trivandrum
Dr. Nishanth T	Physics	Post doctoral Research Associate at Kannur University in a Project sponsored by Indian Space Research Organization (March 2013 – August 2013)

Five faculty members are **research guides** now. Under the guidance of Dr. Udayan P. S, (Assistant Professor, Department of Botany) four students have already secured Ph.D in Botany. The details of research scholars and the completed Ph.D students are as follows.

Table 3.4 Details of Ph.D Awarded to the research scholars from the Institution:

Sl no:	Name of the scholar	Title of thesis	Year	University
1	Dr. A. J. Robi	A Taxonomic Revision of the family Lauraceae from South India	2015	Kannur
2	Dr. K.A. Anilkumar	Phytosociology and Plant Diversity of Attappady Hills, Western Ghats, India	2015	Kannur
3	Dr. Pius O.L.	Resource inventory of the plants used in the Indian systems of medicine and folklore medicinal practices in the Malappuram district of Kerala	2016	Kannur
4	Dr. Seena Mohan	Propagation studies in some Rare and commercially important Ayurvedic medicinal Plants	2017	Kannur

Table 3.5 Details of Ph.D Awarded to the Permanent faculty members during the last five years:

SI No:	Faculty Name	Department	University	Title of the thesis	Year of awarding PhD
1	Dr. P. A. Damodaran	Commerce	Mahathma Gandhi University, Kottayam	Construction Industry – Exploration into forward and Backward linkages	2012
2	Dr. K.S. Sudha	Botany	Mahathma Gandhi University, Kottayam	Study of anticancer activities of selected medicinal plants from Dasamoola and their comparison with micropropagated plants	2012
3	Dr. Prasad M. V.	Politics	Jawaharlal Nehru University, Delhi	Palestinian Authority – United States Relations	2013
4	Dr. G. Jayakrishnan	Botany	Mahathma Gandhi University, Kottayam	Autecological studies on the river mangrove <i>Aegicerascorniculatum</i> (L.)Blanco in Kerala	2014
5	Dr. Manu K. M.	Physics	Kerala University, Trivandrum (through CSIR-NIIST)	Investigations on low loss silicate based ceramics and their composite for electronic applications	2014
6	Dr. Haridayal K.S.	Physical Education	Bharathiyar University	Effect of periodized resistance training polymetric training and complex training on selected physical physiological and skill variables of selected inter collegiate football players	2014
7	Dr. Brinesh R.	Zoology	University of Calicut	Studies on the digenetic trematode fauna of Palakkad district, Kerala with emphasis on cercariae infecting fresh water snails	2014
8	Dr. Sarathchandran S.	English	Karunya University, Coimbatore	Subaltern survival technique in Arundhati Roy's "The God of Small Things" and Kiran Desai's "The inheritance of Loss"	2015
9	Dr. Ambili K.	Economics	Calicut	Export of Indian Spices in the era of Globalisation – An Economic Analysis	2015

Table 3.5 (Continued.....)

SI No:	Faculty Name	Department	University	Title of the thesis	Year of awarding PhD
10	Smt. Reena A. M.	Malayalam	Madhurai Kamaraj University, Madhurai	Visual Effects of sensibility in Malayalam short stories	Submitted on 30-12-2015
11	Dr. Gopinathan P.	Commerce	University of Calicut, Kozhikode	Role of Co-operative societies in financial inclusion – A study of rural households in Kerala	2017
12	Sri. Suresh V. Nampoothiri	Chemistry	Madhurai Kamaraj University, Madhurai	Phytochemical Evaluation Of Medicinally Important Plants	Submitted on 23 December 2015

A few of faculty members have completed their major and minor research projects recently.

Table 3.6 Details of completed research Projects:

Sl no :	Department	Name Project investigator	Funding agency	Title of the project	Period	Total amount sanctioned (Rs.)
1	Botany	Dr.Udayan P.S.	UGC	Phytochemical and pharmacological studies of the anti-diabetic drug plants of the genus Salacia L. (Hippocrateaceae) occurring in Kerala	2012-15	1,80,000/-
2	Zoology	Dr.Brinesh R.	UGC	Studies on the cercariae infecting the freshwater snails of wetland regions in Thrissur district, Kerala	2014-16	1,40,000/-
3	Physics	Dr.Vijoy P S	UGC	Synthesis of inorganic nanotechnology particles and investigation of their size and structure	2014-16	2,00,000/-

Table 3.6 (Continued.....)

Sl no :	Department	Name Project investigator	Funding agency	Title of the project	Period	Total amount sanctioned (Rs.)
4	Chemistry	Dr. Manoj E	UGC	Probing self-assembled novel magnetic materials- Structural and spectral investigations	2014-16	2,00,000
5	Malayalam	Reena A. M.	UGC	Visual text and cognition	2014-16	60,000

The faculty members do their **project work** in diverse areas of research such as taxonomy, identification of new medicinal plants, smart magnetic and Nano-materials, ancient theatre, visual texts, Bhagavad Gita and several other topics related to science, language and social science.

At present, five faculty members are involved in research projects of various funding agencies.

Table 3.7 On-going Research Projects:

Sl no:	Department	Name of Project investigator	Title of Project	Funding agency	Period	Sanctioned Amount (Rs.)
1	Botany	Dr. Udayan P.S. (Co-investigator)	Assessment of Medicinal plants of Northern Kerala	SMPB, in collaboration with KFRI, Thrissur	3 years	41,97,600/-
2	History	Dr. Prasad M. V.	The Palestinian Question and the United States' Policy: A study on the Post -Arafat Era	UGC	1.5 years	1,90,000/-
3	Chemistry	Dr.Sreeja T.D.	To understand fundamental aspects of protein folding and to develop predictive models to arrive at desired conformations and geometry	UGC	2 years	4,00,000

Table 3.7 (continued.....)

Sl no:	Department	Name of Project investigator	Title of Project	Funding agency	Period	Sanctioned Amount (Rs.)
4	Botany	Dr. Udayan P.S. (Co-investigator)	Resource Augmentation and <i>Ex situ</i> Conservation of Five RET Medicinal Plant Species	NMPB, in collaboration with Malabar Botanical Garden	3 years	11, 50, 000/-
5	Sanskrit	Dr. Lakshmi Sankar	Etymological Elucidation of technical terms of Bhagavtgitā	UGC	1.5 years	1,50,000/-
6	Sanskrit	Dr. Sudha E. K.	Symbolism in Bharata's Natyasastra in modern perspectives	UGC	1.5 years	1,65,000

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

Organizing national and state level programmes for imbibing research culture among the staff and students is a usual practice of each department in our college. The following are the details of various research programmes conducted in our campus.

Table 3.8 Research programmes conducted in the institution:

Slno:	Programme	Organising department	Sponsored by	level	Date
1	Appreciation of koodiyattom	Sanskrit	International Centre for koodiyattom, Tripunithara	State	25-07-12
2	Principia	Physics	Department & Alumni	State	22-02-13
3	Malayalam and information technology	Malayalam	Department	University	10-01-14
4	Significance of reading in current life	Malayalam	Department	University	24-01-14

Table 3.8 (continued.....)

Slno:	Programme	Organising department	Sponsored by	level	Date
5	Statistics in 21 st century	Mathematics	UGC	National	14-08-14
6	Research methodology	Malayalam	Department	University	29-10-14
7	Prevention and Management of Diabets	Bio-Chemistry	Department	State	16-11-14
8	SCIENTIA – 2015	Physics	Department & Alumni	State	5 – 6 February 2015
9	Natakakalari(Workshop)	Malayalam	Department	University	13-14 Mar-15
10	Natyaasathra and Kerala Sanskrit (3 day workshop)	Sanskrit	UGC	National	Oct-15
11	Mosquitoes and Vector Borne Diseases	Zoology	UGC	National	04-02-16
12	Polymath in Chemistry	Chemistry	Department	University	14-06-16
12	Koodiyattam (Workshop)	Malayalam	Department	University	01-11-16
13	New Possibilities in Theatre – Textual and technical	Malayalam	UGC	National	13-14 March 2017 (to be conducted)
14	Recent trends in Atmospheric Physics and renewable energy sources	Physics	KSCSTE	State	28 -02-2017
15	Computational Chemistry	Chemistry	Department	University	28-02-2017
16	X- Ray Diffraction and Quantum Mechanics	Jointly organized by Physics and Chemistry Departments (in association with IQAC)	Departments	University	01-03-2017
17	Textual Workshop series on Sastra texts in Sanskrit	Sanskrit	Department	University	Every year since 2012 (total 5)

The department of Sanskrit have already conducted 5 textual workshops on Sastra texts in Sanskrit during 2012-16. Apart from these activities, all departments conduct various programmes as a part of the observance of national and international days of scientifically and socially important. The college takes necessary steps to conduct various

programmes for celebrating all days including Independence day, Gandhi Jayanthi, Republic day etc.

Table 3.9 Major Important Days Observed by the Departments and other clubs in the Institutions since 2012:

Sl no:	Observance of	Month	Observed by	Activities conducted
1	World Environment day	June 5	All Departments, NSS, NCC, Nature club and Bio-Diversity Club	Planted Herbal plants, essay completions, awareness classes etc.
2	Vayanadinam	June 19	Malayalam, Readers' club	Talks by Faculty members
3	World Music day`	June 21	Sanskrit	Lecture demonstration for traditional songs like Kadhakalisangeetham, sopanasangeetham etc.
4	International Day of Yoga	June 21	Sanskrit, NSS & NCC	Demonstration of Asanas by NCC, Interactive session by students with eminent trainers of Yoga
5	Anti- Drug Day	June 26	NSS, NCC, & Economics	Awareness drive to students and publics, Campaign rally(several programmes were arranged during 2012-17)
6	National Statistics day	June 29	Mathematics	Lecture by Faculty members
7	International Day of Co-Operatives	July	Commerce	Talks by Faculty members related to cooperation
8	Sanskrit Day	July	Sanskrit	Sanskrit Shortfilm festival, workshop for Higher secondary Sanskrit teachers, Competiton for students
9	Vedavyasa Jayanthi	July	Sanskrit	Talks related to contribution of Vedavyasa to Indian Heritage
10	Kalidasa Jayanthi	August	Sanskrit	Talks, exhibition of paitings related to Kalidas's works

Table 3.9 (continued...)

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

Sl no:	Observance of	Month	Observed by	Activities conducted
11	Ramayana Jayanthi	August	Sanskrit	Ramayana recitation, essay writing and quiz completion for students
12	Teachers' Day	September 5	College Union, NSS and Several Departments	Various talks related to innovations in teaching
13	International literacy day	September 8	Malayalam	Talks by faculty members
14	Bhasajayanthi	October	Sanskrit	Theatre workshop one one act play of Bhasa by students
15	World AIDS day	December 1	All Departments, NSS & NCC	Blood donation camps, awareness programmes against AIDS
16	National Energy conservation Day	December 14	Physics	Talks by Faculty members
17	Bhagavad githa Jayanthi	December	Sanskrit	Departmental Seminar on Cultural and Philosophical perspectives of Bhagavad Gita
18	World Mathematics day	December 22	Mathematics	Talks by students and Faculty members
19	Narayaneeyadinam	December	Sanskrit	Narayaneeya Akharasloka sadas, talks b Faculty members
20	Human Rights Day	December	Commerce	Talks by Faculty members
21	National Youth Day	January	Sanskrit, Malayalam	Talks by Faculty members, Elocution competition related to role of Youth in National Integration
22	National Science Day	February 28	All Science Departments	Various scientific programmes
23	World Health Day	March	Sanskrit, Malayalam and Zoology	Health Awareness programmes and talks by Faculty members
24	International Women's Day	March 8	Women cell, Malayalam	Talks related to gender issues, Poster exhibitions

The institution provides multidisciplinary research expertise to the society by doing research works and publishing the research highlights in science, technology and languages. The prioritised research areas include advanced scientific innovations in science, diverse areas in social science and commerce and also in historical and cultural research possibilities in Sanskrit and Malayalam.

Table 3.10 Research expertise available

Sl. No.	Department	Name of the Faculty member	Research Expertise
1	Botany	Dr. Udayan P. S.	Plant Taxonomy, Medicinal Plants, Phytosociology, Palynology, Biotechnology, Molecular Biology & Cytogenetics
2	Botany	Dr. Harinarayanan M. K.	Biodiversity, Angiosperm taxonomy Ecology and Ethnobotany
3	Physics	Dr. Rajesh K.R.	Thin films, organic solar cells
4	Physics	Dr. Vishnu R.	Lightning and atmospheric physics
5	Sanskrit	Dr. Lakshmi Sankar	Epics, Philosophy and Art forms of Kerala
6	Botany	Dr. G. Jayakrishnan	Mycology- microfungi, Plant pathology, Autecology of mangroves
7	Botany	Dr. Jayasree V. K.	Anatomy, Embryology and Angiosperm taxonomy
8	Physics	Dr. Lovely M.R.	Solar Physics
9	Physics	Dr. Geetha K.	Photonics and Nano materials
10	Physics	Dr. Vijoy P.S.	Glass and Nano materials
11	Physics	Dr. Nishanth T.	Atmospheric Science, climate change and Global warming
12	Physics	Dr. Manu K.M.	Microwave dielectrics and LTCC
13	Sanskrit	Dr. Sudha E. K.	Aesthetics and Sanskrit Vyakarana
14	Sanskrit	Dr. Viswaja S. Nair	Sanskrit Vyakarana
15	Chemistry	Dr. Sreeja T.D.	Short fiber comosite, Computational chemistry, Nano materials
16	Chemistry	Dr. Manoj E.	Nanosopic self-assembly, magnetic materials
17	Chemistry	Dr. Jayasankar M.	Inorganic/ceramic materials synthesis, Sol-gel processing, Ceramic Composites, coatings, Photocatalysis, DSSC etc.
18	Chemistry	Dr. Sreelekha M.	Natural Product Chemistry
19	Mathematics	Dr. Sreeja V. N. (Assistant Professor in Statistics)	Reliability Analysis, Survival Analysis, Network Analysis
20	BioChemistry	Dr. Umadevi D.	Cell Biology, Molecular Biology, Cancer Biology
21	History	Dr. Prasad M. V. (Assistant Professor in Political Sciences)	International Politics
22	Zoology	Dr. Brinesh R.	Taxonomy of Digenean Parasites & Biology
23	Zoology	Dr. Raji G. R.	Bio technology, Industrial biochemistry
24	Commerce	Dr. Gopinathan P.	Financial Inclusion
25	Economics	Dr. Ambili K.	Cultural Economics, Econometrics, Agricultural Economics and Banking
26	Physical	Dr. Haridayal K.S.	Football, Volleyball, Kabady, Mizzle

	Education		Physiology
--	-----------	--	------------

Several faculty members have very good experience in teaching and they are experts in various academic as well as research fields. Nine faculty members are pursuing Ph. D and two other members have already submitted thesis. The prioritised research and academic areas of the remaining faculty members are as follows.

Table 3.11 Prioritised areas of faculty members

Sl. No.	Department	Name of the Faculty member	Prioritised area
1	Botany	Smt. Niranjana M. R.	Pteridophyte Taxonomy, Antifungal aspects of Ferns, Biochemistry, Metabolism, Molecular Biology
2	Physics	Smt. Jalajamani C.	Electromagnetism
3	Chemistry	Suresh V. Nampoothiri	Natural Product Chemistry-Phytochemistry. Isolation and characterization of secondary metabolites and their biochemical evaluation.
4	Zoology	Smt. Jayasree V.	Parasitology
5	Zoology	Sri. Santhosh P.P.	Aarology, medicinal plants
6	Mathematics	Sri. D. Jayaprasad	Functional Analysis, Algebra, Complex analysis
7	Mathematics	Smt. Deepa V. G.	Graph theory, Social Network Analysis, Algebra
8	Biochemistry	Smt. Smitha K. R.	Molecular Biology, Micro Biology, Cancer Biology, BioChemistry
9	English	Smt. Radhika Menon P.	English Grammar and Drama
10	English	Smt. Geetha K.	Literary Theory
11	English	Smt. Sasikala V. S.	Phonetics and translation
12	English	Smt. Nitha Rajagopal	Fiction and media
13	Malayalam	Smt. Reena A. M	Cultural studies, Modern poetry
14	Malayalam	Smt. Sreelatha E.	Drama, Linguistics and Grammar
15	Malayalam	Smt. Maya S. Nair	Eastern literary theories, Kerala Folklore, Modern Literature
16	Economics	Smt. Hima Hari U.	Migration, Education, Kerala Economy, Women Empowerment
17	History	Smt. Ajitha M. U.	International relations
18	History	Smt. Suchithra V.	Community studies, Archaeology
19	History	Smt. Seena M.S.	Gender studies and Caste studies
20	Commerce	Smt. Jisha S. Kumar	Women Empowerment
21	Commerce	Smt. Dhanya K.S.	Finance
22	Commerce	Smt. Divya Rani R. L.	Finance
23	Commerce	Smt. Nisha P.S.	Entrepreneurship, Finance
24	Commerce	Smt. Jisha P.S.	Marketing, Human resource management
25	Physical Education	Lt. Rajesh Madhavan	Ball Badminton, Shuttle Badminton, Cricket, Yoga, Exercise Physiology

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

The faculty members of our college have wide interaction with eminent scholars in their research fields. They have good national and international academic and research linkages with various pioneered institutions. The institution utilizes such facilities to bring distinguished researchers of eminence to interact with students and teachers. The scientific programmes conducted by the departments are the major platforms for such interactions.

Table 3.12. Eminent scholars who visited the College:

Sl. No.	Name of the Scholar	Affiliation	Year
1	Margi Madhu	Artistic Director, Koodiyattom, Nephathya Koodiyattom Institute, Ernakulam	2012
2	Dr. K. R. Dayas	Scientist & Director, C-MET Thrissur	2012
3	Dr. S. N. Potty	Scientist C-MET Thrissur	2013&2017
4	Dr. T. N. Vasudevan	Professor (Rtd.) , University of Calicut	2013 & 2015
5	Dr. N. Krishna Kumar IFS	Head and PCCF, Tamilnadu Forest Department, Chennai	2013
6	Dr. Sundersingh	Professor, Karunya University	2013
7	Dr. Meena T. Pillai	University of Kerala	2013
8	Dr. Thomas P Thomas	Scientist (Rtd.), Kerala Forest Research Institute, Peechi	2014
9	Dr. Ashok Aklujkar	Professor, Dept. of Sanskrit, Columbia State University, California	2014
10	Dr K X Joseph	Professor & Director, University Centre for Excellence, John Mathayi Centre, Thrissur	2014
11	Dr. P. C. Muraleedharan	Professor & Head, Dept. of Sanskrit Sahithya, Rashtrrrya Sanskrit Sansthan Deemed University, Guruvayur Campus	2014
12	Dr. P. Narayanan Namboothiri	Head, Dept. of Sanskrit, University of Calicut	2014
13	Dr. K. P. Mani	Professor & Head, Dept. of Economics, John Mathayi Centre (JMC), Thrissur	2014
14	Dr. P. V. Ouseph	Professor (Rtd.), Dept. of Vasthuvidya, Sree Sankaracharya University, Kalady	2014
15	Dr. Tharsis Jose[ph	Rt. Principal, Devaamtha College, Kuruvilangad	2014

Table 3.12 (continued.....)

Sl. No.	Name of the Scholar	Affiliation	Year
16	Dr.M. V. Narayanan	Professor & Head, Dept. of English, University of Calicut	2014
17	Dr. Jagath Natha Krishna	Scientist, CSIR, Central Lether Institute, Chennai	2014
18	Dr. P. G. sankaran	Professor, Dept. of Statistics, CUST, Kochi	2014
19	Dr. C. P. Unnikrishnan	Art Critic & Director, Sree Sankara School of Music and Dance, Kalady	2014
20	Dr. Aparna Nangiar	Theatre Artist, Ammanur Smaraka Gurukulam, Irinjalakuda	2014
21	Dr. Indu	Theatre Artist, Koodiyattom, Nephathya Koodiyattom Institute, Ernakulam	2014
22	Jayakrishna Nayak	Artistic Director, Konark Natyamandapa, Konark, Orissa	2014
23	Sri. S. K. Prathan	Traditional Performer of Odissi and Gotipua, Konark Natyamandapa, Konark, Orissa	2014
24	Dr. M. Manoharan	Professor & Head, Dept. of Statisitcs, University of Calicut	2014
25	Ammannur Rajaneesh Chakyar	Theatre Artist, Ammannur Smaraka Gurukulam, Irinjalakuda	2014
26	Sri. Rajaneesh Chakyar	Krishnaantha Kalanilayam, Guruvayur	2014
27	Sri. K. Krishnakumar	Principal, Institute of Mural, Guruvayur	2014
28	Sadanam Bhasi	Kadhakali Artist	2014
29	Prof. Thuravoor Viswambharan	Professor (Rtd.), Dept of Malayalam, Maharajas College, Ernakulam	2014
30	Peesappillil Rajeevan	Kadhakali Artist	2014
31	Dr. Shyjan D	Assistant Professor, Department of Economics, JMC	2015
32	Dr. Retnaraj	Professor, JMC	2015
33	Dr. Ranjit	Director, Kerala Agriculture University Thrissur	2015
34	Dr. C. M. Neelakandan	Academic Director, Kerala Kalamandalam, Thrissur	2015
35	Sri. Krishna Kumar	Professor in Vyakarana, Govt. Sanskrit college, Tripunithara	2015
36	Dr. Ramakrishna Bhatt	Dean, Dept. of Vedantha, Sree Sankaracharya University, Kalady	2015

Table 3.12 (continued.....)

Sl. No.	Name of the Scholar	Affiliation	Year
37	Dr. K. P. Sreedevi	Professor(Rtd.), Dept. of Sahithya, Sree Sankarachary University, Kalady	2015
38	Dr. R. Ratheesh	Scientist C-MET Thrissur	2015
39	Dr. Baiju K Vijayan	Scientist C-MET Thrissur	2015
40	Prof. Philip Saju	Director, Kerala Agriculture University, Thrissur	2015
41	Dr. Ranjith Kumar	Professor & Director, MBA, Kerala Agriculture University, Thrissur	2015
42	Dr. V. K. Vijayakumar	Geojith Paribha, Economic Analysit	2015
43	Dr. P. Indira	Professor, Dept. of Sahithya Rashtriya Sanskrit Sansthan Deemed University, Guruvayur Campus	2015
44	Prof. C. Radha	Dept. of Sanskrit Sahithya, Rashtriya Sanskrit Sansthan Deemed University, Sringeri Campus	2015
45	Ambalpuzha Vijayakumar	Performer, Sopana Sangeetham	2016
46	Dr. Soman Kadaloor	Head, Folklore, University of Calicut	2016
47	Dr. A. Harindranath	Former Professor of Nuclear Physics, Saha Institute, Kolkatha	2016 & 2017
48	Prof. Martha Aston Bush Sikora	Professor in Theatre, Author and Writer, California	2016
49	Dr. Rajeev S. Menon	Asst. Professor, Dept. of Chemistry, Central University of Haryana	2016
50	Dr. P. Kannan	Campus Director, Kerala Kalamandalam, Thrissur	2016
51	Dr. C. C. Babu	Syndicate Member, Universtiy of Calicut	2016
52	Dr. K. K. Geetha Kumari	Dean & Head, Dept. of Sanskrit, University of Calicut	2016
53	Sri. C. R. Neelakandan	Environmentalist	2016
54	Dr. G. Harikrishnan	Head of Department of Physics, Govt. College, Madapaally	2017
55	Dr. M. K. Satheesh Kumar	Adjunct Professor, Manipal University	2017
56	Dr. M. G. Manoj	Research Scientist, CUSAT, Kochi	2017
57	Dr. K. P. Sankaran	Famous critic in Malayalam literature	2017
58	Dr. P. V. Krishnan Nair	Famous critic in Malayalam literature	2017
59	Prof. Biju Nayarangadi	Poet in Malayalam & Head of Department of Malayalam, Tunchan Memorail Govt. College, Tirur	2017

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

There is no provision for sabbatical leave as per Kerala Government and University of Calicut rules. However, Indo – US Raman post-doctoral fellowships were awarded for two faculty members in the college by UGC in 2013 and 2016. Dr. Rajesh K. R., Assistant Professor, Department of Physics has already completed his research activities in 2014. Dr. Jayasankar. M., Assistant Professor, Department of Chemistry is pursuing this fellowship in the U.S.A. The leave for one year for this fellowship programme was sanctioned by the Institution and necessary official formalities for approving such leaves by the University and State government were done without any delay.

In 2016, Dr. Ambili K., Assistant Professor, Department of Economics utilized one month leave for FLAIR programme in U. K. The utilization of such facilities by the faculty made enormous changes in the attitude of the students and teachers. The international collaborations with reputed research organization made enormous changes in quality of research and academics in the college.

Table 3.13 Details of Indo – US Raman Fellowship holders of our Institution:

Sl no:	Name of Faculty	Department	Period	Collaborating University	Fellowship (\$)
1	Dr. Rajesh K. R.	Physics	Dec 2013 – Dec 2014	Department of Physics, Oregon State University	3000/- per month
2	Dr. Jayasankar M.	Chemistry	June 2016 – June 2017	Department of Chemistry State University of New Jersey	3000/- per month

Table 3.14 FLAIR Programme

Sl no:	Name of Faculty	Department	Year & Month	Collaborating University
1	Dr. Ambili K	Economics	February – March 2016	University of Derby, U. K.

Table 3.15 Faculty Development Programme availed by the Faculty members during 2012-17:

Sl no:	Name of Faculty	Department	Period	University where the faculty Registered for Ph.D
1	Sri. Santhosh P. P.	Zoology	2015-2017	Calicut

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 findings of faculty members are published in high impact journals of international and national repute. The following are the no: of research articles published by the faculty members (department wise) in peer reviewed journals since 2012.

Table 3.16 Total no: international publications (Department wise)

- The expertise derived from the Tissue Culture Lab of the Department of Botany is conveyed to the farmers by conducting Lab to Land programmes.

Sl no:	Department	Total no: of publications
1	Botany	35
2	Physics	6
3	Chemistry	5
4	Zoology	3
5	English	4
	Functional English	2
6	Biochemistry	8
7	Economics	6
Total no: of international articles during 2012-17 by the faculty		69

- The college subscribes various research journals of scientific relevance and make it available for faculty and students in the concerned department libraries.
- The dissertations of faculty members, students and the completed reports of major and minor research projects are available in the library.
- The institution always ensures participation of students from different institutions in various scientific programmes organized by the institution. Participation of students in intercollegiate quiz competitions and seminar presentations organized by Physics department, various academic workshops related to drama, Koodiyatam, Kathakali and other scientific topics are some examples
- The faculty members and the students presented their research ideas in several conferences/workshops in recent years. The total no: of conference presentations by the faculty during 2012-17 is **124**. The faculty members transfer their knowledge to students and research scholars through invited talks in various programmes of other institutions. The details of invited talks by the faculty members in other institutions are given below:-

Table 3.17 Details of invited talks:

Sl no:	Name of faculty	Topic	Institution	Year
1	Dr. Udayan P.S.	Medicinal Plants and its conservation	Amala Research Centre, Amala Nagar, Thrissur	May 2012
2	Dr. Harinarayanan M. K.	Medicinal plants and conservation	Kerala Forest Research institute Peechi	June 2012
3	Dr. Harinarayanan M. K.	Energy conservation	National seminar – Faunal Diversity and endemism of Southern Western Ghats, NSS College Pandalam	June 2012
4	Dr. Udayan P.S.	Medicinal Plants-Diversity, Threats and Problems	Nehru College of Pharmacy, Pambadi, Thrissur District	September 2012
5	M. R. Krishnan Namboothiri	Post –colonial treats in Litersnure	Asssabah Arts and Scince College, Valayamkulam	October 2012
6	Prof. Sarathchandran	Post –colonial treats in Litersnure	Asssabah Arts and Scince College, Valayamkulam	October 2012
7	Dr. Harinarayanan M. K.	Aranyakam – seminar and study trip	Ayurveda Medical Association of india Palakkad District Committee	December 2012
8	Dr. Udayan P.S.	Medicinal Plants in the Present Scenario and Future Prospects (Key note address)	UGC sponsored national symposium Department of Botany, Nirmala College, Coimbatote (autonomous)	December 2012
9	Dr. Udayan P.S.	Medicinal plants	Workshop for school teachers organized by KFRI	December 2012, January 2013
10	Dr. Udayan P.S.	Plants Diversity, Threats and Conservation	Forester’s Training Centre, Manandavadi for Forest officials	March 2013
11	Dr. Harinarayanan M. K.	Environmental seminar	Umamaheswara kshethram Manikandheswaram Thrissur Dt.	June 2013

Table 3.17 (Continued.....)

Sl no:	Name of faculty	Topic	Institution	Year
12	Dr. Udayan P.S.	Medicinal Plants Diversity, Threats and Conservation	Department of Botany and Biotechnology, CMS College Kottayam “Tehliya 2013”	August 2013
13	Dr. Udayan P.S.	Medicinal Plants Threats and Conservation	“Phyto Conservia - 2013” conducted by the Department of Botany, Govt. College, Chittur, Palakkad	September 2013
14	Dr. Harinarayanan M. K.	National seminar – Save green Save Earth	SN College Alathur	September 2013
15	Smt. Jayasree V	Chromosomal Anomalies	Mother Arts and Science College, Peruvallur, Thrissur	September 2013
16	Reena A. M.	Introducing the book, Verukal Marakumbol by Padma Rahim	Alakapuri	January 2014
17	Dr.Nishanth T	An introduction to the Physics of Atmosphere	PRNSS College Mattannur, Kannur	January 2014
18	Dr. Udayan P.S.	Plant Taxonomy and Systematics (Key note address)	one day seminar organized by Department of Botany, N.S.S. College, Nemmara, Palakkad	February 2014
19	Dr.Brinesh R	Food and cancer	SreeNarayana College, Alathur	February 2014
20	Dr. Udayan P.S.	Biodiversity and Conservation (inaugural speech – World Environment day)	Carmel College, Mala	June 2014
21	Dr. Udayan P.S.	Medicinal Plants of South India	UGC sponsored National Conference on “Innovative approaches in Biological Science towards sustainable development at Vellalar College for Women (Autonomous), Erode, Tamil Nadu	July 2014

Table 3.17 (Continued.....)

Sl no:	Name of faculty	Topic	Institution	Year
22	Dr. Udayan P.S.	Plant identification and Morphology for BAMS students	Poomulli Neelakandan Namboodrippad Memmorial Ayurveda Medical College, Cheruthuruthy	August 2014
23	Reena A. M.	Vayalar Anusmarana Prabhashanan	Kolady Govindan Kutty Vayana Sala, Kozhikode Library Council	October 2014
24	Dr. Udayan P.S.	Field Taxonomy and its relevance	S N College, Thiruvanthapuram in two days workshop - Botanica 2014	November 2014
25	Dr. Manoj E	Magnetic properties of chemical substances	KKTM Government College, Pullut, Kodungallur	December 2014
26	Dr. Manoj E	Magnetic properties of materials	SreeNarayana College, Punalur	February 2015
27	Dr. Udayan P.S	My Life, My Passion	(Geethamrutham - 2015) Amirtha Viswapeedam, Amirtha University, Ettimadai, Coimbatore.	May 2015
28	Dr. Udayan P.S.	Biodiversity and New species of Angiosperms	one day seminar “Species the Passion” in the World Environment Day program at St. Thomas College, Thrissur, sponsored by Kerala State Council for Science, Technology and Environment (KSCSTE), Govt. of Kerala.	June 2015

Table 3.17 (Continued.....)

Sl no:	Name of faculty	Topic	Institution	Year
29	Dr. Harinarayanan M. K.	World environment day seminar	MD College Pazhanji Thrissur Dt.	September 2015
30	Dr. Udayan P.S.	Medicinal Plants in Primary Health Care	National seminar on “Medicinal Plants of South India” at Sree Narayana College, Kannur, sponsored by Kerala State Council for Science, Technology and Environment (KSCSTE), Govt. of Kerala.	September 2015
31	Dr. Udayan P.S	Biodiversity (Inaugural speech)	Seethi Sahib Memorial Vocational Higher Secondary School, Edakkazhiyur	October 2015
32	Dr. Lakshmi Sankar	Ottur Unni Namboothiri Anusmarana prabhashanan	NSS Training college, Ottappalam	October 2015
33	Dr. Ambili K.	Basic Principles of Economics	SreeVasudevasramam Higher Seceondary School, Naduvathoor	October 2015
34	Dr. Sreeja. V N	Recent advances of Statistics in medical field	Gvt. Victoria College, Palakkad	November 2015
35	Dr.Geetha K	Fiber Optics Technology: Potentials and Applications	UGC sponsored seminar on “Recent Advances in Optics and Photonics – ROSHNI 2015” KKTm college, Pullut	December 2015
36	Dr. Udayan P.S	Diversity, Conservation and Significance of Medicinal Plants	DBT-FIST sponsored International Seminar on “Frontiers of Phytochemomics and Coelaneous Challenges in Medicinal Plants” at Vellalar College for Women (Autonomous), Erode, Tamil Nadu	January 2016

Table 3.17 (Continued.....)

Sl no:	Name of faculty	Topic	Institution	Year
37	Dr. Ambili K.	Presentation Skills	Kerala Agricultural University	January 2016
38	Dr. Udayan P.S	“Plant identification methods” and Wetland exploration “A journey through Sokanashini River	Department of Botany, Govt. College, Chittur	February 2016
39	Dr. Vishnu R	Lightning	NSS college, Nenmara	March 2016
40	Dr. Lakshmi Sankar	D Sreeman Namboothiri Anusmarana Prabhashanam	Kerala Sahithya Academy, Thrissur	March 2016
41	Dr. Udayan P.S	Plant Taxonomy	Contact classes for P.G. Diploma in Ethanopharmacology (distance mode) at College of Veterinary and Animal Sciences, Mannuthy, Thrissur	April 2016
42	Dr. Udayan P.S	RET Medicinal Plants: Diversity Distribution and Threats	Summer school entitled on “Contemporary methods of conservation and Management of Horticultural Genetic Resources” organized by the Indian Institute of Horticultural Research, (IIHR) Hesaraghatta, Bangalore-89, Karnataka	June 2016
43	Reena A. M.	Discussion on the Book Puthumazha choorulla chumbanangal by E. K. Shahina	Sahithya Academy Hall, Thrissur	December 2016
44	Dr. Sreeja T. D.	Computational Chemistry	Sree Kerala Varma College, Thrissur	January 2017

Table 3.17 (Continued.....)

Sl no:	Name of faculty	Topic	Institution	Year
45	Dr. Udayan P.S	Bidiversity and conservation	National seminar for "Climate change- Challenges in Biodiversity by sponsored by Ministry of Earths science and organized by Dept. of Botany, Rani Anna Govt. College, Tirunelveli,	January 2017
46	Dr. Udayan P.S	Chief guest for training programme for researchers on Biodiversity act 2002	National Biodiversity Authority Chennai	February 2017
47	Dr. Udayan P.S	Medicinal Plants of Western Ghats	Seminar on Medicinal Plants the Elixir of life in Vimala College Thrissur	February 2017

- The institution took initial steps to start a new interdisciplinary journal and the first issue will be published in the next academic year.

3.2 Resource mobilization for research:

3.2.1 What percentage of total budget is ear marked for research? Give details of major heads of expenditure, financial allocation and actual utilization?

The entire research funding is from UGC and other funding agencies like KSCSTE. The institution provides the essential infrastructural facilities to the research supervisors.

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 percentage of faculty that has availed the facility in the last four years?

The institution provides some initial assistance to the faculty members and the research students for doing their project activities from the college fund. As per the recommendation from the research committee, the College Principal made a provision to sanction an amount upto Rs. 50,000/- for research purposes like publication advance, opening letter of credit etc. from the college development fund during 2016-17. (Details of Seed Money Programme in is specified in 3.1.2) There is no provision to provide seed money to the faculty, as an Aided affiliated college funded by the Government of Kerala. The institution also ensures common facilities like electricity, furniture and other infrastructural facilities to the research labs.

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

Students of this college are properly guided by the faculty members for doing their project work. Moreover, some meritorious students are allowed to do their project work in some of the pioneer research institutions. ***Financial advance is also provided to the students for project submission, publication assistance etc., provided their Research Guide or Faculty guarantees repayment.*** Students from different institutions are allowed to do their post graduate and undergraduate projects in various departments of our institutions. The institution provides internet and computer facilities to the post graduate and research students. All these are provided free of cost to the students.

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

- The faculty members of Physics and Chemistry Departments have common expertise in various fields such as ceramics, glass and Nano materials. The students selected for doing projects in this field are benefitted well by the collaborative scientific interactions with Physics and Chemistry teachers. The facilities available for Nano and ceramic synthesis are always shared by students of these departments. The proceedings of such collaborations will be published in an international journal in the near future.
- The Department of Sanskrit and the Department of Botany jointly organized talks by faculty members (Dr. Harinarayan M. K., Botany Department and Dr. Lakshmi Sankar, Sanskrit Department) to the students about scientific and historical aspects of ancient medicinal plant science (Vriksha Ayurveda). These departments took initial steps to protect the trees in our campus (including the Botanical garden) by displaying their Sanskrit and scientific names on the trees.
- The science departments organize seminars on various topics in current scientific fields of interdisciplinary relevance. The Post graduate Department of Botany conduct a two day seminar competition programme, twice in a year. The post graduate students present seminars on various topics of Botany in every semester. The department encourages such activities of students by awarding cash prizes (Prof. Induchoodan Memorial Cash award) for best performer in seminar competition during their course. In 2016, the post graduate students of Physics department presented monthly student seminar in various physics related topics and also in several interdisciplinary research topics. Active participation of students and teachers made enormous changes in the scientific attitude of students.
- In 2017, the department started a new platform called “**PHYSICS FORUM**” for improving scientific interaction among students. Invited talks, quiz completion, essay writing completion are the major programmes organized by the “**PHYSICS FORUM**”
- The Departments of Physics and Chemistry jointly organized a seminar on “X-Ray Diffraction and Quantum Mechanics” in March 2017. The invited talks delivered by experts gave detailed information about the interdisciplinary aspects of these subjects in Physics and Chemistry.

Table 3.18 Details of scientific seminars conducted by the post graduate Physics students in 2016:

Sl no:	Name of Student	Month	Topic
1	Jibi K. B.	June	Higgs Boson
2	Meena A. G.	July	Osmotic Power
3	Thushara P. R.	August	Organic light emitting diode
4	Radhika E. R.	September	Compact Fluorescent Lamp
5	Sneha P.S.	October	Carbon Nano tube
6	Sneha Mohan T.M.	November	Black Holes
7	SreeChithra V.	December	Optical Fibre

- The departments of Malayalam and Sanskrit organized several seminars and workshops in several performing arts of Kerala in recent years. These seminars and workshops gave an informative cultural background of Malayalam and Sanskrit languages. The initiatives put forward by these departments by organizing such seminars and workshops made immense changes in the attitude of the students and research community working in the field of ancient theatres, cultural studies and Indian Philosophy.

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

- Research centres are equipped with sophisticated instruments and these are made available to research students. These facilities are provided to outside students as per the recommendations from faculty members of other colleges.
- The institution provides INFLIBNET *facility* and all the research and post graduate students utilize such facilities by providing passwords to students.
- The reference books available in the research departments can be used by the research scholars and the faculty. The Reference Register is maintained for recording the details of reference made. Library Advisory Committee analyses the register for identifying the need of reference books.
- Suggestions and feedback of research scholars, students and staff are invited to assess the availability and required improvement of facilities.
- Computer with internet facility is available in each department.
- A stock register (with location/bin details) is maintained in each department for easy availability of the various equipments.
- The use of smart boards for lecture classes is always promoted by the institution.

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

The research departments of Physics, Botany and the Department of Chemistry took initial steps to submit a research proposal for DST – FIST grant--(Details attached). The major thrust areas of research included in this proposal are organic thin film devices; Nano materials synthesis and characterization for electronic applications, materials for wireless communications and taxonomy. The proposal aims to create a balanced research portfolio

containing fundamental and application oriented programmes. The up gradation of research facilities in these departments can be done by utilizing such grants. The proposal was scrutinized by research committee in February 2017 and it will be submitted immediately. The faculty members of this institution utilize various schemes of UGC and KSCSTE for the promotion of research.

At present, no other grants are received during 2012-17.

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 on-going and completed projects and grants received during the last four years.

- The research committee of the institution regularly updates and transfer the details of various supports that can be availed by the faculty and institution, from the various funding agencies to the staff.
- The committee inform the faculty members about the time line for the submission of research proposals to the funding agencies.
- The institution provides full freedom to the Principal investigators right from the preparation of proposals till the completion of project.
- The project grant credited to Principal's account is released as per the request from the Principal Investigator without any procedural or sanctioning delay.
- The '**Seed Money Programme**' provides the faculty members with initial financial advance for project preparation, TA/DA for presentation of the project before the Funding Agencies, Publication assistance, Opening Letter of Credit for importing equipments from foreign countries, etc. This Programme was started in 2016 and the fund is sanctioned by the Principal as per the recommendation from the research committee.

The details of completed and on – going research projects are already listed in 3.1.5

3.3 Research Facilities

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

Five of our faculty members have guide ships in Calicut and other universities such as Kannur, Bharathiyar, Amritha Univeristy etc. The following are the major facilities available in the institution for research activities.

- Well-equipped research scholars' room with internet facility.
- Botanical Garden – About 50 cents of land in the campus is converted and conserved as a botanical garden. A "*santhisthal*" is maintained under the financial assistance of Kerala State Bio-diversity board, which is a conservatorium of selected angiosperm plants.
- INFLIBNET facility
- Museum for Zoology Department – holds more than 100 specimens including bones of whales, elephant etc. Vast collection of model charts and slides are also available in the Museum.
- Laboratories in all science departments
- Automated Library.
- Reference books are arranged specifically for researchers in research departments. Moreover, the Department of Botany owns Bookson "*special collections of regional floras*" by different authors pertaining to different areas of research.

- Sanskrit department provides manuscript library, rare manuscripts (Rare books like Vaidyam, Geetahagovindam, Ramayanam pattu etc. are some examples)
- Tissue culture facility
- Molecular biology lab
- Facilities and expertise for Taxonomical identification of flowering plants.
- Facility and expertise for ceramic and Nano synthesis
- Smart class room with LCD projector and Smart digital boards
- Interactive board

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?

As per suggestions from the research committee, the head of the institution, in consultation with the research supervisors prioritise the research needs. The necessary infrastructural facilities and other facilities for promoting research are developed by the college management. Apart from funding from several agencies, the institute takes initiatives to avail funds from Alumni and other well-wishers of institution for organizing workshops and seminars. Recently, the College established INFLIBNET facility with high speed data connectivity. In order to improve the infrastructural facilities for researchers, a proposal was prepared to avail FIST research grants from the Department of Science and Technology and the process of submission will be completed within a few days.

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

The college has not yet received any special grants or finances from industry or other agency for the development of research facilities. However, various equipments were purchased by the Principal investigators by utilizing funds from major and minor projects of various funding agencies

Table 3.19 List of equipments available specifically for research in various departments purchased from minor and major projects funded by various agencies:

Sl no:	Equipment	Amount (Rs.)	Department
1	Workstation and Q Chem. Software For computational chemistry studies	3,29,000	Chemistry
2	High temperature muffle furnace	59,000	Physics
3	Hot plate with magnetic stirrers for nano synthesis	15,000	Physics
4	PCR thermal Cycler (2 no:)	3,55,340 2,99,854	Botany
5	UV GEL documentation unit	3,10,000	Botany

Table 3.19 (Continued.....)

Sl no:	Equipment	Amount (Rs.)	Department
6	Ultracentrifuge	1,99,549	Botany
7	Deep freezer	88,000	Botany
8	LEICA trinocular research microscope	1,02,008	Botany
9	Labomed digital microscope with MP camera software	3,86,750	Botany
10	Rotary microtome	1,22,715	Botany
11	Autoclave HP sterilizer	1,12,488	Botany

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

The post graduate and research students of other colleges can utilize the lab facilities of our departments with prior permission of Head of institution. The students from outside can utilize the equipment facilities as per the request received from the faculty members of other colleges. Several postgraduate students of various institutions have already completed their project under the guidance of our faculty members without any fee (see chapter 1).

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

The Institution established data connectivity 10Mbps to 18 Mbps under NME-ICT scheme and started availing the *INFLIBNET facility* more efficiently. The reference books, journals, periodicals, project reports and dissertations are available in the library. The research scholars can use internet facility in the department. The research scholars can access rare books related to taxonomical study available in Botany department. Moreover, college can utilize facilities provided by *National Digital Library*. The research scholars can access more than 7 lakh books, 3 lakh articles, 95000 thesis, video and audio lectures from this digital library.

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

The research departments of our college widely interact with several institutions like Malabar Botanical Garden, RGCB Trivandrum, C-MET Thrissur, CSIR- NIIST, Trivandrum etc. The faculty member interacts with researchers of such institutions and publishes their works in international journals. At present, no specific research facilities are developed for collaborative research purpose. However, all facilities available in the institute are utilized and shared by the faculty members, the research scholars and the researchers who are interested to utilize our expertise in different areas.

3.4 Research Publications and Awards

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

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

(a) Original research contributing to the product development:

- ❖ The research department of Botany has done extensive research in Taxonomy in recent years. Dr. Udayan P S (Assistant Professor, Department of Botany) has done

systematic research in the identification of several species which are new to science (17 new species were identified). A new species of **Salacia (Hippocrateaceae)** from South India, the locally common endemic species of which has been found to be **effective against colon cancer and cervical cell lines**. New species from Menispermaceae of South India and new species from Southern Western Ghats are some other examples of contributions of Department of Botany which can lead to new medicinal products in near future.

- ❖ The research activities of Botany department led by Dr. Udayan P.S. successfully resulted in the submission of New sequence annotation to Genbank (*Connarus paniculatus* Roxb. (Connaraceae), *Derris brevipes* (Benth.) Baker (Fabaceae), and *Inga cynometroides* (Bedd.) Bedd.ex Baker (Mimosaceae)).

(b) Research studies or surveys benefitting the community or improving the service:

- ❖ The Department of Botany made a detailed floristic diversity study about in Sacred groves in Kandanassery Panchayath and the study led to the identification of a total no: of 33 sacred groves in the Panchayath.
- ❖ The department of Sanskrit and Malayalam always takes necessary steps to know more about the fundamental aspects and historical background of ancient theatre (see 3.1.6).
- ❖ As a part of NSS activities, two major health surveys were conducted in Guruvayur Municipality and Choondal Grama panchayanth recently.

3.4.2 Does the institute publish or partner in publication of research journals? If yes, indicate the composition of editorial board, publication policies and whether such publication is listed in any international data base?

As per the suggestion from research committee, the institute started initial steps to publish an interdisciplinary journal “SPECTRUM” and the official formalities are yet to be completed. The institution is waiting to get the ISSN Number from the concerned authority. The editorial board comprises the following members which covers representatives of all departments:-

Table 3.20 Editorial Board members of “SPECTRUM”

Sl no:	Name of the Faculty member	Department	Position
1	Sri. D. Jayaprasad, Principal	Mathematics	Chief Editor
2	Dr. G. Jayakrishnan, IQAC convenor	Botany	Managing Editor
3	Sri. Gopinathan P.	Commerce	Managing Editor
4	Dr. Udayan P.S.	Botany	Associate Editor
5	Dr. Jayasankar M.	Chemistry	Associate Editor
6	Dr. Sreeja T. D.	Chemistry	Member
7	Dr. Rajesh K. R.	Physics	Member
8	Smt. Radhika Menon P.	English	Member
9	Dr. Vishnu R.	Physics	Member
10	Dr. Ambili K.	Economics	Member
11	Dr. Prasad M. V.	Politics	Member
12	Smt. E. Sreelatha	Malayalam	Member
13	Dr. Sudha E. K.	Sanskrit	Member
14	Smt. Dhanya K.S.	Commerce	Member
15	Smt. Smitha K. R.	Biochemistry	Member
16	Dr. Geetha K.	Physics	Member
17	Dr. manoj E.	Chemistry	Member
18	S mt. Niranjana M. R	Botany	Member

3.4.3 Give details of publication by Faculty and students (2012-17)

- ❖ **Total no: books published = 9**
- ❖ **Total no: of book chapter published =11**
- ❖ **Total no: of international publications =69**
- ❖ **Total no: of national papers = 24**
- ❖ **Other publications = 19**
- ❖ **Total no: of presentations = 124**
- ❖ **Total no; of articles as conference proceeding = 12**

Table 3.21 h index and citation of faculty members who published papers in international data base (for the faculty of Science) as per “Google Scholar” (These publications are the total no: of publications of faculty members till 2017 February)

SI no:	Name of the faculty member	Department	Total no: of Publications by the faculty members (till February 2017)		Citations all	h index	i10 index
			International	National papers / conference articles			
1	Dr. Udayan P.S.	Botany	31	7	417	8	7
2	Dr. Harinarayan M. K.	Botany	3	2	36	2	1
3	Dr. Lovely M.R.	Physics	3	3	24	3	-
4	Dr. Geetha K.	Physics	12	-	143	6	5
5	Dr. Vijoy P.S.	Physics	1	2	14	2	-
6	Dr. Rajesh K. R.	Physics	14	4	242	8	8
7	Dr. Nishanth T.	Physics	23	6	191	9	9
8	Dr. Vishnu R.	Physics	3	22	24	4	-
9	Dr. Manu K. M.	Physics	9	4	84	6	4
10	Dr. Sreeja T. D.	Chemistry	11	1	135	7	6
11	Dr. Manoj E.	Chemistry	17	5	247	9	8
12	Dr. Jayasankar M.	Chemistry	12	0	144	8	5
14	Sri. Suresh V. Nampoothiri	Chemistry	12	7	172	6	4
15	Dr. Brinsh R.	Zoology	3	0	3	1	-

Table 3.22 Books Published by the faculty

Sl no:	Name	Title	Publisher	Year
1	Dr. Udayan P. S.	Flowering plants of the Sholas and Grasslands of the Nilgiris	Institute of Forest Genetics and Tree Breeding (IFGTB), Coimbatore	2013 ISBN: 978-81-900346-9-2
2	Dr. Prasad M. V.	The Elusive Peace Process: PA and US	Northern Book Centre, New Delhi	2016 ISBN No.81-7211-366-8
3	Jisha S Kumar	Role of emotional intelligence in managing stress at work place	Lambert Academic publishing	2013 ISBN: 978-3-659-34489-3
4	Dr. K. V. Vasudevan	Ayurvedaparichayah	Own book, Samskrita Bharati, New Delhi	2013
5	Dr. Sudha E. K.	Hastamudraadeepika	Own book	2012
6	Dr. Sudha E. K.	Sri Gurupavanpuresa Pancharatna	Own book	2012
7	Dr. Nishanth T.	An Introduction to Chemistry of Trace Gases in Kannur, India	Lambert Academic publishing	2013 ISBN: 978-3-659-37538-5
8	Dr. Nishanth T.	An Introduction to Physics of aerosol over Kannur, India	Lambert Academic publishing	2013 ISBN: 978-3-659-43854-7
9	Dr. Nishanth T.	Spectroscopic study of bioconcentration of zinc on Labeo Rohitha	Lambert Academic publishing	2013 ISBN: 978-3-659-41911-9

Table 3. 23 Book Chapter Published by the faculty during last five years

Sl no :	Name	Title	Publisher	Year	ISBN no:
1	Dr. Udayan P. S. & Dr. Harinarayanan M. K	A Few Rare, Endemic, Endangered and Threatened Plants of Western Ghats for Conservation Concern in Biodiversity and Taxonomy	Narendra publishing House, New Delhi	2012	ISBN:97893804289259380428928

Table 3.23 (Continued.....)

Sl no:	Name	Title	Publisher	Year	ISBN no:
2	Dr. Udayan P. S.	Diversity, Distribution mapping and Ex situ Conservation of Rare, Endangered and Threatened Medicinal species of the Western Ghats, in Forest Genetic Resources Management in India pp. 309-313	Institute of Forest Genetics & Tree Breeding (IFGTB), Coimbatore.	2012	ISBN 978-81-900346-5-4
3	Reena A. M.	Charithrath Varavelkumpol, Vayla –life, Vision, theatre, ,page 454-459	Vayala Vasudevan Pillai Trust	2013	ISBN: 978-81-9287101-0-5
4	Sreelatha E	Agniyile Prathekathmakatha, Vayla – life, Vision, theatre, ,page 437-432	Vayala Vasudevan Pillai Trust	2013	ISBN: 978-81-9287101-0-5
5	Jisha S Kumar	“A study on job satisfaction of employees of Syndicate bank” in FINNOVA 14	NSS college	2014	ISBN; 978-81-89085-91-9
6	Jisha S Kumar	Prospects and problems of Farm Machinization – A study of Kottarakara Block in Kollam District page 149-153, Vol.2	International Journal of Functional Management, SSM Educational and Research Foundation, Salem, Tamilnadu	2014	ISSN: 2319-1406

Table 3.23 (Continued.....)

Sl no:	Name	Title	Publisher	Year	ISBN no:
7	Dr. Udayan P. S.	Seed germination studies of <i>Grewia tiliifolia</i> Vahl (Tiliaceae) – A need for Conservation. In <i>Advances in Tree Seed Science and Silviculture</i> pp. 133-137	Institute of Forest Genetics & Tree Breeding (IFGTB), Coimbatore	2015	ISBN 978-93-82387-10-7
8	Jisha P. S.	“A comparative study of job satisfaction among bank employees” in <i>Innovations in the business harnessing sustainability</i> Page no: 392-401	MJP publishers	2016	ISBN: 9778180943218
9	Jisha P. S.	“Job satisfaction among bank employees- A comparative study of public and private sector bank in Kerala” in <i>Personal financial management</i> Page no: 392-401	U2 write publishers	2016	ISBN: 978-81-908718-8-4
10	Jisha S Kumar	”A study on employee’s view on welfare measures” in <i>Personal financial management</i> page no: 111-117	U2 write	2016	ISBN; 978-81-9087-8-4
11	Jisha S Kumar	“Total quality management for sustainable development” in <i>Innovations in Business harnessing sustainability</i> , page 893-906	MJP publishers	2016	ISBN; 978-81-8094-321-8
12	Reena A. M.	“Hridayathil Manassu sookhicha Njana Budhan” in <i>Prdeepthasmaranakal Ormapusthakam</i> page 82-	Progress publications, Calicut	2017	ISBN: 978-93-84638-54-2

Table 3.24 Publication by the faculty members in international journals

Sl no:	Name of the Faculty member	Title of the article	Name of the Journal	Volume, page and year
1	Dr. Udayan P. S.	A new species of <i>Salacia</i> (Hippocrateaceae) from South India	<i>Edinburgh Jour. Botany</i>	69 (2): 255–258 (2012)
2	Dr. Udayan P. S.	Notes on the occurrence of <i>Salaciareticulata</i> Wight (Hippocrateaceae) in India	<i>Acta Botanica Hungarica</i>	54 (3-4): 433-441 (2012)
3	Dr. Udayan P. S.	Molecular distinction of two closely resembling <i>Morinda</i> species using <i>rbcL</i> and <i>matK</i> loci for quality management of Indian herbal medicine	<i>Plant Genetic Resources: Characterization and Utilization, Cambridge Univ. Jour</i>	1-4 doi:10.1017/S147926211200041X (2012)
4	Dr. Lovely M.R.	Torroidal magnetic field structure of solar convective envelope inferred from initial observations of sunspots	<i>New Astronomy</i>	17 (4), 392-398
5	Dr. Brinesh R.	Studies on the life-cycle of <i>Ganeotigrinus</i> Mehra & Negi, 1928 (Digenea)	<i>Syst. Parasitol.</i>	82, 13-19 (2012)
6	Dr. Udayan P. S.	Vegetation characteristics of southern secondary moist Mixed deciduous forests of windward Anamalai's of Western Ghats, India	<i>International Jour. Integrative sciences, Innovation and Technology</i>	2(3): 42-53 (2013)

Table 3.24 (continued.....)

Sl no:	Name of the Faculty member	Title of the article	Name of the Journal	Volume, page and year
7	Dr. Udayan P. S.	<i>Actinodaphne shendurunii</i> (Lauraceae): A new species from Southern Western Ghats, India	<i>International Journal Plant, Animal and Environmental Sciences</i>	3(3): 185-188 (2013)
8	Dr. Udayan P. S.	Rediscovery of an endemic and rare <i>Premna paucinervis</i> (Verbenaceae) from the Western Ghats after a century	<i>Rheedea</i>	23(1): 10-12(2013)
9	Dr. Udayan P. S.	<i>Salacia vellaniana</i> Udayan, Yohannan & Pradeep (Celastraceae), a new species from India	<i>Candollea</i>	68 (1): 147- 149 (2013)
10	Dr. Udayan P. S.	<i>Syzygium sasidharanii</i> sp. nov. (Myrtaceae) – A new species with edible fruits from Agasthyamala Hills of Western Ghats, India	<i>International Jour. Advanced Research</i>	1 (5): 44-48 (2013)
11	Dr. Udayan P. S.	A new species of <i>Clematis</i> L. (Ranunculaceae) from Western Ghats of Kerala, India	<i>International Journal Plant, Animal and Environmental Sciences</i>	3 (4): 81-85 (2013)

Table 3.24 (continued.....)

Sl no:	Name of the Faculty member	Title of the article	Name of the Journal	Volume, page and year
12	Dr. Udayan P. S.	Caralluma bicolor Ramach. et al., (Apocynaceae, Asclepiadoideae) – A rare and little known endemic plant as a new report from the Western Ghats of Palakkad District, Kerala State, India	<i>Jour. Threatened Taxa.</i> www.threatenedtaxa.org	5 (15): 5007-5009 (2013)
13	Dr. Udayan P. S.	A new species of Oxalis L. (Oxalidaceae) from Western Ghats of Kerala, India	<i>International Journal of Advanced Research</i>	1 (10): 55-58 (2013)
14	Dr. Udayan P. S.	Notes on Justicia notha Clarke (Acanthaceae) – A Critically Endangered and Endemic species from Southern Western Ghats of India. NeBIO	<i>International Journal of Environment and Biodiversity</i>	4(6): 33-35 (2013)
15	Dr. Udayan P. S.	Decalepis nervosa (Wight & Arn.) Venter (Apocynaceae, Periplocaceae): a rare and little known endemic plant from Kerala	<i>Nelumbo</i>	55: 188-190 (2013) Botanical survey of India
16	Dr. Geetha K.	Two photon fluorescence spectra from MEH-PPV/Polystyrene based film waveguides	<i>Journal of Optics</i>	42(2):101–105 (2013)

Table 3.24 (continued.....)

Sl no:	Name of the Faculty member	Title of the article	Name of the Journal	Volume, page and year
17	Dr. Nishanth T.	Observational study of surface O ₃ , NO _x , CH ₄ and total NMHCs at Kannur, India	<i>Aerosol and Air Quality Research</i>	doi: 10.4209/aaqr.2012.11.0323 (2013)
18	Dr. Nishanth T.	Influence of ozone precursors and PM ₁₀ on the variation of surface O ₃ over Kannur, India	<i>Atmospheric Research</i>	138, 112-124 (2013)
19	Dr. Brinsh R.	Studies on the life-cycle of <i>Uvuliferiruvettiensis</i> sp.nov. (Digenea : Diplostomidae)	<i>Acta Parasitol.</i>	58(1), 91-97 (2013)
20	Dr. Ambili K.	<i>Krishnanattam- Glances across the screen: An analysis of the Divine Dance Drama under the Rubric of Cultural Economics</i>	<i>International Journal of Scientific Research</i>	2 (9): September2013
21	Dr. Ambili K.	An Econometric analysis of Pepper	<i>International Journal of Social Science and Interdisciplinary Research</i>	2 (11): September 2013
22	Dr. M. R. Krishnan Namboothiri	Experimental learning methods for imparting language skills to territory level students	<i>Elixir Literature</i>	54 (13): Janaury2013

Table 3.24 (continued.....)

Sl no:	Name of the Faculty member	Title of the article	Name of the Journal	Volume, page and year
23	Dr. Udayan P. S.	<i>Thottea sasidharaniana</i> sp. nov. (Aristolochiaceae) from Peninsular India	<i>Nordic Journal of Botany</i>	31: 001–004 (2014)
24	Dr. Udayan P. S.	A new variety of <i>Salacia</i> (Celastraceae) from the Western Ghats of Kerala, South India	<i>International Journal Plant, Animal and Environmental Sciences</i>	4 (3): 100-102 (2014)
25	Dr. Udayan P. S.	<i>Cinnamomum agasthyamalayanum</i> sp. nov. (Lauraceae) from Kerala, India	<i>International Journal of Advanced Research</i>	2 (10): 1012-1016 (2014)
26	Dr. Brinesh R.	The life-history of <i>Pleurogenoides malampuzhensis</i> sp. nov. (Digenea: Pleurogenidae) from amphibious and aquatic hosts in Kerala, India	<i>J. Helminthol.</i>	88: 230 – 236 (2014)
27	Jisha S Kumar	Casa in rural and semi urban branches, a study on selected branches of SBI in Kottayam zone	<i>International Journal of Functional Management</i>	2:57-63 (2014)
28	Dr. Harinarayanan M. K.	Effect of gamma rays on yield attributing characters of okra (<i>Abelmoschus esculentus</i> (L.) Moench)	<i>International Journal of Advanced Research</i>	2.5: 535-540 (2014)

Table 3.24 (continued....)

Sl no:	Name of the Faculty member	Title of the article	Name of the Journal	Volume, page and year
20	Dr. Harinarayanan M. K.	Effect of gamma rays on seed germination in Bhindi(<i>Abelmoschus esculentus</i> (L.) Moench)	<i>International Journal of Current Research</i>	6.05: 6719-6721 (2014)
30	Dr. Harinarayanan M. K.	<i>Abelmoschus moshatus</i> Moench var. <i>multiformis</i> : new report of cytology and its occurrence in south India.	<i>J.swamy Bot.</i>	31:37-38 (2014)
31	Dr. Rajesh K. R.	High Mobility Polymer Gated Organic Field Effect Transistor Using Zinc Phthalocyanine	<i>Bulletin of Materials Science</i>	37 (1): 95 (2014)
32	Dr. Udayan P. S.	Diversity inventory and conservation of endemic and threatened medicinal plants of Malappuram District, Kerala	<i>Annals of Plant Science.</i>	4 (3): 1022-1028 (2015)
33	Dr. Udayan P. S.	Observations on the medicinal plant diversity of Malappuram district of Kerala with special reference to folk and Indian systems of medicines.	<i>International Journal of Advanced Research</i>	3 (2): 314-325 (2015)
34	Dr. Udayan P. S.	. <i>Gentiana kurumbae</i> , a New Species of Gentianaceae from the Western Ghats of Kerala, India	<i>Taiwania</i>	60 (2): 81–85 (2015)

Table 3.24 (continued.....)

Sl no:	Name of the Faculty member	Title of the article	Name of the Journal	Volume, page and year
35	Dr. Udayan P.S.	Litsea udayanii (Lauraceae): A new species from Southern Western Ghats, India	<i>Phytotaxa</i>	222 (1): 044–050 (2015)
36	Dr. Udayan P.S.	Molecular Systematics of Indian Salacia based on ITS Sequences of nrDNA	<i>International Journal of Advanced Research</i>	3 (7): 1513-1521 (2015)
37	Dr. Udayan P.S.	Species discrimination through DNA barcoding for the genus Salacia of the Western Ghats in India.	<i>Nordic Journal Bot.</i>	33: 722-728 (2015)
38	Dr. Udayan P.S.	Diospyros udaiyanii (Ebenaceae) – A new species from Malabar Wild Life Sanctuary, Western Ghats, Kerala, South India	<i>Bangladesh J. Plant Taxon</i>	22(2): 83-86 (2015)
39	Suresh V. Nampoothiri	Identification and quantification of Phenolic Compounds in Alpinia galanga and Alpinia calcarata and its Relation to Free Radical Quenching Properties: A Comparative Study.	<i>Journal of Herbs, Spices & Medicinal Plants</i>	21:140–147 (2015)
40	Suresh V. Nampoothiri	Essential oil composition, α -amylase inhibition and antiglycation potential of Curcuma aromatic Salisb.	<i>Journal of Essential Oil Bearing Plants</i>	18(05): 1051 – 1058 (2015)

Table 3.24 (continued.....)

Sl no:	Name of the Faculty member	Title of the article	Name of the Journal	Volume, page and year
41	Dr. Manoj E.	Crystal structure of aqua[(E)-N ³ -(5-bromo-2-oxidobenzylidene-κO)benzohydrazidato-κ ² O,N ³]-dioxidomolybdenum(VI) dimethylformamide monosolvate	<i>Acta Cryst.</i>	<i>E71</i> , 702-705 (2015)
42	Syama M. S.	Sabaltern speaking: An Anatomy of Vehment life of 'mixture' portrayed in Reel life	<i>The Investigator, Journal of Multidisciplinary Explorations</i>	1 (2015)
43	Dr. Sarathchandran S.	The Subatern can speak in the novels of Arundhathi Roy and Kiran Desai	<i>Elixir Literature</i>	54: 2015
44	Dr. Sarathchandran S.	Subsistence Perspective in the novels of Arundhathi Roy and Kiran Desai	<i>Elixir Literature</i>	54: 2015
45	Dr. Udayan P.S.	<i>Cuscuta krishnae</i> (Convolvulaceae), a new species from Southern Western Ghats, Kerala, India	<i>Webbia Journal of Plant Taxonomy and Geography</i>	71(1): 45–47 (2016)
46	Dr. Udayan P.S.	Morphological Characterization of Herbaceous <i>Phyllanthus</i> spp.- (Euphorbiaceae) from Kerala	<i>Jour. Applied Horticulture</i>	18(1): 30-33 (2016)
47	Dr. Udayan P.S.	Floristic diversities and medicinal importance of selected sacred groves in Thrissur district, Kerala	<i>Tropical Plant Research</i>	3(1): 230–242 (2016)

Table 3.24 (continued.....)

Sl no:	Name of the Faculty member	Title of the article	Name of the Journal	Volume, page and year
48	Dr. Udayan P.S.	Ecology and distribution of the genus <i>Humboldtia</i> Vahl (Leguminosae) in India	<i>International Journal Plant, Animal and Environmental Sciences.</i>	6(2): 87-94 (2016)
40	Dr. Udayan P.S.	<i>Beilschmiedia jacobii</i> sp. nov. (Lauraceae): from Agasthyamal Biosphere reserve of southern Western Ghats, India	<i>Phytotaxa.</i>	266 (4): 282-288 (2016)
50	Dr. Udayan P.S.	Pollen morphological studies of 10 endemic Legumes from India	<i>International Jour. Advanced Research</i>	4(6): 597-605 (2016)
51	Dr. Udayan P.S.	A note on the occurrence of <i>Humboldtia laurifolia</i> Vahl (Leguminosae-Caesalpinioideae), a vulnerable tree species in India	<i>International Jour. Current Science</i>	19(3): E 1-5 (2016)
52	Dr. Udayan P.S.	Typification of ten taxa in the genus <i>Actinodaphne</i> Nees (Lauraceae) in India	<i>Telopea, Jour. Plant Syst.</i>	19: 173-184 (2016)
53	Dr. Manu K. M.	Tape casting of low permittivity Wesselesite – glass composite for LTCC based microwave applications	<i>Ceram. Int.</i>	42 (1), 1210- 1216 (2016)
54	Dr. Manoj E.	Molecular trail for the anticancer behavior of a novel copper carbohydrazone complex in BRCA1 mutated breast cancer	Mol. Carcinog.	9999:1–14. doi:10.1002/mc.22610 (2017).

Table 3.24 (continued.....)

Sl no:	Name of the Faculty member	Title of the article	Name of the Journal	Volume, page and year
55	Suresh V. Nampoothiri	Essential oil composition of <i>Alpinia calcarata</i> and <i>Alpinia galangal</i> – A comparative study	<i>Journal of Essential oil Bearing Plants</i>	19 (1): 82-87 (2016)
56	Syama M.S.	Ressitance as aweapon for woman a question upon culture: An analysis of Deepa Mehta’s films ‘Water and Fire’	<i>The Investigator, International journal of multidisciplinary explorations</i>	2: 2452 – 3314 (2016)
57	Dr. Uma Devi D.	Repellency of essential oil extracted from <i>Cymbopogon Citratus</i> against the nuisance household pest, <i>Luprops tristis</i> fab. (Coleoptera:Tenebrionidae)	<i>International Journal of Scientific Research</i>	7(4): 10309-10313 (2016)
58	Dr. Uma Devi D.	Hyperlipaemic effects of a neuropeptide hormone isolated from insects on vertebrate liver	<i>Asian journal of phytomedicine and clinical research</i>	4(2):33- 39 (2016)
59	Dr. Uma Devi D.	A preliminary study of lipid in the wool fibre of domestic goat	<i>International journal of current research</i>	8(6): 33164-33165 (2016)
60	Smitha K. R.	Omega 3 fatty acids: Do they raise health concerns	<i>JSM Biochemistry & Molecular biology</i>	3(1):1-5 (2016)
61	Smitha K. R.	Deep fried edible oils disturb hepatic redoxequilibrium and heightens lipotoxicity and hepatoteatosis in male wistar rats	<i>Human and experimental toxicology</i>	1-12 (2016)

Table 3.24 (continued.....)

Sl no:	Name of the Faculty member	Title of the article	Name of the Journal	Volume, page and year
62	Smitha K.R.	Virgin coconut oil maintains redox status and improves glycemic conditions in high fructose fed rats	<i>Journal of food science and technology</i>	53 (1): 895-901 (2016)
63	Hima Hari U	Dimensions of water pollutions in Kerala – Threats and Management Issues	<i>International Journal of Business and Administration Research Review</i>	February 2015
64	Hima Hari U	Trend and pattern consumption in Kerala – A macro level analysis	<i>International Journal of Scientific Research</i>	February 2015
65	Hima Hari U	An Assessment of Women Empowerment in India – Constitutional provision and steps taken by the Government	<i>International Journal of Management and social science research review</i>	January 2015
66	Soya Joseph	Creating textual space: A study of selected works of Dalit woman writers	<i>The Investigator</i>	3: 1-3 (2015)
67	Smitha K. R.	Development of an anti-atherosclerotic polyherbal formulation:GSTC3	<i>J. Environ. Pathol. Toxicol. Oncol.</i>	34: 237-248 (2015)
68	Smitha K. R.	Virgin coconut oil supplementation ameliorates cyclophosphamide induced systemic toxicity in mice	<i>Human and Experimental Toxicology</i>	1-8 (2015)
69	Dr. Udayan P. S.	Taxonomical and Phytosociological studies on Chithalikavu – A Sacred grove, Thrissur district, Kerala	Tropical Plant Research	4 (1): 20-30 (2017)

▪ **Publications in National journals by the faculty members (2012-17)**

1. Niranjana M R., Madhusoodanan P V. and R Prakash Kumar 2013. The Pteridophyte Flora of Malabar Wildlife Sanctuary: A preliminary Report. Indian Fern Journal 30(1-2):119-127.
2. M. R. Krishnan Namboothiri, Language in India, Overcoming Mental Inhibition through experiential learning strategies, 13 (1), January 2013.
3. Prasad M.V, "Arab Spring and Palestine", *Area Studies*, Vol.7(2) July - December 2013, 118-125
4. Ambili K and K X Joseph "Internationalization of Higher education in India: Problems and Prospects", Journal of Extension and Research, Gandhigram University.
5. Ambili K and K X Joseph "Perspectives on 'Social Inclusion' via Islamic Economics: Initiatives and Ideas of Amartya Sen and B. R Ambedhkar" Development Review, Dr. John Mathai Centre Aranattukara
6. K. V. Vasudevan, 2014, Kavyaswadane vyakaranasastrasyopayogah, A Journal of Sukrtheendra oriental research institute
7. Seena Mohan and P.S. Udayan. 2014. Seed germination studies of *Trichosanthes cucumerina* L.(Cucurbitaceae) - A commercially important medicinal plant for conservation. *Discourse Xavierian Research Journal* 2(2): 35-40.
8. P. S. Jisha, P.R. Kiran, 2014, Job satisfaction – a case study of Anjanam technologies, Thrissur, International journal of technical and management research, 2, 11-19
9. K. V. Vasudevan, 2015, Vadavicharah - Carakasamhithayam, Theories of debate in Indian dialatical traditions, Dept. of Nyaya, Govt. Skt. College, Tripunithura
10. Lakshmi Sankar, 2013, The Democratic perspective of the concept of Dharma, Journal of DBCT (ISSN 2348-7984) Devaswam Board College, Talayolaparambu.
11. Lakshmi Sankar, 2015, The concept of state and Administration in Valmeeki Ramayana, Poetry and poetics through ages- ISBN 8183152422-9788183152426) Published by the Department of Sanskrit sahitya, Rastriya Samskrita Samstan Deemed University, Guruvayur Campus, Trissur
12. E. K. Sudha, 2015, Rasa Theory and its Dimensionality, Journal of Rashtriya Sanskrit Sansthan. Hima Hari U "Islamic Banking in Indian Scenario – A Theoretical Analysis" in 'Paripex -Indian Journal of Research' on Feb 2015 with ISSN-2250-1991.
13. Hima Hari U "Status of Women in Kerala - A Macro Level Analysis" in the 'Global Journal for Research Analysis' on March 2015 with ISSN-2277-8160.
14. Hima Hari U "Urbanization in Kerala – Trends and Consequences" in the 'Indian Journal of Applied Research' on May 2015 with ISSN-2249-555X
15. Hima Hari U "Consumer Behaviour towards Durable goods in Urban Kerala" in 'Southern Economist' on 15th August 15 with ISSN-0038-4046.
16. Soya Joseph, 2015, Defining the Conumndrum of Oppression, An Ecofeminist perspective of Themsula Ao's works, *Alfomine*, Vol. 3
17. Anupama A., 2015, From Patience to Resistance: Ecocriticism in Animated movies, *Research Scholar*, Vol.5, page 35-39
18. Jeksy J M, Indu M S, Smitha K R, Arunaksharan N and Achuthan C R, 2015, Component Authentication and Standardization of an Anti-atherosclerotic Herbal Formulation-GSTC3, 7(6), pp 339-343.
19. Jeksy J M, Merin B, Smitha KR, Indu M S, Jose P, Achuthan C. R., 2015, Development of an anti-atherosclerotic polyherbal formulation: GSTC3, J

- Environ Pathol Toxicol Oncol.* 34, 237-248.
20. Seena M.S,2015,Swami Vivekananda and education,VISTAS ,ISSN:2319-5770.
 21. Udayan, P.S., Bindu T.K., Saranya Babu Jayaprakash C.M. and R. Prakashkumar. 2015. Distribution of *Saraca asoca* (Roxb.) de Wilde – Caesalpiniaceae an Endangered medicinal plant in Kerala forests. *Research&Reviews: Journal of Botany*, 4(2): 11-15. ISSN: 2278-2222(online).
 22. Robi, A.J., P. Sujanalal, P.S. Udayan and Prabhu Kumar K.M. 2015. *Friesodielsia sahyadrica* (Annonaceae): A New Distributional Record for Kerala with Remarkable Phytogeographical Significances. *Devagiri Journal of Science*1 (1): 82-84. ISSN 2459-2091
 23. Deepa, M. R., Sheema Dharmapal P. and P. S. Udayan. 2016.Medicinal Plants in the selected sacred groves Kodungallur, Thrissur district, Kerala. *Jour. Medicinal Plants Studies* 4(3): 149–155. ISSN2320 – 3862.
 24. Deepa, M. R., Sheema Dharmapal P. and P. S. Udayan. 2016.Rare, endemic and medicinal plants of sacred groves in Chavakkad, Thrissur district, Kerala. *Asian Jour. Biol. Life Sci.* 5(1): 78–87. ISSN 2278–747X print, ISSN2278-5957 online.(www.pbsjournals.com).

▪ **Publications in state and regional journals by the faculty (2012-17)**

1. K. V. Vasudevan, 2012, Koottappadakavum koodiyaattavum oravalokanam, Keli (A Bio-monthly journal of Kerala Sangeetha Nataka Academy, Thrissur)
2. K. V. Vasudevan, 2012, Purusharthakoothinte tatparyartham, Keli (A Bio-monthly journal of Kerala Sangeetha Nataka Academy, Thrissur)
3. A. M. Reena,2014, Kalaghathinte Rudhira chithrangal, Keli (A Bio-monthly journal of Kerala Sangeetha Nataka Academy, Thrissur)
4. A. M. Reena,2014, Gandhi- Navakala vayanayum kazhchayum, Keli (A Bio-monthly journal of Kerala Sangeetha Nataka Academy, Thrissur)
5. K. V. Vasudevan, 2015, Ravanan - koodiyattathilum kathakaliyilum, Keli (A Bio-monthly journal of Kerala Sangeetha Nataka Academy, Thrissur)
6. E. K. Sudha, 2015, Pratheekathmakatha – Natyasastrathil, Journal of DBCT - Bi-annual multi- disciplinary journal.
7. Nitha R., 2015, Manjula Padmanabhan's honest and paradigms of subversive construction, LUXMONTIS, Girideepam journal, Girideepam institute of advanced learning, ISSN 2321-8053,Vol.3,
8. Anupama A., 2015, Silenced by Culture: Gender issue's in Mahesh Dattant's plays, Lux Montis, Girideepam Institute of Advance Learning, Vol.3, page 58-64
9. Soya Joseph, 2016, Representing Fret and Fury of marginalised:A study of Writing of Themsula Ao, LUXMONTIS, Girideepam Journal, Girideepam institute of advanced learning,Vol. 4,page 44-49
10. Smitha K R, Ansa P U, Jeksy J M, Indu M S, Arunaksharan N, Babu T D and Achuthan C R,(2015, Antioxidant and antiproliferative activities of *Uvaria narum* seed oil (UNSO), *Amala Research Bulletin*, 35, 107- 112.
11. Anagha K, Arunaksharan N, Jeksy J M, Indu M S, Smitha K R, Shaji E M, Ramya M K, Soorya P I, Balu T K and Achuthan C R,2015, Vitamin E supplementation modulates the effect of Omega 3 fatty acids treatment in aged rats,*Amala Research Bulletin*, 35, 84- 91.
12. Indu M S, Arunaksharan N, Smitha K R, Jeksy J M, Vipin P S, Shaji E M, Ramya M K, Jose Padikkala and Achuthan C R ,2015, *Desmodium gyrans* DC modulates

- lipid trafficking in macrophages and improves functional HDL in rats, *Amala Research Bulletin*, 35, 143- 150.
13. Jeksy M J, N Arunaksharan, M S Indu, K R Smitha, E M Shaji and Achuthan C R ,2015, Influence of proportional variations of constituent plant extracts in a polyherbal formulation GSTC on hyperlipidemia, *Amala Research Bulletin*, 35, 193-205.
 14. Shaji E M, Smitha K R, Arunaksharan N, Ramya M K, Babu T D, Balu T K and Achuthan C R,2015, Preliminary phytochemical screening, cytotoxic and antitumor studies of *Simarouba glauca* DC. (Laxmitaru), *Amala Research Bulletin*, 35, 15- 23.
 15. Jeksy J M, Indu M S, Smitha K R, Arunaksharan N and Achuthan C R,2015, Component Authentication and Standardization of an Anti-atherosclerotic Herbal Formulation-GSTC3, 7(6), pp 339-343..
 16. A. M. Reena,2015, Sangaditha, Editorial
 17. A. M. Reena, 2015, Vivarthanavum Vyjanikathayum, Malabar Research Manual, page 99-103
 18. Lakshmi Sankar, 2016, Martha'sKrishnanattom Encounters, Bhavans Journal November.
 19. Reena A. M, 2017, Kambolaneethiyum Pradthrodhavum avunnum, Keli A biomonthly journal, Kerala Sangeetha Nataka Academy.

▪ **Conference articles published by the Faculty members (2012-17)**

1. K. R. Rajesh and C.S. Menon, "Polymeric gated organic field effect transistor using magnesium phthalocyanine"Proc. SPIE 9185, Organic Field-Effect Transistors XIII; and Organic Semiconductors in Sensors and Bioelectronics VII, 918515 (October 7, 2014); doi:10.1117/12.2062672SPIE Conf. August 17, 2014, San Diego, California, United States.
2. E. Sreelatha,2014 Uchathil Chirikkunna Kathakal, Malabar Research Manual, ,page 113-116, ISSN 2320-947 X
3. Jisha S. Kumar, Jubille Navaprabha, 2014, A study on job satisfaction of employees of syndicate bank, FINNOVA14, 91-105.
4. Devipriya M.S., V. Devipriya and P.S. Udayan. Morphological and Palynological studies on species of *Salacia* (Celastraceae) from Kerala. Silver Jubilee Conference of IAAT and Council Meeting of IAPT and International Seminar on Advancements in Angiosperm Systematics and Conservation from 19th November to 21st November 2015, University of Calicut, Kerala, India. pp.263-264
5. Maya S. Nair, 2015, Karshika parisarathil ninnun malaylai kandedutha jeevitha muhoorthangal, VAYALPOROUL, 103-106.
6. E. Sreelatha 2015, Karshika natarivile sathreeyatha, VAYALPOROUL, 188-192.
7. Jisha S Kumar, 2015, A study on financial inclusion and self help groups, MISBAH, Research journal, research forum, MES Nedungandam, 12, 74-84.
8. P. P. Santhosh and Mary Anithalatha Sadanandan . 2016 A new species of *Amblyseius* Berlese (Acari: Phytoseiidae) from Kerala, India, ENTOMON 41 (1):67-70.
9. P. P. Santhosh, Mary Anithalatha Sadanandan, A new species of predatory mite,(Acari: Phytoseiidae: *Amblyseius*) harbouring medicinal plants from Kerala, India.International conference on Agricultural Science and food technologies for sustainable productivity and National security, Organised by University of Agriculture Science, Bengaluru, India, August 25-27, 2016.

10. Lakshmi Sankar, The influence of Swamy Vivekananda on Indian Freedom movement, ISSN 2567-6875) proceedings of UGC National Seminar on Vedanta Philosophy , Phenomenology, enlightenment and transformation, Dept of Vedanta, Govt Sanskrit College, Tripunithura., 2016.
11. K. M. Manu, V. A. Shahina, N. Neelima, P.S. Vijoy and T. D. Sreeja, “Low Permittivity Borate Based Glass Free LTCC Ceramic for LTCC Applications, The Annual Physics Symposium, on 2-3 February 2017.
12. P. Simi Jose T. P. Kavya, T. D. Sreeja, P.S. Vijoy and K. Geetha, “Green Synthesis and characterization of Silver and Copper Nano particles”, The Annual Physics Symposium, on 2-3 February 2017.

The details specified above are the publications of faculty members after joining the service in the institution. The faculty members have several other publications such as books, articles in peer reviewed national and international journals before joining the service. The citation details of publications which are included in the international data base (Google Scholar) are listed in table 3.21.

3.4.4 Provide details (if any) of

(a) Research awards received by the faculty

- ❖ **Dr. Udayan P. S., Assistant Professor, Department of Botany**, was awarded the Fellowship of Indian Angiosperm Taxonomy (FIAT) on Plant Taxonomy in 2013 for his outstanding scientific contributions in Taxonomical research. This award is one of the prestigious awards in the field of Taxonomy and the award is jointly organized by Indian Association of Angiosperm taxonomy and International Association of Angiosperm taxonomy.
- ❖ **Dr. Udayan P.S. got best paper award** for the paper entitled”*Morphological and Taxonomical Studies on Eight Species of Salacia L*” in the **National Seminar** on Flowering Plant Reproduction & Diversity, Post Graduate Department of Botany, Fatima Mata National College, Kollam, Kerala 9th to 10th January **2015**
- ❖ **Two faculty members (Dr. Rajesh K. R., Assistant Professor, Department of Physics and Dr. Jayasankar M., Assistant Professor, Department of Chemistry)** were awarded Indo-US Raman post-doctoral fellowships in 2013 and 2016.

(b) Recognition received by the faculty from reputed professionalbodies and agencies, nationally and internationally

- ❖ **Dr. Udayan P.S. secured the Dr. Abdul Kalam Life Time Achievement National Awardfor Teaching, Research and Publications** from International Institute for Social and Economic Reforms, Bangalore at Entertainment Society of Goa, Maquinez Palace, Champal, Panaji, Goa on 06th December 2015
- ❖ **Prof. K. Ravindranath**, former Principal and former Head of the Department of Commerce was deputed as **Pro-Vice Chancellor of University of Calicut** in the year 2011 and he continued his service in the same post till 2015.
- ❖ **Dr. Sudha E. K., Assistant Professor, Department of Sanskrit** was awarded as the **best teacher in University of Calicut (Sadguru Award) in 2014 constituted by Calicut Univeersity.**

- ❖ **Dr. Ambili K., Assistant Professor, Department of Economics, got FLAIR International Internship at University of Derby, England in 2016.**
- ❖ **Dr. Lakshmi Sankar, Assistant Professor, Department of Sanskrit, got Dr. Suvarna Nalappat Sappthathi Award for the contribution in the field of Indian Philosophical Studies in 2016.** This award is organized by Dr. Suvarna Nalappat Trust which is a registered organization for the promotion of Indian Culture.
- ❖ **At present, 12 teachers are working as Board of studies members of University of Calicut and some other Autonomous college.**

(c) Incentives given to faculty for receiving State, national and international recognitions for research contributions

The Staff club of the institution maintains a usual practice to honor faculty members who completed Ph. D degree during the academic year in the Annual General Body meeting of staff and retired staff in every March. The staff club also honors the faculty members who got awards related to research, teaching and other co-curricular activities.

3.5 Consultancy

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

The institution encourages the faculty members to utilize their scientific, industrial, social linkages for the development of consultancy through institute-industry interface. The main strategy of the institution for such activities is to encourage faculty members of various departments to interact with the industrialists working in similar fields. The Principal and the management always take initiatives for the development of such industrial collaborations. Industrial visits are usual practice of study tours of undergraduate programs of Science departments. The college also invites experts from industry for talks. In order to keep good rapport with industries, the consultancy services and institute-industry interactions are co-ordinated by a Science faculty member (Dr. Vijoy P.S., Assistant Professor, Department of Physics) since 2016.

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

The stated policy of the institution is to provide consultancy service to the local community without disturbing the core duties of teaching and research. Being an affiliated arts and science college in a rural area, the institution finds difficulty to provide paid consultancy services to large scale industries. However, the faculty provides several unpaid academic and research consultancy services voluntarily for the benefit of local society. The faculty members have expertise in diverse areas in Science, arts and other socially relevant fields.

The institution always takes special efforts to promote and publicize their talents by various methods.

- ❖ The institution encourages the faculty members to participate and present their research ideas in several national level seminars organized by other institutions. Dr. Udayan P.S. is an experienced researcher in the field of taxonomy and medicinal plants. The invited talks delivered by him in recent years were benefitted to several students and research scholars working in this field in different institutions.

- ❖ Various departments organize academic as well as extension programs. Intercollegiate quiz competition organized by the Science departments and textual workshops on traditional knowledge systems in Sanskrit are some examples of initiatives for academic and research consultancy which were highly beneficial to several students, teachers and other academicians.
- ❖ The detailed profile of faculty members with their academic as well as research expertise is published in the college website
- ❖ Research findings of faculty members are always published in various journals
- ❖ The activities of college are always published in newspapers, TV channels etc.

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

The institution provides all infrastructural facilities and human resources for smooth implementation of consultancy services even if the service is an unpaid consultancy.

- ❖ The facilities available with the Physical Education department are utilized by various institutions and organizations in Kerala for arranging sports programmes.
- ❖ The equipment facilities in the science departments are provided to the needy students in the nearby colleges.
- ❖ The faculty members deliver invited lectures during seminars/ symposia in other institutions. They also act as resource persons and judges for competitions, exhibitions, scientific sessions etc.
- ❖ The institution always provides complete freedom to transfer their academic, scientific and other ideas to various media like Visual Media, All India Radio etc.

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

The following are the details of major Consultancy services provided by various departments

- The Department of Botany has consultancy service in collaboration with Guruvayur Devaswom for the identification and health assessment of trees in vengad Gokulam, Malapuram district. As the both participants are institutions run by the Guruvayur Devaswom, no fee is charge for consultancy services.
- The Faculty members of Botany Department are actively involving in the protection forum of famous tree “Manjula” of Guruvayur temple. This tree is believed to be the one of the spiritual icons of Lord Krishna and the institution provides free consultancy services for protecting the tree.
- Dr. Udayan P.S., Assistant Professor, Department of Botany, worked as a Taxonomy consultant for Plant identification in Botanical Garden of Little Flower College, Guruvayur for preparing the name boards.
- The Department of Sanskrit provides weekly Bhagavad Githa classes to the Public.
- Department of Chemistry trained nearby Kudambasree Unit (Kandanassery Panchayaht) for soap preparations. Waste management classes and training for pipe compost were also provided to the members of this unit.
- Yoga classes offered by Women cell

The faculty members also renders their expertise in certain paid and unpaid activities like serving duties of doctoral committee member, modifying syllabus in various Universities and Autonomous colleges, preparing question papers etc.. The following are the some of the other

details of faculty members who rendered their service as doctoral committee member and Board of studies member.

Table 3.25 Details of faculty members who render expertise in several ways (2012-17)

SI no:	Department	Name of the Faculty member	Expertise rendered as
1	Botany	Dr. G. Jayakrishnan	<ul style="list-style-type: none"> ❖ Served as Chairman, PG Board of studies (Botany) ❖ Board of studies member, Christ College, Irinjalakuda (Botany) ❖ Served as member Faculty of science, University of Calicut (Botany) ❖ Member PG board of studies Kannur University (Botany) ❖ Served as Faculty of Science, Kannur University ❖ Served as Chairman, Board of Studies, St. Thomas' College, Thrissur ❖ Member, Academic Council, Farook College
2	Botany	Dr. Udayan P. S.	Visiting scientist in Malabar Botanical Garden, Doctoral Committee member
4	Botany	Smt. Niranjana M. R.	Board of studies member, University of Calicut (Biotechnology)
5	Sanskrit	Dr. Lakshmi Sankar	<ul style="list-style-type: none"> ❖ Board of studies member, University of Calicut (Sanskrit, PG) ❖ Academic council member (Amritha Viswavidyapeedham Deemed university)
6	Physics	Dr. Vishnu R.	❖ Board of studies member, University of Calicut (Nano Science and Technology)
7	Chemistry	Dr. Sreelekha M.	❖ Board of studies member, University of Calicut (Industrial Chemistry)
8	Zoology	Dr. Brinesh R.	Board of studies member, University of Calicut (Microbiology)
9	Economics	Dr. Ambili K.	Board of studies member, University of Calicut (Economics)
10	Commerce	Gopinathan P.	Board of studies member, University of Calicut (Management)
11	English	Geetha K.	Board of studies member, University of Calicut (Functional English)
12	Politics	Dr. Prasad M.V.	Board of studies member, University of Calicut (Politics)
13	Mathematics	D. Jayaprasad	<ul style="list-style-type: none"> ❖ Board of studies member St. Thomas' College, Thrissur (Mathematics) ❖ Board of studies member, M G University (Mathematics) ❖ Served as UG Board of studies chairman, University of Calicut (Mathematics)

(Table 3.25 Continued.....)

Sl no:	Department	Name of the Faculty member	Expertise rendered as
14	Physics	Dr. Lovely M.R.	Doctoral Committee Member, VIT, Vellore
15	Physical Education	Lt. Rajesh Madhavan	<ul style="list-style-type: none"> ❖ Board of studies member, University of Calicut (Physical Education) ❖ Cricket team Manager- University of Calicut (2015) ❖ Ball badminton Manager- University of Calicut (2013-14) ❖ Athletic team Manager- University of Calicut (2013-14) ❖ Selector for Shuttle, Ball badminton and cricket teams netball of University of Calicut in several years (13-14, 12-13, 14-15.15-16) ❖ Board member NCC B certificate exam ❖ Member of Accreditation committee in 35th National Games held in Kerala in 2015
16	Physical Education	Dr. Haridayal K.S.	<ul style="list-style-type: none"> ❖ Football team manager, University of Calicut (Interuniversity Championship), (2017) ❖ Selection committee member of First kick school of Soccer foundation for sports and education , Coimbatore ❖ Observer cluster VI CBSE football Championship organized by CSM central school edassery, Thrissur dt. From 5th oct 2012 to 9th October 2012 ❖ Manager of teams Of University of Calicut Power lifting, Weight lifting, and Best Physique (2014) ❖ Manager of teams of University of Calicut Power lifting, Weight lifting, and Best Physique (2016) ❖ Selector of Football team of University of Calicut (2017) ❖ Selector for Power lifting, weight lifting and Best Physique in University of Calicut (2017) ❖ Member of Accreditation committee in 35th National Games held in Kerala in 2015 ❖ Selector for police constable and Forest Beat officer in Kerala Government

(Table 3.25 Continued.....)

Sl no:	Department	Name of the Faculty member	Expertise rendered as
17	English	Dr. S. Sarathchandran	<ul style="list-style-type: none"> ❖ Served as Board of studies member, University of Calicut (English) ❖ Served as Board of studies member, St.Thomas' College, Thrissur (English)
18	Sanskrit	Dr. E. S. Devaky	<ul style="list-style-type: none"> ❖ Served as Board of studies member, Kannur University (Sanskrit)
19	Sanskrit	Dr. K. V. Vasudevan	<ul style="list-style-type: none"> ❖ Served as Board of studies member University of Calicut (Sanskrit) ❖ Served as Board of studies member MG University (Sanskrit)
20	Zoology	Smt. Jayasree V	<ul style="list-style-type: none"> ❖ Served as Board of studeis member, University of Calicut (Zoology)
21	Chemistry	Dr. Jayasankar M.	<ul style="list-style-type: none"> ❖ Member, Board of studies, M GUniversity (Pharmasutical chemistry)

The technical expertise of the faculty of Department of Physical Education is very much utilized for conducting various sports competitions at the State and District levels by many organizers. The ground facility of the institution is utilized daily by the local people for keeping physical fitness.

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?

During 2012-17, the institution provides major consultancy services for the benefit of local community. The college is situated in a rural area and hence most of consultancy services are provided free of cost. The income generate through question paper settings, allowances obtained by the faculty members who utilized their expertise in different programmes are mainly utilized by the faculty members.

3.6 Extension activities and institutional social responsibility (ISR)

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

The students and the faculty members of the institution have always played active role for promoting institution – neighbourhood –community network for overall development of society. The NSS and NCC activities of our college are always focusing on nurturing and instilling values social life. Apart from such activities, several department level extension activities also benefitted to the community by various ways. A few of the extension activities of the various departments are listed below.

Table 3.26 Social extension activities of various departments organized.

Sl no:	Department	Activities conducted
1	Botany	<ul style="list-style-type: none"> • Training for school teachers in collaboration with Educational Dept., District Panchayath & KSSP • Identification of medicinal plants in nearby villages • Planting of tree saplings • Awareness drive to promote eco-friendly green campus • Faculty members are actively involved in the protection of Manjula, near Guruvayur temple.
2	Physics	<ul style="list-style-type: none"> • The under graduate students provide free coaching classes to the members of Kasthurba Balika Sadanam run by the Mahila Samajam at Guruvayur –an organization gives shelter to destitute girl children belonging to scheduled casts.
3	Zoology	<ul style="list-style-type: none"> • Collaboration with various hospitals for donating bloods • Social awareness activities related to health issues like Dementia, Azhiemers etc.
4	Biochemisrty	<ul style="list-style-type: none"> • Awareness classes for jam and Squash preparation • Payasamela & food festival • Advice about food habits to local people
5	Economics	<ul style="list-style-type: none"> • Organizing special programmes for digital banking to Kudambasree members • Study materials to tribal students • Frequent visit to Old Age Home, Guruvayur
6	Commerce	<ul style="list-style-type: none"> • ED club activities to promote small scale industry • Training programme to Kudambasree Unit on “ Audting and Accounting”
7	Chemistry	<ul style="list-style-type: none"> • Hands on Training of Soap products to students and Kudumbasree Unit, Kandanassery Panchayath • Hands on Training of pipe composting to students and Kudumbasree Unit, Kandanassery Panchayath

Table 3.26 (Continued.....)

Sl no:	Department	Activities conducted
8	History	<ul style="list-style-type: none"> • Anganwadi ,Ariyannur- distribution of study aids ,toys, charts and colour pencils • Collaborating with Kudumbasree Kandanassery unit • Aruvi rehabilitation centre,Koonamoochi (distribution of stationary items to the inmates) • Providing books to Nirmal Bhavan, centre for mentally and physically handicapped children • Old Age Home ,Guruvayur Municipality (food sponsorship)
9	Functional English	<ul style="list-style-type: none"> • distributed dress, books and bags to the students of Attapadi under the aegis of Mathrubhumi club FM
10	Malayalam	<ul style="list-style-type: none"> • Interaction and active Participation with Library Council, Kanadanassery
11	English	<ul style="list-style-type: none"> • Study materials to tribal students
12	Sanskrit	<ul style="list-style-type: none"> • Health awareness programmes related to Ayurveda • Communicative Sanskrit classes for public
13	Physical Education	<ul style="list-style-type: none"> • Providing ground facility to public for physical fitness • Mother Wellness Programme • Elder's Wellness Programme • Child Healthcare Programme • Community Sports development Programme (Identification of Sports talented children and elders by conducting training and competitions)

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

Most of the social and cultural activities of students are planned and implemented by the institute under leadership of the duly elected student's union. The democratically elected Student's Union plans several activities and cultural programs with the help of faculty members. Such activities are excellent platforms for the development of leadership qualities of students. Student's involvement in various social movements / activities, which promote citizenship roles, are encouraged by the institution through activities like Compulsory Social Service, Department association programs, NSS, NCC and other club and activities. Various activities are monitored by dynamic faculty members. The College union activities are monitored by the Principal, who is the President of the College Union. Staff advisor guides the Union members to undertake socially relevant and value-oriented programmes. Fine arts advisor and Staff Editor to the college magazine guide the students in their cultural and literary programmes. Each club activities are monitored by a permanent faculty member. The NSS activities are organized under two units with the leadership of two faculty members. Various activities like college union arts festival, college day, College Union programs, NSS, NCC programs, club activities, seminars and quiz competitions are the major platforms for promoting citizenship roles of students.

- ❖ Activities of Biodiversity club focuses to keep an eco-friendly green campus with proper maintenance of Botanical Garden and conservation of rare species of plants. The students actively participate in all programmes organized by this club. The programmes are focused to develop an eco-friendly attitude.
- ❖ Readers club in association with English department arrange several programmes for students to promote reading habit among students.
- ❖ Anti-ragging cell is properly working in the campus under the leadership of one of our faculty members. The cell provides the necessary legal awareness classes to the students to curb the menace of ragging. During admission, an affidavit is submitted by the candidate and his parent affirming knowledge of the UGC Regulations about ragging. The college union also takes necessary measures to curb ragging by conducting programmes like "Ragging Free Campus".
- ❖ NCC and NSS plays major role in the development of citizen ship roles among students. These forums give enough platforms to promote group dynamics, togetherness, leadership etc. The social services designed and implemented under this platform like community extension activities, pain and palliative programmes, social surveys, vigilance awareness programmes and eco-friendly activities highlight the role of students in the society and always make students to be good citizens of tomorrow.

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

- The institution has a strong Parent Teachers' Association (PTA) and the PTA committee regularly involve in all activities of the institution. Class PTA meetings are conducted to update student's involvement in academic and extracurricular programs offered by the institution and to discuss with the parents on various issues and strategies to be adopted to improve the performance of their children. Annual general PTA meeting also helps to discuss on different pressing issues of the campus regarding the academic, social and moral conduct of the students. Strategy planning for improving curricular as well as co-curricular activities is done during such meetings with the stakeholders which could lead to the overall developments in the performance

and quality of the institution. PTA funds are usually planned and utilized in the college to upgrade academic and other co-curricular facilities of the institution.

- The institution has dynamic and active Alumni and Retired teachers' forum and the college seeks proper advice and suggestions from such forums also. Financial support from such forums is highly benefitted for smooth conduct of various programs in the institution.
- The self-assessment of teachers is one of the major features of the student feedback systems which help to improve the faculty members in their involvement in teaching and interaction with students and other stake holders of college. IQAC prepares questionnaires and the teachers are requested to collect the filled self-assessment form at the end of every academic year.
- Link is provided in the official website of the college to provide Employer and Alumni Feedback

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.

Institution has a College Council headed by the Principal and supported by the Head of departments and two elected faculty members. The College Council plan major programmes to be implemented and other department level programmes are planned by the Head of the department of concerned department by discussing with the faculty members. Moreover, all programs are monitored by IQAC. The funds for the execution of the same are met from various funding agencies like UGC, KSCSTE, College development fund, PTA, Faculty members, well-wishers and Alumni.

Major extension activities of our Institution are offered by NSS and NCC units.

▪ **NSS activities**

- The NSS units (190 & 191) of our Institution which was recognized as one of the best in University of Calicut function under the supervision of two programme officers. These units have always played tremendously active roles in moulding social awareness and service mindedness among the students. This unit has around 200 volunteers. The seven day NSS special annual camp truly highlights these activities.
- The units have on regular basis, conducted blood donation camps, organized pain and palliative care activities and campaigned actively against drugs and use of tobacco. The excellent involvement of NSS units in these activities promoted new students to join voluntarily in NSS without any doubt.
- NSS volunteers have been selected to attend the prestigious republic day parades in the previous years. In 2017, one of our volunteer has been selected for National youth festival in at Rohtak, Haryana. One of the volunteer also has participated in the National Integration Camp held at Chitkara University, Himachal Pradesh.
- The NSS unit started new initiatives to serve hungry and needy in 2015 "Operation AnnaPoorna". The students of this college are distributing more than 55 food packets to poor bystanders near Guruvayur.
- Organic farming" launched by NSS unit since 2015 by utilizing Vermi Composting and pipe composting methods, is intended for social awareness on eco-friendly cultivation.

- Free paper bag and covers were issued to Kunnankulam and Mattom Primary health Centre.
- Financial help to the Kerala Blind Association.
- “Vayanakavala” – An innovative approach to improve reading habit – installed a reading box at Ariyannur bus stop near our institution.
- Street Play was conducted to get social awareness about road safety- “Surakshidha Veedhikalil Saandhamanasskal”.
- Developed one day-one rupee programme for collaborating with pain and palliative care centre at Guruvayur during 2013-14
- Soap preparation in collaboration with kudil vyavasaya unit, Paravattani.
- Mathrusangamam programmes to the mothers’ of adolescent girls.
- Plastic free campus mission since 2012.
- Red ribbon club in collaboration with various hospitals and Zoology department for donating blood to needy patients
- Donating foods, dress and financial aids to old age home, Guruvayur Municipality regularly since 2012
- Various programmes were conducted in association with Thrissur Suchitwa Mission.
- Cleaning activities inside and outside the campus as a part of Swach Bharath Abhiyan
- Distributed LED bulbs and painted the Anganwadi, Ariyannur
- Trimaster Quiz competition programmes
- Interaction with transgenders

▪ **NCC activities**

The NCC unit of Sree Krishna College is playing a significant role in the history of our institution. It has celebrated its 50th year in 2016. The unit is contributing a very active role in the extension activities of the institution. The unit has a sanctioned strength of 108 (56 boys and 52 girls). Lt. Rajesh Madhavan is the Associated NCC Officer (ANO). Almost all cadets have participated in various training camps held at various centers. Some of the major programmes offered by NCC unit during 2012-17 are listed below:-

- Cadets are well trained people in Yoga and the observance of International Yoga day was celebrated with demonstration of “Asanas”
- Participation and involvement in Swach Bharath Abhiyan
- Giving excellent service to support devotees during Utsav, Ekadasi in Guruvayur temple
- Excellent service to promote awareness against drug abuse, tobacco
- Cycle rally was arranged to spread message of antiterrosim
- Excellent involvement in blood donation camps and maintaining a blood donorsforum
- Observe vigilance awareness day, World environment day, World AIDS day every year
- Cleaning programmes
- Environmental awareness programmes
- Lending helping hands by providing food to various poor homes and visiting special schools for differently abled children

- Giving opportunities for almost all cadets to participate in adventurous activities like mountaineering, paragliding, trekking, parasailing etc.
- Preparing the cadets to get job opportunities in various defence forces
- Republic day Parade
Cadet Aswin participated the republic day parade held at Delhi in 2015.

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?

- ❖ During admission, students can voluntarily join NCC or NSS as per their interest.
- ❖ The NSS and NCC activities are always planned and implemented without disturbing regular academic activities of our college.
- ❖ The students who perform excellently in NSS and NCC are provided weightages (weightage of 10 marks were added to the index mark for NSS and 3.5 and 10 marks were added for NCC A, B, and C certificates) during post graduate admission as per the University rules.
- ❖ Grace marks are provided by the University to the NCC students according to the importance of their camp participation.
- ❖ The excellent performances of student volunteers are honored by staff club and PTA in every academic year by giving cash awards and trophies.

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?

Most of the NSS and NCC activities of our institution focus the development of vulnerable sections of society. The pain and palliative care activities, activities to uplift facilities in nearby villages and schools are some of the examples. Various department level outreach programmes are also focussed on such measures.

- ❖ Free coaching classes provided by Physics Department students at Kasturba Balika Sadan to the destitute girl children belonging to scheduled casts, highly benefitted the academic performances of both the children and our students..
- ❖ NSS unit provided study aids to 300 students in BUDS school, Kasargode.
- ❖ NSS unit distributed LED bulbs and painted the nearest Anganwadi, Ariyannur.

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.

- Social commitment – The various programmes offered by institution, NSS and NCC always promote students to work for the country and for his society. The programmes like Operation Annapoorna provide social commitment and instil the values of community life among students.
- Excellent leadership quality among students – The College provides ample space to organize various programmes under the banner of elected college union, NSS, NCC, various clubs. The faculty members monitor these activities and provide necessary suggestions. These programmes uplift the leadership qualities, team spirit etc.

- Environmental responsibility of citizen – The College and the Biodiversity club always conduct several awareness classes and programmes. Organic farming is one of the recent initiatives of students. The NSS, NCC and PTA always promote such activities related to – Clean campus, Green Campus drive.
- Compassion for under privileged – The pain and palliative care programmes are always promoted by the institution which instils the values like brotherhood, compassion and attitude of service. Students are educated by various programmes like serving food and education to poverty –sticken and disabled, which is the noblest service in human life.

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?

The college gets support from the various sections of local community in the reach out programmes of institution. The local leaderships of Kandanasery Panchayath and Guruvayur Municipality offer excellent support for our reach out programmes. The local community has excellent collaborations with

- NSS
- NCC
- Bio – Diversity club
- Anti- Ragging cell

Some of the endeavours are as follows.

- ❖ An awareness programme, Jeevannidhi (Mobile app for blood donors) was given to public and students by our NSS unit and visited 100 houses in Kandanssery Panchayath and developed a detailed blood donors data
- ❖ Health survey was conducted in the 5th ward of Choondal Panchayath and Guruvayur Municipality by NSS unit
- ❖ Local police provides awareness class to students about ragging.

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.

- Guruvayur Municipality – Health surveys, Operation Annapoorna , plastic waste mamagment
- Kandanasery Panchayath – Jeevandayini project
- Syndicate bank, Ariyannur – Financial activities of whole institution are provided by this bank. Moreover, institution provides room facility for the working of bank.
- Old age home, Guruvayur – Students visit old age home and provide financial assistance.
- Kasthurba Balika sadan, Guruvayur – freetution to girl childs from scheduled casts by students of Physics Department.
- Thrissur Suchitwa mission – Various cleaning programmes offered by institution via NCC, NSS etc.
- Karuna Charitable trust, Guruvaur – Assitance to differently abled by NSS
- Prakruthi Samrakhana Sangam, Thrissur – Paper pen making by NSS

- Kerala Blind Association Thrissur – Eye donation willingness form submission, awareness rally, financial aid etc. by NSS
- Red ribbon club – AIDS awareness
- Indian Medical Association (IMA), Thrissur branch – Blood donation by NSS
- Govt. Medical College, Thrissur- Blood donation
- Govt. Hospital, Kunnankulam – Paper bag, X – ray cover distribution
- Primary Health Centre, Mattom – Medicine cover distribution
- Fire and Rescue department, Guruvayur – Disaster Management by NSS
- Accident Care and Transport Service (ACTS), Kechery –street play on road safety measures
- Kerala Forest Department, Thrissur – Tree planting by NSS
- Athazhakootom, Guruvayur – Operation Annapoorna
- Pain and Palliative care Unit – assistance to life style diseases affected persons by NSS
- Vigilance and Anti corruption Bureau – Workshop on anticorruption awareness by NSS, several programmes related to NCC
- Mrihasanjeevani (A Kerala Govt. organization for organ donation) – Organ donation awareness, willingness form submission library, Kandanassery – Library arrangement and cleaning
- Nirmal Bhavan – distributed
- Aruvi rehabilitation centre, Koonammoochi – cultural programmes to mentally handicapped persons by NSS
- Kerala Transgender forum –interaction with transgenders by NSS
- KSEB, Ariyannur – Energy conservation awareness
- Mathrubhumi club FM Thrissur – study materials to BUDS school, Kasargode
- Helping Hand association – Awareness on cleaning by NSS
- Public
- Kudil Vyavasaya Unit, Paravattani- soap preparation by NSS
- Various students and teachers of nearby schools –Nearby school teachers consult with the faculty members of our institution for scientific interactions.

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.

- ❖ The NSS unit of our College the 4th position in University of Calicut in 2014.

3.7 Collaborations

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

Various departments have linkages with the research institutions, Universities and laboratories by various methods. Two faculty members collaborated with eminent institutes (Oregon State University & State University of New Jersey) in US under Indo – US Raman Fellowship schemes. Moreover, faculty members have excellent linkages with various scientists in the pioneer institutions in India. Around ten papers were published by the faculty in peer reviewed journals with the help of such linkages (Table 3.24). At least two or three post graduate

students in Physics are doing their M.Sc. projects in these institutions every year. Some of these students are pursuing their Ph.D in these institutions.

- Department of Botany has excellent research linkages with Malabar Botanical Garden for identification of new medicinal plants. The department have linkages with RGCB Trivandrum for identifying new species which are effective against colon cancer and cervical cell lines. Moreover, department interact with Kerala Forest research institute, Amala Cancer Research Institute and other pioneer research institutions who are working in the field of taxonomy and medicinal Plants.
 - The Department of Physics have linkages with various scientific institutions and scientists who are expertise in the field of thin and thick films, solar cells, photonics, astrophysics and atmospheric Physics. The faculty members have linkages with CUSAT, Indian Institute of Astrophysics, CSIR – NIIST, CESS and C-MET Thrissur etc. These collaborations resulted into new publications in peer reviewed journals. Moreover, post graduate students collaborate with these institutions for doing their M.Sc. project and internship programmes. Several students got admission for Project work and Ph.D in these institutions.
 - The Department of Sanskrit have research and academic linkages with various institutions like Amritha Viswavidyapeedham, Kerala Kalamandalam Deemed University, Kerala. Moreover, the faculty members of the department interact with eminent scholars who are experts in various art forms of Kerala such as Kathakalai, Koodiyattam, Koothu, Krishnanattam etc. Recently, the department conducted a workshop on “appreciation of Koodiyattom” funded by International Centre for Kootiyattom- a Centre for Kootiyattom performance, study and Research Centre, Tripunithura Kerala. The textual workshops offered by the department in collaborations with such institutes made potential changes in academic culture among students working in this field.
 - Language Departments like English, Functional English and Malayalam have linkages with several organizations of English and Malayalam literature, media like Newspapers, TV channels etc. The department of functional English interacts with Chetana Media centre Thrissur. The faculty members of Malayalam actively involved in several activities of Kerala Sahithya Academy Thrissur.
 - The department of Commerce have industrial linkages with Govt. industrial center, Thrissur ad K. P. Namboothi’s Ltd. Thrissur.
 - The Department of Economics have linkages with Kothambully Hand Loom Industry, Pappadam industry in Guruvayur, Note book industry in Kunnamkulam
- **Media Linkages**
- The faculty members of Physics and Botany department delivered talks on the current issues of science via All India Radio, Thrissur
 - Dr. Lakshmi Sankar, Assistant Professor, Department of Sanskrit is a well-known presenter and speaker in various TV channels like Doordharshan, Amritha TV, Janam TV etc.
 - The activities of the institutions are regularly updated in various Malayalam newspapers and local TV channels.
 - The students Functional English Department produced a short film named “Black Board” with the guidance of faculty members.

- The department of functional English participated in the international short film festival VIBGYOR and rendered their valuable service in the media desk and also film screening unit. The students of this department do their project work on media. Students also published newspaper as a part of their Media studies (“Thattagam” and “The Glob”). The department maintains a blog named “Magic casement” for sharing ideas of students (The blog is associated with email address skcenglish@gmail.com).

- **Library linkages**

Various journals are subscribed by the departments. The e-journals are obtained from National Digital Library and INFLIBNET. The institution has excellent linkages with the following libraries. The faculty members and students have memberships in the following libraries.

- University library, Calicut
- CDS Trivndrum
- Thrissur Public library
- Kerala University library
- Libraries of nearby colleges
- Kerala Sahithya Academy Library

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

- The department of Botany has an academic MOU with SN college, Chempazhanthy for academic and research interaction among students and faculty members of both institution. This MOU is meant to provide exposure to under graduate and post graduate students by jointly participating in research, organizing seminars etc. The collaboration between these institutions along with RGCB Trivandrum is undergoing in an excellent manner which resulted into the development of new medicinal plant for cancer treatment. The taxonomical part of new medicinal plant was done by Dr. Udayan P.S., Assistant Professor, Department of Botany. The remaining molecular profile investigations and Pharmentology were done by SN College, Chempazhanthy and RGCB Trivandrum.
- The Department of Physics had an MOU with Kerala Agricultural University for carrying out short term training project work of post graduate students. The project works were mainly related to electronic devices. The students were highly benefitted with such training for the development of electronic devices.

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.

- Women’s hostel was constructed under the financial assistance of UGC

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.

The names of eminent scientists/participants, who contributed to the events, and the details of national and international conferences organized by the college during the last four years are furnished in 3.1.6.

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

The details of MOU signed by the departments are already listed in 3.7.2. The faculty members have excellent collaboration with various institutions and industries and the institution is trying to change such into new agreements or MOUs in the near future.

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 institution is planning to upgrade its research facilities in diverse areas like science, arts, language, social science and cultural art forms of Kerala. The institute is trying to utilize the external linkages of faculty members with various firms and scientists. The faculties take part in extension activities like invited talks, paper presentations and community services. The IQAC took a future strategic plan “One project – one teacher” for the research activities which is to be fulfilled by the end of 2019.

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 facilitates effective teaching and learning?

Sree Krishna College is a temple of learning managed by the Guruvayur Devaswom, initiated with a foresight of raising a generation of students with utmost commitment to the society and to the nation at large. The primary vision is to enlighten the budding generation of today's world and nurture them as responsible citizens of tomorrow. To attain this goal, our institute has constantly worked to co-evolve its infrastructure in accordance with the dynamic fields of teaching and learning. The institution aims at a development which is in harmony with the nature and also the surrounding community. The administrative office, thirteen departments (including two Research Departments), Auditorium, Seminar Hall, Library, Men's and Women's Hostel, Gymnasium, Canteen, and Bank are accommodated in the 31 Acre campus. The buildings are planned student friendly, with provision for the differently abled students. Different blocks are connected by means of well maintained roads, with restricted vehicle use.

The academic interests of the institution are fulfilled by 13 UG courses, 5 PG courses and 2 research departments. The infrastructure is modified according to the changing needs of the individual departments, but the serenity and the greenery of the campus is conserved. Moreover, the college lies in an archaeologically significant area, which poses serious legal hindrances towards the infrastructural modifications to be made. The policy of infrastructure management is:

- Proper utilization of available space in the campus.
- Annual evaluation of the student facilities and repair works if necessary
- Timely maintenance work of the buildings, furniture, electrical installations, rest rooms *etc.*
- Well managed eco-friendly waste disposal system.
- 24-hour camera surveillance throughout the campus.

4.1.2 Detail the facilities available for,

a) Curricular and co-curricular activities:

- **Class rooms:** Classrooms are all well aerated and spacious, facilitating effective lecturing and learning. Each classroom is provided with conventional teaching aids and also ample facilities for other innovative sessions.
- **Smart class rooms:** Two smart class rooms are arranged in the main block, one associated with the computer lab and the other with the Physics department. These rooms are provided with ample seating arrangement, Computer, LCD projector and interactive board facilities.

- **Staff Rooms:** The Department staff rooms are large enough and well-furnished so as to provide a good academic environment for continuous learning. Reference library is also provided in each department for ready reference and updating knowledge. Each staff room is provided with computers, printers and internet facility. This facilitates the teachers to access the e-resources and to assimilate the latest trends in their subjects. There are cabinets, cupboards and other amenities, attached wash rooms, safe drinking water facility and a proper dining space. The staff rooms and the administrative sections along with the Principal's Office are connected through intercom facility.
- **Laboratories:** The Science laboratories are constructed with sufficient facilities, for application of knowledge acquired in the classrooms and to suit the needs of the post graduate and undergraduate courses. The science laboratories are well equipped to perform scientific experiments and measurements. There are five UG laboratories for Physics, Chemistry, Botany, Zoology and Biochemistry. Post graduate laboratory in the Botany department is separated into individually arranged laboratories like Tissue culture, Mycology, Taxonomy illustration area, Micro technique lab etc. The department of physics has a post graduate laboratory with adequate facilities.
- **Research laboratories:** The College has two research departments, Botany and Physics. Each department is provided with separate rooms and facilities for accommodating the research students.

Table 4.1 Details of Laboratories in the College:

Laboratories	Department	Infra-structure facility	
		Physical spaces	Equipments
UG	Chemistry	Spacious laboratory with sufficient number of exhaust arrangements. The lab has regular gas supply, water supply and individual cupboards for students to store reagents. A balance room, separate store rooms for chemicals, glass wares and acid room are also provided.	Three electronic weighing balances, Distillation unit, two multipurpose centrifuges, Electric Bunsen 15, Vacuum Pump, Magnetic stirrer, Heating Mantle, Refrigerator, hot air oven, Fire extinguisher and generator.
	Physics	Laboratory with proper storage spaces	Standard graduate level laboratory equipments, Computers, Cathode Ray Oscilloscopes, Dual power supplies, Function generators, IC Trainer kits etc.
	Botany	Laboratory with equipment storage area	Compound microscopes-20 Dissection microscopes-20 Table top centrifuge-1 Pen pH meter-2 Physiology apparatuses Charts and diagrams

	Zoology	Laboratory with equipment storage area.	Stereo microscope (binocular and monocular), weighing balance, Haemocytometer, Haemoglobinometer, Sphygmomanometer, Electrophoresis unit(AGE, PAGE) Colorimeter, Kymograph, Centrifuge etc.
	Biochemistry	Laboratory with proper exhaust facility, regular gas and water supply, storage space and individual cupboards for students.	Digital Colorimeter-4, Bunsen burner -3 Centrifuge- 1 Microscope-5 Generator-1 Soxlet-2 Fire extinguisher-1 Vortex- 1 pH Meter-1 Magnetic stirrer-1
PG	Physics	Spacious Laboratory	Hall effect apparatus, Thomson's e/m, GM Counter, Hydrogen spectra apparatus, Millikons oil drop apparatus, Ultrasonic interferometer, Malu's and Brewster's Law apparatus, Four Probe apparatus, CROs, Function generators, ESR apparatus etc.
	Botany	Spacious Laboratory	Labomed monocular microscopes – 10 Table top Centrifuge-1 Rotary microtome-1 Dissection microscopes-10 Herbarium press Microslide projector colorimeter, pH meter, Waterbath, Digital weighing balance, Wooden incubation chamber Cooling incubator Hot air oven Ultracentrifuge
Research labs	Physics	Material Science & Atmospheric Physics Spacious Laboratories	High temperature muffle furnace, Computers for climate modeling studies
	Botany	Two labs : Molecular biology and Tissue culture Laboratories, Storage area, Inoculation area, Air conditioned spacious culture room etc.	Deep freezer Two vertical autoclave, pressure cooker and an LPG connection Laminar airflow chamber with HEPA filter.

		<ul style="list-style-type: none"> • A Taxonomy work area with a stereozoom microscope, Hand lens, Drawing glass and required accessories • Herbarium preparation area with well labeled steel almirahs for the storage of herbarium sheets. • Mycology lab 	<ol style="list-style-type: none"> 1) Metal racks with glass floors. A rotary shaker 2) PCR thermal cycler, 3) UV gel doc unit, 4) Horizontal electrophoresis unit, 5) Stainless steel Double Distillation unit, 6) Culture hood
Multimedia lab	General	One Computer Laboratory	Multimedia devices , audio visual systems, computers, head set etc.

- **Seminar hall:** The College has an air conditioned seminar hall with a capacity of 300 chairs and proper acoustics. This hall is also used for the activities like Mentoring sessions, Teacher training sessions and other academic/non academic meetings. The hall is provided with enough facilities like projector system, crowd addressing system, lapel and code-less micro phones etc.
- **Tutorial spaces:** Every batch of students is given a tutor, to address their issues and to ensure a strong link between the students and teacher community. Personal sessions are carried out in the respective classrooms assigned for respective batches. If any student requires more attention as counseling or psychological attention, they are directed to the college counseling centre.
- **ICT:** All the departments are provided with computers, printers, and internet facilities. Departments, Library and Administrative office are interconnected through Local Area Network. The college also provides reprographic facilities, LCD projectors, digital camera, smart board, interactive board, visualiser etc.
- **Botanical Garden:** About 50 cents of land in the campus is converted and conserved as a Botanical garden. A 'shanthisthal' is maintained under the financial assistance of the Kerala State Biodiversity Board, which is a conservatorium of selected angiosperm plants. Rare gymnosperms like, *Cycas circinnalis*, *Cycas revoluta*, *Araucaria cookie*, *Gnetum ula*, *Podocarpus sp.* and *Ceratozamia sp.* are also conserved. A portion of the garden is used for agricultural practices under student's initiative.
- **Museum:** Department of Zoology maintains an excellent museum which holds more than 1000 specimens including rare items like bones of whales, elephant etc. In addition to these specimens of rare mammals, reptiles, fishes, corals, parasites and pests are being the part of collections in the museum. There are also a vast collection of model charts and permanent slides.

- **Botanical Museum:** Botanical Museum has a well maintained collection of various groups of plants depending on the syllabi. Each specimen is well preserved and labeled in glass specimen bottles and arranged in order. It also beholds a rich collection of dried cones, lichens and woody mushrooms collected during periodic field visits.
- **Herbarium:** The infrastructural requirements for a standard herbarium are furnished in the department of Botany and the processing of the specimens is under process.

b) Extracurricular Activities:

- **Sports:** The Physical education department has made giant strides in the field of sports, not only in the University but also in the realm of Indian Athletics by making our wards strive for making the tricolor fly high in international meets, including Olympics. Working in consonance with the spirit of UGC and the larger wishes of the community around, the Physical Education department has indeed succeeded in perpetuating a sports culture among the people of the locality for whom the available infrastructure and expertise are always made effectively available. Women Fitness Programme and Senior Citizen Fitness Programme are designed for achieving this objective.

The department has become the cynosure of the temple town of Guruvayoor and Kandanassery Grama Panchayath by giving the campus facility for morning and evening fitness of the people of the locality. Expertise of the teachers and Sports Hostel students and facilities are also shared to organize sports meets by local bodies. The income thus generated is pumped back for the promotion of sports and the welfare of the sports students.

Keeping in mind the need for rigorous practice, the college has been running the Sports Hostel for quite a long time and the involvement of the students is assured with scientific training methods, under talented coaches. For an institution aiming such heights in the field of national and international games, the College is striving to provide infrastructural facilities at par with the excellent results gained so far, and it is always open for further timely modifications.

- **Outdoor Games:** We have facilities for Athletics, Cricket, Football, Volleyball, Tennis, Ball badminton, Throw ball, Hockey, Softball, Kabaddi, Kho-kho in our college.

Table 4.2 Details of outdoor games

Sl. No.	Event	Measurement of track and court
1	Athletics	
	A. Running	400 m track
	B. Long Jump	9 m long X 3 m wide pit with synthetic runway of 60 m
	C. High Jump and Pole vault	Jumping bed with stand.
	D. Shot Put, Discus throw, Javelin throw and Hammer throw	Separate arena provided for each item
2	Football	120 yard long X 80 Yard wide court
3	Hockey	200 Ft long X 5 Ft wide court
4	Tennis	120 Ft long X 60 Ft wide court
5	Ball badminton	24 m long X 12 M wide court
6	Throw ball	18 m long X 9 M wide
7	Volley ball	18 m long X 9 M wide
8	Kabaddi	10 m long X 13 M wide
9	Kho-Kho	30 m long X 19 M wide

- **Indoor Games:** Facilities are provided for Shuttle badminton, Table tennis, Chess, Carom, etc

Table 4.3 Details of indoor games

Sl. No.	Event	Measurement of track and court
1	Shuttle badminton	13.4 m long X 6.1 m wide
2	Table Tennis	2 Boards
3	Chess	10 Chess board with men
4	Carom	3 Carom board with coins

- **Fitness Centre:** The College has well equipped multi gym with other amenities like toilet, dressing room, etc. The College has facilities like floor rubber mats for weight training and practicing martial arts like Judo and Taekwondo.
- **Details of equipments in gymnasium:**
 - Abductor machine, Leg extension, Hyper extension, Squat stand, Bench press for power lifting, Hip flexor, Standing leg curl, Seated rowing machine (2 Nos), Tread mill, Stepper, 300 kg free weight plates, Olympic Bar, Dump Bells, Weight bar, Terra Band, Swiss Ball, Agility Ladder, Medicine ball in different weight categories,

Weight training belts, Weight Cuff, Skipping ropes, Iron Boot, Plyometric training boxes with different heights, Chin up bar, Spring Board.

- **Health and hygiene:** A fitness centre is working in the college under the supervision of the Department of Physical Education. Classes are being conducted for our students on topics like AIDS, personal hygiene and first aids. Special training sessions are there for Zumba dance and Aerobics. Training sessions are also being conducted on martial arts like Kalaripayattu, Taekwondo, Karate, etc. for our students to equip them to face the challenges in modern life. To improve the mental health of our students who participate in various sports competitions, we arrange counseling classes by eminent sports psychologists to relieve the stress, strain and competition fear.
- **Yoga Centre:** A separate hall is provided for conducting yoga classes for students and staff members. NCC cadets and sports students participate in World Yoga Day demonstrations every year.
- **NCC:** The NCC unit of the college is No. 5 Coy. 23 (K) Bn. which has strength of 108 cadets; 56 boys and 52 girls. The unit is allotted two rooms in the campus for its official proceedings with enough tables, chairs, almirahs and racks. There is a stock room for storing the uniforms and other apparels.
- **NSS:** A separate office room is allotted for the smooth functioning of the two NSS units in the college. The programme officers are given separate chairs and tables, almirahs and racks for efficient file keeping. Attached to the office room is a store room.
- **Sharing of Physical infrastructure:**
 - The auditorium in the college is used as Collection and Counting centre for Public election
 - The seminar hall is utilized for arranging training sessions for Presiding officers prior to elections
 - The college ground is used for Zonal and University sports meet and games, training University teams, for the morning and evening physical exercise of the local people and for external sports meets by the Local Bodies, Schools etc.
 - College infrastructure is also efficiently used to carry out university zonal arts fests and Inter University Festivals of the University.
 - The helipad in the college ground is used by many dignitaries, mainly to visit Guruvayur temple.

- The college classrooms are also used for Kerala PSC and UGC NET coaching and examinations.

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

- The available infrastructure facilities are put to use optimally through appropriate scheduling of usage timing. For instance, Seminar Hall, Computer Lab facility etc. are used by the students of various disciplines.
- Seminar hall is utilized for multiple activities such as national seminars, staff meetings etc.
- The academic time table for the entire college is set in such a way that there is maximum utilization of the available class rooms.
- Jubilee auditorium also functions as the venue for indoor sports and other events.
- The infrastructure is also shared by other government / quasi government concerns to organize various activities.
- Class rooms are utilized for conducting coaching classes for UGC-NET and other examinations on Sundays.

Figure 4.1 Layout of the Campus



▪ **Additional facilities created during the last four years:**

- 1) A well furnished Women's Hostel was constructed (with the UGC assistance of Rs. 1 Crore and a matching assistance of Rs.1.04 Crore from the Management (Total Expenditure Rs. 2,04,04,127 and furniture worth Rs.6,91,081)
- 2) Canteen block was refurnished spending Rs 15 Lakhs from the management
- 3) A well equipped multi gym was established costing, Rs. 10 Lakhs
- 4) Seminar Hall was renovated with air conditioning facility spending Rs.16 Lakhs
- 5) Provided separate drinking water facility in main block and west block
- 6) Boys Hostel was renovated spending Rs. 45 Lakhs

▪ **Future Prospects:**

The college management has planned an intensive development drive – '**Vision 2020**' with a budget amount of about 70 crores. The management has constituted an advisory team for effective planning and organization of activities under this mission. The team is assisted by a visionary academician (Prof. K. Raveendranath, Former Pro-Vice Chancellor of the University of Calicut and a renowned technocrat, Er. T. V. Balan Nambiar, Superintending Engineer (Retd.), Municipal Corporation and Chartered Engineer). As per the blue print, following are the major future prospects;

- Multi storied Library cum Seminar complex
- Research complex
- Synthetic athletic track
- Open air Theater
- Basket ball court
- Indoor stadium
- Augmentation of computer lab
- Augmentation of Fitness centre

- Augmentation of academic blocks

4.1.4 How does the institution ensure that the infrastructure facilities meet the requirements of physically disabled students?

- Classes are rearranged in the ground floor, if necessary, considering the ease of movement of physically disabled students.
- The verandahs are provided with enough ramp facilities with side rails.
- Special arrangement is made by the exam section for special seating arrangement for such students.

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

- **Hostel Facility:** Majority of the students in the College are from backward and marginalized sections of the Society. College offers accommodation for male and female students, so as to get a better learning environment, particularly for these students. The Hostel Facility also enables these students to avail the free Boarding and Lodging grant of the Government.
 - Mens Hostel accommodates sports students (selected for Athletics by the Kerala State Sports Council) and Lakshadweep students. The Hostel has 24 rooms, with a capacity to accommodate 3 persons in each room and provided with the following facilities:
 - Recreational room with TV
 - Reading room
 - Mess hall, kitchen, serving area, and store room
 - Separate washing area

The two hostel buildings are situated within the campus and provided with separate Security Guards appointed by the Management.

- Rooms are provided with ceiling fan, tube lights, plug points, individual tables with chairs and separate cupboards for the inmates.
- Vegetarian and non-vegetarian food is served in the hostel. There is a mess manager, two cooks and two helpers to run the hostel.
- There is a water cooler with purifier for the drinking water purpose.

- The water tanks and toilets are cleaned and maintained regularly.

The college also provides a separate well furnished hostel facility for girl students. The girl's hostel has facility to accommodate 40 students. Each room is spacious to accommodate with separate bunk beds, study tables and electrical facilities and with common toilet facilities. Hostel reading room is provided with news papers in regional language and English. There is a Deputy Warden, Tutor, and two Watch men during day and night to take care of the inmates.

- **Recreational facilities for the staff:** In order to have a sound mind in a sound body we are conducting training for the staff members separately in the fitness centre, without disturbing the Athletes' schedule. Facilities are also provided to conduct separate classes in *Yoga* for the male and female staff members, three days in a week. We are also running a *walking club* in the college to provide opportunity for those who cannot participate in Gym sessions and Yoga classes. Physical Education Department is also conducting competitions among the staff members in events like Football, Shuttle badminton, Carom, Chess to impart a sportive spirit and promote health among them.
- **Facilities for medical emergencies:** The management provides medical assistance for staff and students at the Guruvayur Devaswom hospital.
- **Constant supply of safe drinking water:** There are two well maintained wells and water supply system for constant supply of water. Separate water purifiers in the different blocks and hostel ensure availability of safe drinking water.
- **Security Guards:** Security Guards are appointed by the Guruvayur Devaswom for the safety of College, Hostel property and inmates.

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

- We are giving classes for the students and staff members on various health related topics like first aid, emergency medical care, diseases, mental health, nutrition, aging, etc to cope up with the daily life.
- There is a Blood Donation Club in the college which promotes blood donation to the needy. The Club is functioning with the help of members of NCC and NSS.
- Management is providing free medical treatment to our students and staff, whenever necessary, in their hospital at Guruvayur.
- Insurance coverage is provided by the Management for the students and staff for accidents within the campus premises.

- Physical education department is equipped with Digital Blood Pressure Monitor, Stethoscope, Weighing machine, and Steadiometer.
- Our Sports students are provided with free treatment at the *Oushadhi* hospital, Thrissur.
- The College also plans to introduce a Health Card System to the students. The Health card, issued to the student at the time of admission will have provision for recording all the health parameters of the student, during the course. The Card will be maintained in the teaching department of the student under the custody of the mentor and handed over along with the Transfer Certificate. Regular checks will be made for monitoring the health conditions of the student and the details will be recorded in the card. Frequent detection camps will be conducted for identification of diseases. The details will be recorded in the Card and proper information and guidance will be given to the Parent for further treatment. This card will also contain information on the willingness of the student to donate his organs.

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

- **IQAC:** Internal quality Assurance Cell functions in an exclusively dedicated room in the Main block. The room is fully furnished with necessary facilities.
- **Grievance Redressal Cell:** Grievance Redressal Cell has been constituted to look into the grievances of students and take necessary actions to resolve them.
- **Women Development Cell:** Women’s cell is constituted to address the problems and challenges of girl students and women staff.
- **Career Guidance Cell:** A career guidance cell has been functioning in the college to provide information to students regarding the various avenues of higher education. The students are also regularly informed about the latest employment opportunities.
- **Canteen:** Canteen facility has been provided in the campus with food at subsidized rate to students.
- **Helipad:** The college ground also functions as a helipad and is used by the dignitaries like the Honorable President of India, Prime Minister, Cabinet Ministers, dignitaries from other Nations, renowned industrialists and politicians, who visit the Guruvayur Temple.

- **Auditorium:** An auditorium with a seating capacity of 1000 persons is the main venue of all cultural activities of the students, exhibitions and other fests by various departments. This space is also used during the Public elections as Collection/Counting Centre and to organize pre- election classes by the Election Commission. The auditorium possesses a stage of standard dimensions, two green rooms, basic sound and light systems and seating arrangements.
- **Open auditorium:** An open space is allotted for conducting the cultural programs, Alumni meet and game shows by the students in the campus. The stage and the public addressing system for this space are arranged at the time of the event.
- **Bank:** A Nationalised bank (Syndicate Bank) has its branch along with ATM facility in the campus.
- **Auditorium:** The Jubilee auditorium is the main venue of all main cultural activities of the students, exhibitions and other fests by various departments.
- **Incinerator:** Incinerator is deployed in the Girl's Room for proper waste disposal management.

4.2 Library as a Learning Resource:

- The College has a central library which is augmented by departmental libraries. Teachers guide the students in promoting their reading habits. Individual and group assignments are given to students and they are given a list of reference books and site address to complete the assignments. Students are directed to use the library during free hours apart from the usual hours ear marked for the purpose.
- The Theatre Club uses library as a learning resource. Popular and famous plays are selected by the students from the library. The members of the theatre club make sincere attempts in portraying famous characters on stage.

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

The library of the institute beholds a great collection of classic literary works, historical accounts and authentic as well as updated scientific collections. The reader's corner has magazines, journals and newspapers. The maintenance and up keeping of such a library is ably and effectively assisted by an enthusiastic team constituting the Library Advisory Committee. The committee's decisions go a long way in maintaining the ambience of the library and upholding its spirit. The committee includes the Librarian and selected faculty members from different stream of studies in the institution.

a. Members of the library advisory committee

1. Smt. Geetha K. (Convener)
2. Dr. G. Jayakrishnan
3. Dr. P. Gopinathan
4. Lt. Rajesh Madhavan
5. Smt. Sreelatha E.
6. Sri. P. Shyamal Kumar (Librarian)
7. Dr. Rajesh K. R.
8. Smt. Niranjana M. R.
9. Smt. Suchitra V.
10. Dr. Vishnu R. (College Admin.-N-LIST INFLIBNET & Nodal Officer-National Digital Library)

b. Significant initiatives taken by the committee

Maintenance of a quality library facility can be attained only by the unwaning and dedicated work of the committee. The significant steps taken include the following;

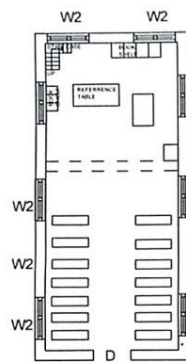
- The Committee provides the inputs to be published in the notice board, details of recent books and authors, details on topical controversies in the media or those winning supreme accolades, to be published on the Readers Corner.
- The committee has launched some novel initiatives to encourage the literary sensibilities of the students as well as to instill the love for reading among them. These initiatives aim at bringing about structural changes in the outlook of our students by creating an awareness of the significant socio-political issues of today.
- ‘Book Worm’ a Reader’s Corner has been launched to show-case must-reads –books of high literary merit and books which have won supreme accolades and books which are in the news due to their controversial literary content are made familiar to the students by publishing inputs in the notice board. Discussions and debates are invited from the students.
- A poetry recital platform ‘Aalaap’ is initiated where students as well as members of faculty and staff readout poems-original creations or otherwise. This venture intense to familiarize the students with the works of well known litterateurs and to encourage the creativity of the students.
- The library in keeping with the changing times has an online forum ‘Talkative’ exclusively for discussing and debating books, literary trends and contemporary issues. This is visualized to record the essentially pluralistic tenor of our campus.
- Monitoring Annual stock verification and routine upkeep.

- Directing the weeding out of obsolete and damaged books from the running collection
- College is registered under the National Digital Library (NDL) which is a new initiative of Ministry of Human Resource Department, Govt. of India. The Committee prompts the faculty, all of whom are registered at NDL, to act as conduits for passing on valuable information to students.
- The Committee has initiated, monitored and completed effectively, the automation of the library.
- Online Public Access Catalogue (OPAC) is made available in the library to verify the availability of books.
- Guidance and Administration of N-LIST INFLIBNET facility so as to ensure easy availability of journals, books and other e-resources to the students.
- The Library Committee analyses the feedback from the students and valid suggestions are brought to the notice of the Principal for actions to improve the quality of the Library functioning.

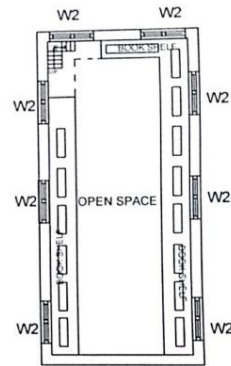
4.2.2 Infrastructural Details:

- Total area of the central library: 3500 sq mt.
- Total seating capacity: Library reading corner can at a time accommodate 60 readers. The reference section has a limited capacity.
- Working hours: The library functions from 9 am to 4 30 pm on all working days including Saturdays

LIBRARY LAYOUT



GROUND FLOOR



FIRST FLOOR

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.

The College uses the annual grant for library from the State Government and the grant under the General Development Assistance of UGC for purchasing latest books and journals in each subject, required by the students. The grant is allocated to each department on the basis of the number of students and the final allocation is approved by the Staff Council. Open Tenders are invited for different language and subject books. The tender shall contain the rate of discount offered by the firm. The Purchase Committee finalizes the tender procedure after selecting the bidder who had offered the maximum discount and who fulfills the other conditions fixed for purchase and delivery of books. The Head and staff of the department are directed to visit the book shop and select the latest books and journals of their requirements. Supply orders are sent from the office and the Librarian is directed to check the conformity of the titles with that selected by the Department. Librarian is entrusted with the task of recording the books in the register and proper deployment of the book in the library. The Alumni of the College also provides an amount every year for the purchase of journals required by each department.

Table 4.3 Details of library holdings

Library holdings	Year I		Year II		Year III		Year IV		Year V	
	Number	Total cost Rs.	Number	Total cost	Number	Total cost	Number	Total cost	Number	Total Cost
Text books	211	51182	455	77235	302	57462	1365	4,16700	478	1,15030

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

- OPAC – The library extends out its service to the users through the Online Public Access Catalogue.
- Library automation- Book Magic 5.0 software is installed and all the services have been automated
- The accessions are digitalized and books are provided with barcodes.
- INFLIBNET: The N-List INFLIBNET facility at the college caters to the needs of the faculty, students and research scholars.

4.2.5. Statistical details of Usage:

- Average no. of. Walk-ins: 100/day
- Average no. of. Books issued/returned:50/day
- Ratio of library books to students enrolled: 37:1
- Average number of books added during the last five years: 562

4.2.6. Specialized services provided by library staff to student and teachers of the college.

- Unique feature of our library is the board exhibited prominently in the reading room to invite attention of the students to the topical controversies on books and authors and accolade winning works. This has succeeded in sensitizing the students on the necessity of discrete selection while reading. This information inspires the readers to debate in the Readers Forum or Debate Club, the books, authors and current trends and all other allied matters, and makes their opinion concrete for the benefit of readers at large. The effective co-ordination between the library staff and various forums helps the students to identify the ‘Must be Read Books’ and the Librarian can direct them to easily access the books. This ultimately inspires the Library habit of students and effectively helps in improving the Library Walk-in Ratio.

- The Library Staff can help the students to access the books on any topic with the help of the OPAC
- The Library Staff directs the students to faculty, who are specialized in their required realm of specialization, who in turn helps them to access books/e-resources from NDL and N-LIST INFLIBNET facility.
- The staff also helps the students to obtain much needed rare books by providing them information regarding the availability of books in other nearby libraries.
- The Library also offers facilities for downloading, printing and reprography.

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

The Library Committee provides details of new books and resources on the notice board. Faculty members are motivated to identify the ‘Must be Read books’. Information on such books (*like brief reviews; whether available in the library; if not, Where is it available; Details of the Author and other books by the Author; etc.*), is also shared through the Notice Board.

4.2.8. What specialties are offered by the library to visually challenged persons?

- Library Staff gives special attention to cater to the requirements of the Visually Challenged students by providing facilities for using the Daisy Forum and by entrusting the NSS volunteers to read out the needed portions of the books, for their benefit.
- The College, in collaboration with ‘Chakshumathi’ an NGO at Thiruvananthapuram, intends to institute a Library in the Daisy Forum, exclusively for the Blind in the ground floor of the Main Block.

4.2.9. Does the library get the feedback from its users?

Feedback forms are distributed and collected from the students on monthly basis. The Library Committee analyses these feedbacks and valid suggestions are brought to the notice of the Principal for actions for improving the quality of the functioning of the Library and to provide additional books or facilities.

4.3. IT Infrastructure

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

- Number of computers with configuration (provide actual number with exact configuration of each available system).

- Number of desktop/Lap top computers- 60
 - 2GB/more RAM
 - 250GB Hard disk
 - LCD monitors
 - Server Desktop System
 - Computer student ratio – 1: 37
- Standalone facility – Yes
 - LAN facility – Departments are provided with LAN facility
 - Licensed software: WINDOWS, SPSS, MS Office, Book magic etc.
 - Institute has also initiated the use of Free Software like LINUX
 - No of Computers with internet Facility: All computers are supported with internet/LAN facility
 - A separate reprographic unit functions attached with the examination cell for the efficient conduct of both University and internal examinations.

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

- Computer facility is sufficient in the college and is evenly distributed.
- Students are provided with computer facility in the computer lab and also in the library
- Students and faculties are provided with INFLIBNET and NDL facilities.
- Limited Wi-Fi facility is provided for the students

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

- Institution aims at upgrading the internet facility to 18 Mbps with dedicated leased line
- Institution also intends to avail DELNET and Campus management software
- Augmentation of reprographic facilities for students inside the Campus
- Institution intends to increase the student to computer ratio

4.3.4. Provide details on the provision made in the annual budget for procurement, up gradation deployment and maintenance of the computers and their accessories in the institution.

College allocates about 5% of the annual government grant for the enrichment of the IT infrastructure. Additionally funds obtained from various UGC projects are also used for the purpose.

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

- Institute conducts workshops for students and teachers to familiarize the ICT technologies
- Special interactive sessions are arranged for PG students to equip them with the ability to make optimum use of INFLIBNET and other electronic resources
- Departments extends the available ICT facilities for students to make power point presentations

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

- ICT and PowerPoint is the most common method adopted by the faculty and the PG students for their seminar and paper presentations.
- INFLIBNET and NDL facility provides extensive access of books and e-resources

4.3.7. Does the institution avail the NATIONAL KNOWLEDGE NETWORK connectivity directly or through the affiliating university? If so, what are the services availed of?

- Yes, the institute intends to upgrade the available data connectivity to 18Mbps with dedicated leased line.
- Connectivity under NME-ICT scheme provides access of more than 6000 journals and 97000 e-resources through INFLIBNET

4.4 Maintenance of Campus facilities.

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

The infrastructural facilities of the institute is regularly maintained and replenished by the management annually. The Development fund is optimally used to ensure timely maintenance. A part of the maintenance activity is done by the purchase committee by undertaking the new

procurements, repair and replenishing works of the resources available. Technical repairs and up gradations are made by appointing apt technicians from outside. Library is yearly maintained by prompt stock verification and weeding out practices. Most advanced editions of books, reference books and journals are made available in the library in consultation with the advisory committee and concerned department faculty.

Table 4.4 Budget allocation of funds during the last five years

Item	2011-2012	2012-2013	2013-2014	2014-2015	2015-2016
	Budget	Budget	Budget	Budget	Budget
Building	50000	145000	25000	8600000	3900000
Furniture	25000	30000	30000	3600000	50000
Equipment	2156500	362500	50000	2510000	1362000
Computer	250000	Nil	Nil	498000	262000
Library books	71000	105000	100000	545000	155000

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

The institution has an effective and regular mechanism for the routine up keep of available facilities and infrastructure. Staffs are trained to follow a regular maintenance procedure.

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

- The institution procures the equipments and instruments from trustworthy dealers who ensure regular servicing of them. The expenditure to this is met through either the warranty or from the maintenance fund.
- Precision equipments are all to be self calibrated and is done prior to its use.

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 annual stock check is done with utmost seriousness to identify rectifications to be made in each department.
- USB or stabilizer connections are provided in the science departments to protect the scientific equipments.
- Equipments of common use like the water purifier are kept at accessible places and ensured that it is well maintained annually.

- The ICT facilities are serviced periodically and computers are updated. Library stock is verified every year and suitable actions are taken to prevent any loss or damage.

CRITERION V

STUDENT SUPPORT AND PROGRESSION

“India’s destiny is being shaped in four walls”, says the Kothari Commission Report and the four walls are the walls of the educational institutions where the students and teachers are expected to work together to develop quality human resources for the welfare of the nation. Our institution believes in equipping the students to act with integrity and in alignment with value, which is the most important part of personal and professional success. To achieve these greater objectives, the college has NCC and NSS and has formed various clubs (Entrepreneurial Development Club, Readers Club, Bio-Diversity Club *etc.*) and Department-wise associations, along with Career Guidance and Placement Assistance Cell, Scholar Support Programme (SSP), and Walk With a Scholar (WWS) programme. They provide the students with opportunities to develop their skills, traits and attitudes, that will prove meaningful as they pursue their future goals.

5.1 STUDENT MENTORING AND SUPPORT

The college has always stressed the all-round development of the students in several dimensions *viz.*, intellectual, social, civic, physical, and ethical. A mentor programme involving all students of a class is introduced, which ensures the personal attention of the mentor to each student. Special attention is given to identify learning disabilities and arrange support activities, like remedial coaching and peer teaching for slow learners. Students who need counseling are directed to the student counselor in the college. SSP examines student progress in difficult subjects (identified by the College Council) and provides instructional options to support learning. Student mentoring through WWS, not only encourage academic excellence but also aid in the personal growth and development of the students. Mentors identify the academic and non academic problems of the mentees and provide solutions. Students and their mentors share responsibility for ensuring quality relationship.

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

Yes, ‘Student Hand Book and Calendar’ is provided every year and hard copies are made available to all students, faculty and staff. The annual updation is done in accordance with the academic year plan by a special committee of teachers constituted exclusively for this purpose. The information furnished in the Hand Book Calendar are as follows:

- Historical sketch of the Institution
- Courses offered, Fee structure, and fee rules
- Rules of conduct and other relevant instructions to the students
- Anti-ragging-Hon’ble High Court Directions
- Rules regarding student attendance
- Scholarships and prizes
- College Union and affiliated associations

- Sports and Games, NCC, NSS
- Women Development Cell (W.D.C)
- Career Guidance and Placement Assistance Cell
- The Bio-Diversity Club, Readers Club
- Entrepreneurial Development Club
- IQAC (Internal Quality Assurance Cell)
- Students' Grievance Redressal Cell
- Anti-Ragging Committee, Committee Against Sexual Harassment
- The Library, P.T.A
- Internal Assessment/examination schedule
- College Scholarships/Endowments
- Syndicate Bank
- KRISP (Krishna Poorva Vidyarthi Association)
- The College Council and Governing Body
- The College Website
- Guruvayur Devaswom Managing Committee
- College Calendar, Faculty details with contact details
- Non Teaching Staff, Retired Faculty, Retired Staff

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

Scholarships are the instruments to encourage education and help students to enhance their performance with a healthy competitive spirit. Fee concession is given to SC/ST&OBC and Lump-sum Grant and Stipend for SC/ST students. Eligible students of the college receive scholarships instituted by Central Government, State Government and other agencies. Scholarships are disbursed timely through the respective section in the office and great care is taken to avoid delay. Information regarding the eligibility, availability and the application procedure is circulated among students through class notices and the college notice board. The scholarships instituted by the Central and State Governments are applied and availed through the official website of DCE – www.dcescholarship.kerala.gov.in

Sl. No.	Types of scholarship	Scholarship Amount	Total number of students	Total amount
1.	Post Metric Scholarship (PMS)	3000	58	1,74,000
2.	Central Sector Scholarship (CSS)	10,000	76	7,60,000
3.	State Merit Scholarship (SMS)	1250	2	2,500
4.	Hindi Scholarship (HS)	5000	1	5000
5.	Suvarna Jubilee Merit Scholarship	10000	40	4,00,000
6.	Fishermen Scholarship	variable	44	4,81,188
7.	Muslim Girls Scholarship	3000	15	45,000
8.	PH Scholarship	1000/1200	3	4,400
9.	Kerala State Higher Education	40,000	2	80,000

	Scholarship					
10.	Guruvayur Devaswom	Sanskrit	variable	100	78,400	
11.	Aid Fund		variable	66	22,500	

The College is committed to motivate all eligible students to avail the scholarship. As the number of scholarships are limited and 'merit cum means' is the state level criterion in certain cases, most of the students of our college could not avail the scholarships. Timely disbursal of the amount is ensured and proper accounts are submitted to the agencies.

Assistance towards study tour for SC/ST Students by the Government:

Sl. No.	Year	Amount given to SC students	Amount given to ST students	Amount given to OEC students
1.	2012-13	77,100	1,48,680	Nil
2.	2013-14	1,56,160	1,56,780	Nil
3.	2014-15	1,21,875	1,31,720	25,050
4.	2015-16	2,35,100	1,99,465	14,145

Endowments to meritorious students given by the college management, retired faculties, other organizations, alumni and concerned departments in the past five years are as follows:

Sl. No	Instituted by	Department	In memory of	Beneficiary	Amount
1.	Guruvayur Devaswom		Appan Thampuram Memorial Prize	All BA Sanskrit Students	Rs500+total fee concession
2.	Smt.T. Shyla, retired professor of English	English	Mr. Thankappan Memorial prize	Second place in final year examination	Rs.2000
3.	Dr.K.S. Sudha, retired professor in Botany	Botany		Top scorer in Bio-Technology	Variable
4.	Hon. K. C. Maron Raja, Zamorian		K.C.K Thampuratty birth century	Maximum marks for B.Com	Variable
5.	Faculty of Humanities, JNU, New Delhi		K.Damodaran	Max marks in BA Humanities section	Variable
6.	Dept. of English	Lady faculty members	Smt.Sulekha Lecturer, English Dept	Best Musician (light)	Variable
7.	C.P. Vasunni Nair		Prof.C.P. Vasunni Nair, English Dept	Best Actor	Variable
8.	Ariyannur samskarika samiti	Botany and Malayalam	Endowment	Maximum marks in B.Sc Botany	Variable

	(UAE)			and B.A. Malayalam	
9.	K. Vasudevan Namboothiri	Malayalam		Top scorer in BA malayalam	Rs. 1000
10.	Prof. Leela, Retd. Prof Dept of English	English		Maximum marks for BA English	Variable
11.	Dept. of Botany	Botany	Prof. T Susheela Memorial	Best BSc Student (VI sem) & MSc student (I&II Sem)	Books
12.	Faculty members in the Department of Economics	Economics	Anusha Memorial Academic Excellence Award	Top scorer in B.A. Economics	Rs 1000
13.	P.Sobhana (Retd.Prof. of Commerce)	Commerce	Capt.P. Reghuthaman (Father)	M.Com student with highest Marks in B.Com.	Variable
14.	Prof. G.K Nair	Physical Education	Prof.G.K Nair	Best Women Champion Athlete	Variable
15.	Karunakara Pisharody Prize			Highest marks in B.A Sanskrit	Variable
16.	Jayapal Memorial	Commerce	Sunil Balakrishnan	Highest marks in M Com	Variable
17.	Mrs.N.K. Vijayanunni& family	Sanskrit	Prof.N.K. Vijayanunni	Top scorer in B.A. Sanskrit	Rs.2000
18.	Guruvayoor Devaswom Endowment Scholarship	All classes	M. Raveendran	Academically excellent, economically backward student	Variable
19.	Kunjukutty Amma Memorial	Malayalam	Endowment	Highest mark in B.A Malayalam	Variable
20.	Sri Reghunathan M U.S.A	Physics	Endowment	Top scorer final Semester B.Sc. Physics	Variable
21.	Dr. M Muraleedharan	Malayalam	M.Sankunny Nair & M.Kunjukutty Amma	Top scorer M.A. Malayalam	Variable
22.	Prof. K.Rugmini	Malayalam	Endowment	Top scorer M.A. Malayalam Dissertation	Variable
23.	Prof. N.N. Gokuldas	Zoology	Endowment	Highest IV semester SBPA	Variable

24.	Faculty Members in the Department of History	History		Top scorer in B.A History	Rs.1000
25.	Family members of (late) Dr. M.K. Gopalan Nair	Malayalam	Dr. M.K.Gopalan Nair Memorial	Highest marks for B.A. and M.A. Malayalam	Interest of Rs 30000
26.	Sri. K.P Bhasi	Botany	Sri.K.P Govindan Nair Memorial	Highest scorer in Taxonomy paper	Variable
27.	Sri.Kesavan Namboothiri	Sanskrit	Bhagavatavatms am Guruvayoor Kesavan namboothiri endowments	Highest grade in IV semester Sanskrit	Rs.1000
28.	Dr. E.S Devaki, retired professor in Sanskrit	Sanskrit	Dr. E.S. Devaki Endowment Prize	Highest grade in IV semester M.A. Sanskrit	Rs. 2000
29.	Smt.K.P Letha (retired professor in Mathematics)	Mathematics	M.K Sankaran Kutty Nair (Father)	Top scorer B.Sc Mathematics	Variable
30.	Smt Rajam	Mathematics	Prof. M.Prabhakaran (Husband)	Top scorer B.Sc Mathematics	Variable
31.	Family of (late) Prof. M.P Balakrishnan Menon	English	Prof.M.P. Balakrishnan Menon	Top scorer B.A. English Literature	Variable
32.	Prof. Indira Devi	Physics	Sri.C.M Narayanan Nair (Father)	Top scorer in M.Sc. Physics	Variable
33.	Prof. P Balachandran	Botany	Prof. Induchoodan (Father)	M.Sc Botany Student -Highest scorer in common seminar presentation	Variable
34.	Prof. Indira Devi	Physics	Dr.V.L. Somanathen (Husband)	Top scorer in B.Sc. Physics	Variable
35.	Prof. P.K.Kumari Thambatty	Botany	P.K.K. Thambatty Endowment	Final sem UG and PG exam	Memento
36.			Gandhi Prize Indipendence	Best NSS volunteer	Rs. 3030
37.	Karunakaran Pisharody	Sanskrit		Top scorer in BA sanskrit	Rs. 1000
38.	Department Alumni Scholarship	Malayalam		Top scorer in B.A Malayalam (for MA study at	Rs.5000

		SKC)	
39.	Meenakshi Harihara Iyar	Top scorer in Brahmin community	Rs. 3000
40.	T P Vasunni Nair	BA/BSc Topper	Rs. 1000

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

Sl No	Departments/ Agencies	Percentage (%)
1.	State Merit Scholarship	< 3
2.	Central Government Scholarship	< 3
3.	Other National Agencies	0

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

1. SC/ST, OBC and Economically Weaker Sections

Students belonging to Scheduled Castes (SC), Scheduled Tribes (ST) and Other Eligible Communities (OEC) are extended different concessions. 20% of the seats available in each department are reserved for the SC and ST students during admission apart from the SC/ST students who are admitted in the General Merit quota. Stipends and lump sum grants are made available to the eligible students. SC/ST and OBC sections can avail scholarships instituted by the State Government and other agencies. Boarding and mess facilities are free of cost for the SC/ST students. OBC students who belong to non-creamy layer and all other students whose annual income is below one lakh rupees can avail fee exemption. SC/ST students are exempted from all fees such as tuition fees and examination fees. Tour expense is refunded for SC/ST students. To ensure equity and equal opportunity to the students belonging to the economically and socially disadvantaged section of society 'Equal Opportunity Cell' (headed by Dr. Lakshmi Sankar, Dept. of Sanskrit) has been established in the college. The cell makes efforts to sensitize the academic community regarding the problems associated with social exclusion as well as the aspirations of the marginalized communities.

2. Differently-abled students

The institution facilitates admission of differently abled students in all the courses offered. Reservations are maintained as per university norms (3% for physically handicapped. Out of this, 1% is reserved for the blind, 1% for the deaf and 1% for orthopaedically handicapped with a provision for interchange of seats, if candidates are not available in a particular category in a year) in all departments for students with 40% physical disability. Differently abled students require special attention and arrangements in the campus for their mobility. Ramp and hand rail facilities have been provided for wheelchair. Service of scribes and relaxation in time limit (as per University norms and permission) is also arranged for differently abled students during university exams. Financial assistance is provided to them through different scholarships instituted by the government. The institution provides guidance and counseling to differently abled students and assists them to gain employment in the public as well as private sectors. The physically challenged students are active participants in the extra-

curricular activities of the institution. Convenient seating arrangement is provided for them in the class rooms.

3. Overseas students

No overseas students are studied in our college. Seats are allotted for Lakshadweep residents in our institution. Hostel facility is provided for them. They get complete fee concession (admission fees, tuition fees, exam fees and hostel and mess fees) from the Directorate of Lakshadweep.

4. Support to participate in the National and International competitions

The Physical Education Department of the institution trains our students to take part in various national, state and university level programs and competitions. The Sports and Athletic Advisory committee, coordinators of various clubs, NCC and NSS inform the students about various programs and encourage them to participate. Financial assistance is also provided. Coordinators of NCC and NSS motivate students to participate in different events such as Republic Day Parade and regional and national camps.

An athletic committee functions separately to manage sports and games in the college. The accommodation of sports students are arranged in the hostels and nutritious diet is also provided to them. The infrastructure includes a 400m track, foot ball/ cricket ground and a multi gym. Physical education department provides perfect coaching and ensures student participation in national, state and university level sports and games. Leave is granted to participate in arts and sports competitions. Internal examinations are separately conducted for them if there is a clash of the examination dates and event dates. Special learning facilities, like separate coaching for lost teaching hours, are also provided to the students. Achievements of the students are applauded and the winners are honored.

5. Medical assistance

Complete medical assistance is provided by the institution for all the accidents and casualties that happens within the college premises. A sick room with first aid facility is arranged in the campus and one of our faculties (Lt. Rajesh Madhavan, ANO, NCC) has got expert training in first aid practices. Free medical aid is also provided in the Devaswom Hospital, run by the management. Students in need of immediate medical care are taken to nearby hospitals and the expenses are met by the institution. The institution conducts blood donation camps and dental care camps.

6. Coaching classes for competitive exams

Coaching classes for various examinations like NET-JRF, Bank PO, IAS, PSC, and UPSC are arranged in the institution. Various departments offer coaching for students to appear for PG entrance and other competitive examinations. Career Guidance and Placement Assistance cell also give awareness regarding different competitive examinations and necessary career guidance.

7. Skill development

As college students take their courses, they will gain much beyond the academic benefit through the special programmes designed by the institution. Selection process are conducted with the help of Additional Skill Acquisition Programme (ASAP), a state wide program implemented by the Department of Higher Education to meet the lack of skilled manpower

especially among the university graduates. Students can develop attitudes and skills that help them to gain confidence and give a better exposure to the world around them. Sufficient opportunities are provided to the students to develop skills and abilities that will help them to pursue their future goals. The college provides special training in spoken English and communication skills. Every department conducts certificate courses that enable the students to master certain skills. Hands-on training, on Soap and Soap powder-making, House-hold waste treatment, Clay-article modeling and making, Vegetable printing, Plastic recycling, Glass Painting, Paper bag, Cloth Bag, Ornamental Jewellery making etc., are also given to the students by the Chemistry and Biochemistry Departments, to make them employable.

8. Add-on courses

The college does not offer any add-on courses. But various departments of the college offer fifteen certificate courses.

9. Support for slow learners

Slow learners are not no-learners. They have the ability to learn necessary academic skills, but at a pace below their average peers. Slow learners need special techniques, more time, and often more resources from teachers. Slow learners are identified in the Parent-teacher-student interview at the time of admission and their improvements are identified by analyzing the examination marks and classroom performances. Respective tutors help the students to overcome their problems of learning disability. Remedial teaching, SSP and Peer teaching methods are implemented to improve the academic performance. List of slow learners are prepared and besides the regular class hours, special classes are arranged by the faculty to improve their performance. The Scholar Support Program offers coaching in selected subjects in which additional support is needed for each ward. Peer teaching program enable academically outstanding students to help the slow learners to improve their studies.

10. Exposure of students to other institutions for higher learning, Corporate / business houses etc.

PG students are encouraged to do their project in reputed national R&D institutes. Based on their academic performance, every year, three to four PG students from our institution get opportunity to do their project in institutes like C-MET (Thrissur), NIIST (Trivandrum), IIA (Bangalore), IITM (Pune), IGCAR (Kalpakkam) CMPR Kottakkal, Kerala Kalamandalam, University of Calicut, etc. Students make utilize the various facilities offered by these institutes. Visit to various universities, libraries, research centers, factories, archives, museums and palaces are encouraged apart from curricular interests. Study trips, field visits, excursions, archaeological site visits, industry visits *etc* are also conducted every year as per the curricular interests.

11. Publication of Student Magazine

College magazine plays a vital role in voicing the emotions of the students artistically. The magazine is the spokesman of students' literary and creative spirits. The college magazine is being published every year. A magazine committee is constituted with the Staff Editor, Chief Student Editor, Chairman of the college union, Secretary of the college union and three members nominated from the students of the college by the Chief Student Editor, with the approval of the Principal. Magazine Committee invites creative articles from the students which are screened by

the committee and later published. The title of the magazine changes every year and the students are given an opportunity to suggest the title for their magazine and the best title is accepted.

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

The Entrepreneurial Development Club (ED Club) discovers and encourages the entrepreneurial skills of the students, and boosts their confidence to start new ventures. The students are regularly informed about the latest investment opportunities. Successful entrepreneurs are invited to give orientation lectures to students. Seminars and interactive sessions are also conducted to help the students to acquire new ideas. The IQAC Member representing industry, Mr. Bhavadas, the Managing Director of KP Namboodiri’s Private Limited, is one of our alumni.

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

The institution extends wholehearted support for the students to participate in the extra-curricular and co-curricular activities. Training for the participation of students in D-zone, Inter-Zone, etc competitions are provided with the help and financial assistance of PTA. The institution occupies a formidable position in athletics and games. Infrastructural facilities for sports such as 400m track, football /cricket ground and a multi- gym help better training in sports. A sports hostel is attached to the college and services of capable coaches are made available in the campus. Sports students are provided with jerseys and sports equipments. Several clubs associated with different departments (Mathemagic, Oeconomia etc.), Readers Club, Bio-Diversity Club, NSS and NCC organize quiz competitions, debates, discussions, elocution and essay writing competitions as a part of their activities. The institution extends financial support for all extracurricular and co-curricular activities.

The cultural activities of our college are organized with the support of following clubs and associations

- College Union
- Fine arts Club
- Theatre Club
- The various department Associations and Clubs also conducts cultural activities as part of their programmes.

5.1.7 Enumerating on the support and guidance provided to the students 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, GATE / CAT / GRE / TOEFL / GMAT / Central /State services, Defense, Civil Services, etc.

Sl NO	Name of Examination	Number of students qualified in the last five years
1.	UGC/NET	14
2.	JRF	9
3.	PhD	4 & 7 (ongoing)
4.	State Service	3

5.	Central Service	4
6.	Defense Service	7
7.	TOEFL	1
8.	GATE	2

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

Ample assistance and guidance are provided to solve personal and psychological problems of students through counseling. Counseling services of the institution is coordinated by a faculty member (Ms. V. Jayasree, HoD, Department of Zoology) who is trained in adolescent counseling and is ably assisted by Ms. Lakshmy Saranya, who is an expert counselor.

5.1.9 Does the institution have a structured mechanism for career guidance and placement of its students? If yes, details of 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 programs)

A Career Guidance and Placement Assistance Cell has been functioning in the college since 2005. The Cell provides coaching to students to face competitive examinations and interviews through intensive training programs encompassing group discussions, mock interviews and basics of behavioral science and body language. The career guidance unit provides valuable information to students regarding the various avenues of higher education, career planning and employment opportunities. Campus recruitments are conducted on a regular basis. Entry level coaching classes for PSC, Civil Service Examinations and UGC - NET coaching classes have been conducted with UGC aid.

- Organized training programmes in personality development under the guidance of approved trainers in career guidance.
- Intensive training programme is conducted with the collaboration of T.I.M.E. institute every year
- Joined hands with IMS Learning Centre, Thrissur to hold sessions for final year students to assess their quantitative aptitude, reasoning, verbal ability and knowledge on current affairs, etc.
- A variety of workshop, trainings and seminars are conducted for the students on the various career opportunities in the society with the help of Presidency Career point Thrissur, Arena Animations Thrissur and Janamythri Police Station Guruvayur.
- Programmes like 'Introduction to Multimedia' were conducted for giving information on career opportunities in multimedia.
- During the academic year 2013-14, about twenty five students of our college are placed in various reputed firms like IBM, HCL, Techno Park, TCS, Wipro, South Indian Bank, Indian Postal Service and Sutherland.
- Twenty eight students of our college got selection for the final lap of BPL campus interview held at Elthuruth, Thrissur.
- Through campus interview six final year degree and PG students were recruited as ASAP Skill Development Trainers.
- In 2016, Campus Recruitment Programme was conducted for the post of probationary clerks in South Indian Bank. 22 students were short listed for Group Discussion & Personal Interview and 2 students came out successful in the selection process.

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.

A six member student grievance cell (Under the Convenorship of Mrs. Sasikala of English Department) has been constituted to look into the grievances of students and take necessary actions to resolve them.

Sl.No	Grievances	Solution
1.	Lack of a girls hostel	Girls hostel was opened
2.	Issues with local transportation	Solved through arbitration
3.	Insufficient number of fans and lights	Made necessary arrangements
4.	Insufficient parking facilities	New parking space was provided
5.	Lack of sufficient drinking water facility in different blocks and hostel	New water coolers installed in different blocks and hostel

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

The committee against sexual harassment has been established in the college and is pledged to protect the students from sexual harassment and resolve such issues. Dr. Sudha, E.K. Dept. of Sanskrit, is the Convener of the committee. Legal awareness classes are conducted with the help of KELSA to make the students aware about the legal support offered by the committee and its activities.

The students can lodge complaints directly to the Committee. A complaint box is also kept in the college for the students to convey their concerns in this regard. The committee also considers complaints forwarded to it by the College Council. Preliminary Enquiry is conducted by the members and if further enquiry is required, a specific detailed enquiry committee is constituted with senior members of the faculty. After detailed enquiry the report is submitted to the Committee. The Committee studies the report in detail and forwards the report with recommendations to the College Council. The Council resolves the further actions to be taken in this regard including the punishments to the given. Though the institution is a mixed college, no cases of sexual harassment have been reported during the last five years.

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?

The college has taken serious and sincere measures to prevent the issue of ragging in the campus. Anti-Ragging Committee has been set up in accordance with the guidelines provided by UGC to avoid instances of ragging and will take care of complaints from victims of ragging, if any, with utmost sense of justice. The anti-ragging committee includes the Principal, a representative of civil administration (Mr. Jaison Chacko, Block Panchayat Member) representative of police administration (Mr. Biju R., SI of Guruvayur Police Station), representative of local media (Mohandas Elathur, Deshabhimani), representative of faculty members (Dr. Sreeja T.D. as convener, Lt. Rajesh Madhavan, Dr. Geetha K., Dr. M.V. Prasad), representative of PTA (Mr. Sudheer G Kollara, PTA vice president), representative of non-teaching staff (K.P. Hemambika, Senior Superintendant) and representative of students (Gopakumar U.M., Akshay K.S., Praveen Kumar K., Alna K. Benny). Incidents of ragging or any such indecent behavior by any student to the fellow students involving physical or mental

assault will be treated not as merely a problem of academic discipline, but as a punishable criminal offence. At the time of admission the parent along with their wards are informed of the UGC Regulations on Curbing the Menace of Ragging in Higher Education Institutions, 2009 and an affidavit (affirming that, if found guilty of ragging, my ward is liable for punishment according to clause 9.1 of the Regulations, without prejudice to any other criminal action that may be taken against my ward under any penal law or any law for the time being in force) is collected from the student and his parent.

Fresher's day is celebrated in each department under the supervision of the Head of the department. All the faculty members and students of the department will participate in the function. Entertainment programmes will be conducted by the students to reveal their talents in different fields. The main objective of the programme is to develop friendship among the seniors and juniors and to avoid ragging. Different student organizations in the college are also committed and vigilant to avoid ragging. The efforts on the part of the college have materialized and no issues of ragging have been reported during the last five years.

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

The welfare schemes made available to the students other than various scholarships are listed as follows:

- ★ Hostel facilities for boys and sports students are provided inside the campus.
- ★ Separate Lodging facilities are provided to girls in Girls Hostel inside the campus.
- ★ Boarding and mess facilities are free of cost for athletic sports hostel students and SC/ST students.
- ★ Free medical aid is provided in the Devaswom Hospital, run by the management.
- ★ Medical reimbursement to all students, who met with medical emergencies inside the campus.
- ★ Physical Education Department provides excellent coaching in wide range of sports.
- ★ A Multi Gym is functioning inside the campus for students and staff.
- ★ Services of separate coaches are made available in the campus. All the needs of sports students are met by the college.
- ★ Students amenity center, Ladies waiting room, Career guidance and placement Assistance cell. Counseling services
- ★ CSIR/UGC-NET/JRF coaching, Coaching classes for Entry in Services
- ★ Women Development cell, Students Grievance Redressal cell, Anti-ragging cell, etc
- ★ Remedial Coaching, Peer teaching, Bridge programme, Feedback system
- ★ Certificate courses on various subjects
- ★ Programmes like ASAP, WWS, SSP, etc
- ★ Fully automated Library, Internet, e-journals, and many learning resources
- ★ INFLIBNET, 'Seed money' programme
- ★ Institutional Networking Services, Restricted Wi-fi facility
- ★ Seminars, Extension talks
- ★ Botanical garden, Zoology museum, Heritage museum
- ★ Departmental Associations, Various clubs, Alumnae
- ★ Canteen, which supplies food at subsidized rate for students
- ★ NSS, NCC
- ★ Syndicate bank

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

KRISP (Krishna Poorva Vidhyarthi Association) is the old students’ association formed on July 18, 2002, the day of the inception of the institution, with a motto ‘Fraternity Forever’. A meeting of KRISP is held every year on July18. KRISP in course of its meetings has honored almost 40 students from various walks of life who have left their indelible footprints in the political, social, educational and research scenario of our state and nation. Eminent alumni are invited to deliver inspiring talks in their respective fields to our students and extend great support in the development of the institution. Alumni instituted endowments and contributed financial aid to purchase journals to different departments. They are also motivated to provide financial and other assistance to other needy alumnae when they are in need of costly medical care. More than Rs. 20 lakhs is collected from alumni members for the Liver transplantation of Mr. P. Sasi, alumnus and former UUC, and nearly 3lakhs is collected for the treatment of kidney failure of Mr. Pappachan, alumnus of our college. Our Alumni also constructed a house for the family of Mr. Pappachan, after his sad demise.

5.2 STUDENT PROGRESSION

5.2.1 Providing the percentage of the students progressing to high education/employment (for the last five batches) highlight the trends observed?

Department	Progression	2012-13 (%)	2013-14 (%)	2014-15 (%)	2015-16 (%)*
Mathematics	UG-PG	33	29	27	31
	Employed other than campus recruitment	Nil	Nil	9	Nil
Chemistry	UG-PG	13.79	36.67	46.15	10.71
	Employed-Campus selection	6.89	Nil	11.54	7.14
Botany	UG-PG	Nil	10.71	16.2	10
	PG-M.Phil	Nil	Nil	8.33	Nil
	PG-Ph.D	Nil	Nil	8.33	16.66
	Employed other than campus recruitment	16	Nil	Nil	Nil
Biochemistry	UG-PG	54.5	71.4	45.5	92.8
	Employed other than campus recruitment	27.3	19	6.1	Nil
Sanskrit	UG-PG	75	59	24	29
	PG-M.Phil	Nil	Nil	20	Nil
	PG-Ph.D	Nil	Nil	Nil	20
	Employed other than campus recruitment	2	5	Nil	Nil
Malayalam	UG-PG	72	70	73	70
	PG-M.Phil	6.7	8.33	Nil	Nil
	PG-Ph.D	Nil	Nil	Nil	8
Commerce	UG-PG	73	75	75	78

	PG-M.Phil	10	20	5	Nil
	Employed-Campus selection	Nil	10	Nil	3
Functional-English	UG-PG	Nil	44	44	31
	Employed other than campus recruitment	Nil	Nil	15	13
History	UG-PG	10	12	12	15
Physics	UG-PG	41.1	27.5	20.5	32.4
	PG-M.Phil	30	9	Nil	Nil
	PG-Ph.D	8	18	27.2	Nil
	Employed-Campus selection	5	Nil	Nil	Nil
	Employed other than campus recruitment	9	4	Nil	Nil
English	UG-PG	23	25	28	13
	Employed-Campus selection	Nil	Nil	Nil	3
	Employed other than campus recruitment	10	8	3	10
Zoology	UG-PG	19	28	22	11

* 2016-17 results are yet to be published

5.2.2 Provide details of the programme- wise pass percentage and completion rate for the last five years? Furnish programme-wise details in comparison with that of the performance of the same institution and that of the colleges of the affiliating university within the city/district

UG Department	2012-13		2013-2014		2014-2015		2015-2016		2016-2017	
	Completion rate	Pass Percentage	Completion rate	Pass Percentage	Completion rate	Pass Percentage	Completion rate	Pass Percentage	Completion rate	Pass Percentage
Biochemistry	100	86.4	100	85.7	100	73	100	100	Ongoing	Ongoing
Chemistry	94	53.3	79	61.5	100	68	88	50		
Economics	60	92	62	84	68	86	78	80		
Mathematics	90	70	100	68	87	58	84	56		
History	80	52	72	38	75	62	70	62		
Sanskrit	100	58	100	58.8	71	47	65	41		
Malayalam	56	57.1	64	63.2	52	76	73	55.6		
Zoology	84	69.2	100	68	91	78	100	58.8		
English	75	66	88	80	85	76	88	51		
Commerce	97	92	100	90	98	91	97	95		
Functional	74	74	97	60	92	80	100	62		

English									
Physics	100	64.7	100	67.5	97.4	50	100	50	
Botany	87.87	55.2	87.5	67.9	91.17	87	90.9	60	

PG Department	2012-13		2013-2014		2014-2015		2015-2016		2016-2017	
	Completion rate	Pass Percentage	Completion rate	Pass Percentage	Completion rate	Pass Percentage	Completion rate	Pass Percentage	Completion rate	Pass Percentage
Malayalam	86	75	93	85.7	88	79	85	RA	Ongoing	Ongoing
Sanskrit	-	-	-	-	100	67	100	100		
Physics	100	90	100	72.7	100	73	100	75		
Commerce	92	82	92	100	100	90	100	RA		
Botany	91.66	100	100	91.7	100	100	100	100		

RA- Result Awaiting

Our Rank holders

Year	Department	Name of the student	Rank Position
2014-2015	Botany-PG	Soumya KR	I
2012-2013	Biochemistry-UG	Drishya Darmapal	I
		Renu IC	II
		Anjaly Ashokan	III
2013-2014	Biochemistry-UG	Merlin Rinky K	I
		Souda TE	II
		Shahana Abu	II
		Fasna KA	III
2014-2015	Biochemistry-UG	Hana Hydrose	I
2015-2016	Biochemistry-UG	Athira PJ	I
		Anjaly Krishna MV	II

Discipline	Pass% with A grade (%) & B grade (%)				
	2012-2013 (%)	2013-2014 (%)	2014-2015 (%)	2015-2016 (%)	2016-2017*
Biochemistry-UG	86.4 Agrade-18.2	85.7 Agrade-28.6	73 Agrade-6.06	100 Agrade-14.28	

	Bgrade-68.2	Bgrade-57.1	Bgrade-60.6	Bgrade-78.5	
Chemistry-UG	53.3 Agrade-3.33 Bgrade-50	61.5 Agrade-0 Bgrade-61.5	68 Agrade-2.94 Bgrade-61.76	50 Agrade-0 Bgrade-50	
History-UG	52 Agrade-0 Bgrade-56	38 Agrade-0 Bgrade-29	62 Agrade-0 Bgrade-24	62 Agrade-0 Bgrade-52	
Economics-UG	92 Agrade-0 Bgrade-81.8	84 Agrade-0 Bgrade-62.1	86 Agrade-0 Bgrade-80.4	80 Agrade-0 Bgrade-46.8	
English-UG	66 Agrade-0 BGrade 50	80 Agrade-0 BGrade 49	76 Agrade-0 BGrade-42	51 Agrade-0 BGrade -43	
Functional – English-UG	74 Agrade 0 BGrade 48	60 Agrade 3.5 BGrade 39.2	80 Agrade 0 BGrade 60	62 Agrade 0 BGrade 47	
Mathematics-UG	70 Agrade-13 Bgrade-43	68 Agrade-4 Bgrade-50	58 Agrade-12 Bgrade-46	56 Agrade-6 Bgrade-47	
Zoology-UG	69.2 Agrade-4 B Grade-64	68 Agrade 68 B Grade 0	78 Agrade 17 BGrade 61	58.8 Agrade 0 B Grade 52	
Sanskrit-UG	58 Agrade-0 Bgrade-50	58.8 Agrade-0 Bgrade-52.9	47 Agrade-0 Bgrade-41.3	41 Agrade-0 Bgrade-23.3	
Sanskrit-PG	-	-	67 Agrade-0 Bgrade-50	100 Agrade-0 Bgrade-100	
Malayalam-UG	57.1 Agrade-0 Bgrade-57.1	63.2 Agrade-0 Bgrade-63.2	76 Agrade-0 Bgrade-76	55.6 Agrade-0 Bgrade-37.0	
Malayalam-PG	75 Agrade-0 Bgrade -75	85.7 Agrade-0 Bgrade -78.57	79 Agrade-0 Bgrade -68.75	Result Awaiting	
Commerce-UG	92 A Grade 7 B Grade 46	90 A Grade 5 B Grade 44	91 A Grade 15 B Grade 31	95 A Grade 2 B Grade 42	
Commerce-PG	82 Agrade 33 BGrade 42	100 Agrade 15 BGrade 77	100 Agrade 35 BGrade 65	Result Awaiting	
Botany-UG	55.2 Agrade-0 Bgrade-55.2	67.9 Agrade-0 Bgrade-57.14	87 Agrade-0 Bgrade-45	60 Agrade-0 Bgrade 32	
Botany-PG	100 Agrade-0	91.7 Agrade-0	100 Agrade-9	100 Agrade-0	

	Bgrade-66.66	Bgrade-41.66	Bgrade-91	Bgrade-80	
Physics –UG	64.7 AGrade 5.8 BGrade 55.8	67.5 AGrade 20 BGrade 40	50 AGrade10.2 BGrade-35.8	50 AGrade-8.1 BGrade-37.8	
Physics-PG	90 AGrade 0 BGrade 70	72.7 AGrade 0 B Grade 72.7	73 AGrade 0 BGrade 73	75 AGrade 0 BGrade 75	

The following is a comparison of pass percentage of UG Courses between Sree Krishna College Guruvayur (SKC), SN College Nattika (SNC), Sree Vyasa NSS College Wadakkancherry (SVC) and Calicut University (CU).

Under Graduate Department	2012-2013				2013-2014			
	SKC	SNC	SVC	CU	SKC	SNC	SVC	CU
Commerce	92	90.9	90.7	94.64	90	89	83.3	87.65
Economics	92	80	48	78.3	84	81	66	72.22
Mathematics	70	66	69	81.3	68	68	83.3	74.71
Botany	55.2	93.5	88	83.75	67.9	87.5	71	79.41
Chemistry	53.3	65	61.1	83.26	61.5	67	65.4	76.34
Physics	64.7	60	77	83.24	67.5	62	45.1	73.09
History ^a	52	-	82	77.82	38	-	63	72.5
English ^a	66	-	78	86.27	80	-	68	78.12
Malayalam ^b	57.1	84	-	77.99	63.2	84	-	78.21
Zoology ^b	69.2	84	-	85.23	68	77	-	77.87
Sanskrit ^c	58	-	-	78.07	58.8	-	-	75.65
Functional English ^c	74	-	-	82.86	60	-	-	80
Biochemistry ^c	86.4	-	-	91.58	85.7	-	-	71.21

Under Graduate Department	2014-2015				2015-2016			
	SKC	SNC	SVC	CU	SKC	SNC	SVC*	CU*
Commerce	91	91	92.8	89.61	95	95		
Economics	86	60	70	78.69	80	73.0		
Mathematics	58	72.8	89.6	77.88	56	75		
Botany	87	88	83.3	86.5	60	82		
Chemistry	68	79.3	81.8	80.57	50	85		
Physics	50	66.6	78.7	76.67	50	82.5		
History ^a	62	-	77.7	76.71	62	-		
English ^a	76	-	72.7	84.1	51	-		
Malayalam ^b	76	87.5	-	83.68	55.60	87.1		
Zoology ^b	78	69	-	83.26	58.8	69		

Sanskrit ^c	47	-	-	74.17	41	-		
Functional English ^c	80	-	-	80.97	62	-		
Biochemistry ^c	73	-	-	83.33	100	-		

^a The courses are not offered by SNC

^b The courses are not offered by SVC

^c Nearby colleges are not offering these courses

*Results are not received from SVC and Calicut University

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

- A Students Amenity Centre has been set up as a help-desk for the students under the Convenership of Mr. Suresh V Nampoothiri, of the Chemistry Department. Students can seek information on examination related matters and scholarships in this centre. They are given all necessary help and support at this centre.
- Coaching for competitive examination like NET-JRF (Coordinator-Dr. Brinsh, R. of Zoology Department) PSC, Bank PO and UPSC (Coordinator-Dr. Manoj. E. of Chemistry Department) is provided to students. Sessions on spoken english and communication skills are imparted, through which the students shed their inhibition in public speaking and effectively communicating in English.
- Expert lectures and invited talks are organized at department levels. Interactive sessions help the students to identify career oriented higher study programs according to their needs and taste.
- Library resources and adequate internet facilities available to our students help them to fulfill their ambitions.
- The various e-books, research journals and other resources provided by ENLIST INFLIBNET support the students to build their research career. Research scholars are more benefitted in this regard.
- The General Library has launched three initiatives for redefining and reinventing the role of reader in the changed context of digital learning and social media. “Bookworm” a Readers corner has been set up for the students. It showcases well known, controversial and must - read books. One book is introduced every fortnight and students are encouraged to read it and take part in discussions based on it. ‘Aalaap’ is a poetry-recital forum for students and staff to recite poems-original creations or otherwise. An online forum ‘talkatives’ is created to conduct discussions and debates on literature and social issues.
- For better exposure PG students are encouraged to do their master projects in reputed national R&D institutes and universities.
- Students are encouraged to attend and present papers in the National and International seminars conducted in other colleges/universities.
- Peer teaching and peer evaluation are practiced in class rooms for a better understanding of their subject level and improvement in students’ performance. Self evaluation by students helps them in quality improvement.
- A mentor programme involving all students of a class has been in force since 2014. Each student gets personal attention of the mentor. Students having special interests and talents are directed to concerned mentors of other departments. Students who need counseling are directed to the Student counselor in the college.

- An Exit-Programme is conducted by each department, in which guidance is given to students, based on the assessment made of each student by the Mentors (tutors), who had closely interacted with them during the three-year programme. This helps the student to identify his strengths and get a clear idea regarding future course of action.
- ED Cub and NSS Units are providing Self-employment training on LED assembling, making of Chalk, Agarbathies, and eco-friendly Stationery products to selected students.
- Career Guidance and Placement Assistance Cell (Coordinator-Dr. P.S. Udayan, Dept. of Botany) give information about career and employment opportunities that help them to plan for a career in future. The Cell organizes sessions for informing students about emerging professional trends.
- Students are given information and encouragement to participate in placement programmes and campus selection organized by various firms.
- Through mentoring and tutorial facilities the faculties assist the students in planning academic programmes in accordance with their interest and abilities.
- WWS has helped the students receive academic enrichment through a higher level of learning. The programme upgraded the level of students and enabled them to know the growing horizon of knowledge.

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

Students drop out for a number of reasons. Teachers during the tutorial hours, through personal interaction with the students, identify the problems of students who tend to drop out of their studies. The major reasons for drop out in the institution are financial difficulties, fear of risk of failure, professional studies, job recruitments and placements, marriage and pregnancy. Scholar Support Programme, remedial teaching and peer teaching facilities are provided for those who are academically weak and at the risk of failure drop out. Majority students of our institution are not from financially sound background, so lack of money forces them to drop out studies. For such students fee concessions, stipends and special scholarships are provided. Assistance from faculty members and alumni are also sought in case or necessity. Counseling is also given to parents of poor and marginalized students about the necessity and importance of higher education. In the case of mother students, all possible assistance is provided to continue their education with the junior students.

No of Drop outs per class

SI No	UG Courses	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017*
1.	Biochemistry	1	Nil	3	Nil	
2.	Chemistry	2	7	2	Nil	
3.	Sanskrit	9	Nil	7	9	
4.	Mathematics	1	1	2	2	
5.	History	8	6	8	10	
6.	Botany	5	2	4	4	
7.	Malayalam	Nil	8	14	10	
8.	Economics	10	9	7	13	
9.	Commerce	2	Nil	1	2	

10.	Zoology	4	1	1	Nil	
11.	English	10	5	6	5	
12.	Functional– English	Nil	1	1	1	
13.	Physics	Nil	Nil	3	1	

*Complete data of 2016-17 is yet to be received

Sl No	PG Courses	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017*
1.	Sanskrit	-	-	1	1	
2.	Botany	1	Nil	Nil	Nil	
3.	Malayalam	1	Nil	1	2	
4.	Commerce	1	1	Nil	Nil	
5.	Physics	Nil	Nil	1	Nil	

*Complete data of 2016-17 is yet to be received

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 programme calendar.

The proverb goes “All work and no play makes jack a dull boy”. Sports offer a change from the monotony of daily work. Our institution occupies a notable position in athletics and games. The college has excelled in various items in the past and has created stunning records in the present. Physical Education Department provides excellent coaching in wide range of sports like athletics, foot-ball, cricket, ball badminton, best physique, lawn tennis, taekwondo, power lifting and *kalaripayattu*. The students are encouraged to participate in various competitions like District level, State level, University level and All India Inter University level. College has good infrastructural facilities including sports hostel for providing better training and accommodation to our sports students.

Two of our former athletes, **Mr. Kunju Mohammed** and **Mr. Muhammed Anas** were part of the **Indian Athletic Team** in the **Rio Olympics in 2016** in 4x400 mts relay and 400 mts respectively. Former athletes including the Olympians visit our college occasionally and perform the events along with our athletes. This interaction drastically improves the performance of our athletes to international standards and motivates them to compete in international environment.

The college has started a Physical Fitness Programme for all students after monitoring their Body Mass Index (BMI) every year. Proper guidance is given to concerned students to attain Physical fitness. The college is planning to introduce Health cards to all students with the help of NSS unit of Thrissur medical college.

List of Major Achievement

I. Achievements of Sree Krishna College team in various Inter Collegiate competitions

SI No	Event	Position Secured				
		2012-13	2013-14	2014-15	2015-16	2016-17
1.	Calicut University Inter-Collegiate Cross country (Men)	Runners up	Runners up	Runners up	Runners up	Runners up
2.	Calicut University Athletics Championship (Men)	Winners	Winners	Runners up	Runners up	Runners up
3.	Calicut University Inter zone Ball Badminton Championship	Winners	Winners	Runners up	Runners up	Runners up
4.	Calicut University Inter zone Best Physique Championship	Runners up	Runners up	Runners up	Winners	Runners up
5.	Calicut University Inter zone Shuttle Badminton Championship	Third Position	Nil	Nil	Nil	Nil
6.	Calicut University Inter zone Power lifting championship	Nil	Nil	Third Position	Nil	Nil
7.	Calicut University Inter zone Foot Ball Championship	Nil	Nil	Nil	Fourth Position	Nil
8.	Calicut University Inter zone Kalaripayattu (Women)	Nil	Nil	Nil	Nil	Runners up
9.	Calicut University Inter zone Lawn tennis championship	Nil	Nil	Third Position	Third Position	Nil
10.	Calicut University D zone Foot Ball Championship	Runners up	Fourth Position	Fourth Position	Fourth Position	Fourth Position
11.	Calicut University D zone Cricket Championship	Winners	Third Position	Third Position	Third Position	Fourth Position
12.	Calicut University D zone Shuttle Badminton Championship	Winners	Winners	Runners up	Third Position	Runners up

II. 1. List of Students who represented Calicut University in the All India Inter University meet for the year 2012-13

No	Event	Name of Player	Position Secured
1.	Athletics	Arun KN	Bronze medal in Long Jump
		Shajahan PM	Gold medal in 4x100 mtr Relay
		Alex Cletus	Gold medal in 4x100 mtr Relay
		Rajeev TS	
		Nithin P Abraham	
		Muhammed Shefil E.K	
		Abin K Johny	
		Sainul Abid A	
		Pradeep MR	
		Manikandan S	
		Sanal Joychen	

2.	Cross country	Vinu Wilson	
		Vipin CB	
		Sainul Abid A	
		Vishnu Mohan	
3.	Ball Badminton	Arun Ghosh	
		Jaison Jose	
		Niljo CJ	
		Neju CV	
4.	Shuttle Badminton	Nitheesh Kumar	
5.	Cricket	Mahesh PM	
		Ramesh TS	
6.	Football	Ramshad AR	
7.	Power lifting	Bagesh AB	Silver Medal in 59kgs.

2. List of Students who represented Calicut University in the All India Inter University meet for the year 2013-14

No	Event	Name of Player	Position Secured
1.	Athletics	Vijeesh MM	
		Vipin CB	
		Muhammed Shefil	
		Shajahan PM	
		Sainul Abid A	
		Arun KN	
		Alex Cletus	
2.	Cross country	Vinu Wilson	
3.	Ball Badminton	Arun Ghosh	
		Jaison Jose	
		Niljo CJ	
		Jithin Francis	
4.	Cricket	Sharroob	
		Ramesh TS	
5.	Best Physique	Musadhik KT	Silver medal in 80kg.
		Niyas PM	Bronze medal in 90+kg.

3. List of Students who represented Calicut University in the All India Inter Varsity meet for the year 2014-15

No	Event	Name of Player	Position Secured
1.	Athletics	Abdul Latheef	
		Vipin CB	
		Vishnu N Nair	
		Muhammed Musthafa	
		Rebas Mosahi	Gold medal in 20 Km Walking
		Muhammed Anas A.Y	Silver medal in 400 mts.
		Muhammed Musthafa	Bronze medal in 4x100 Meter Relay

2.	Cross country	Vinu Wilson	
		Vipin CB	
		Madhu M	
3.	Ball Badminton	Sreeraj PM	
		Jaison Jose	
		Niljo CJ	
		Jithin Francis	
4.	Football	Jinse K John	
5.	Best Physique	Dinesh KV	Gold Medal in 85kg.
		Muhammed Aslam	
		Sudheesh M	
6	Power lifting	Kiran KP	4 th Place in 74kg

4. List of Students who represented Calicut University in the All India Inter Varsity meet for the year 2015-16

No	Event	Name of Player	Position Secured
1.	Athletics	Aswin KP	
		Jijulal P	
		Vishnu N Nair	
		Jithesh C	
		Rebas Mosahi	
2.	Cross country	Vishnu M	
		Ansif PV	
3.	Ball Badminton	Sachin	
		Niljo CJ	
		Jithin Francis	
4.	Best Physique	Dinesh KV	Gold medal in 85kg.
		Muhammed Aslam	
		Vishnu IS	
5.	Lawn Tennis	Sanju Krishnan	

5. List of Students who represented Calicut University in the All India Inter Varsity meet for the year 2016-17

No	Event	Name of Player	Position Secured
1.	Athletics	Aswin KP	Bronze medal in 4X100mts. Relay
		Raghil AG	Bronze medal in 4X100mts. Relay
		Muhammed Anees	Bronze medal in Long Jump
		Midhun T	
		Vishnu N Nair	
		Joshy JJ	
		Suraj S	
2.	Cross country	Ajeesh CP	

		Ansif PV	
3.	Ball Badminton	Sachin	
		Jaison Jose	
4.	Best Physique	Libas Jamal	
5.	Football	Sandeep U	Won South zone and All India Inter University Championships
6.	Cricket	Mansoor	
7.	Boxing	Vasisht Prem	
8.	Kalaripayattu (Women)	Haripriya M.	University Individual Champion

III 1. Individual Medals secured in University of Calicut for the year 2014-15

No	Event	Name of Player	Position Secured
1	Athletics	Muhammed Musthafa	Gold medal in 100mtr,4x100 mtr relay Bronze
		Vishnu N Nair	Gold in 200mtr and Silver in 400 mtrs, 4x100 mtr relay Bronze , 4x400 mtr relay Gold
		Mohammed Anas	Gold in 400 mtrs, 4x400 mtr relay Gold
		Vinu Wilson	5000 mtr Silver, Half Marathon Silver
		Abdul Latheef	High Jump Gold
		Riyas PV	Gold in Javalion Throw
		Rebas Mosahi	Gold in 20 Km walking
		Jadhavedh	Gold in Decathlon
		Joyce George	4x100 mtr relay Bronze, 4x400 mtr relay Gold
		Ajeesh PV	4x100 mtr relay Bronze, 4x400 mtr relay Gold
2	Best Physique	Dinesh.K.V	Gold Medal in 90 kg Category
		Sudheesh M	Silver Medal in 60 kg Category
		Muhammed Aslam	Gold Medal in 80 kg Category
3	Taekwondo	Nadirsha VK	Bronze medal
		Nebil	Silver medal
4	Power lifting	Kiran KP	Gold medal

2. Individual Medals secured in University of Calicut for the year 2015-16

No	Event	Name of Player	Position Secured
1	Athletics	Aswin KP	Gold medal in 100mtr, Bronze in 200 mtr , 4x100 mtr relay Silver
		Muhammed Musthafa	4x100 mtr relay Silver
		Vishnu N Nair	Silver in 400 mtrs, 4x100 mtr relay Silver , 4x400 mtr relay Silver
		Jithesh	Silver in 200 mtrs, 4x400 mtr relay Silver
		Ajay V	800 mtr bronze
		Abdul Latheef	High Jump Bronze
		Riyas PV	Gold in Javalion Throw
		Rebas Mosahi	Gold in 20 Km walking
		Nidhin Mohan	Hammer throw Silver, Discuss throw bronze
		Sooraj S	20km walking bronze
		Abdul Hameed	4x100 mtr relay Silver
		Anish G	4x400 mtr relay Silver
2	Best Physique	Dinesh.K.V	Gold Medal in 90 kg Category
		Muhammed Aslam	Silver Medal in 80 kg Category
		Vishnu I S	Silver Medal in 85 kg Category
		Libas Jamal	Silver Medal in 75 kg Category
		Sruthy Rag	Silver Medal in 70 kg Category
		Sudheesh M.	Silver Medal in 60 kg Category
		Leo P.S	Gold Medal in 90+ kg Category
3	LawnTennis	Sanju Krishnan	Individual champion

3. Individual Medals secured in University of Calicut for the year 2016-17

No	Event	Name of Player	Position Secured
1	Athletics	Aswin K P	4x100 mtr relay Gold
		Vishnu N Nair	Gold in 200mtr and 400 mtr , 4x400 mtr relay Silver
		Raghil	100 mtr silver, 4 x 100 mtr relay Gold
		Vivek AS	4x100 mtr relay Gold
		Nidhin P	4x100 mtr relay Gold
		Jijulal	4x 400 mtr relay Silver
		Mohammed Ajmal	4x400 mtr relay Gold
		Ajay V	800 mtr bronze
		Ajeesh TP	10000 Bronze, Half marathone Bronze
		Dharmaraj M	5000 Bronze,
		Sooraj	20 km walking silver
		Muhammed Anees AY	Long jump Gold, 400 mtr Hurdles Gold

		Muhammed Anees	Long jump Bronze
		Monu PB	Triple jump Bronze
		Abdul Latheef	High Jump Bronze
		Joshi	Triple jump Gold
		Riyas PV	Gold in Javalion Throw
		Rebas Mosahi	Gold in 20 Km walking
		Nidhin Mohan	Hammer throw Silver, Discuss throw bronze
		Sooraj S	20km walking bronze
		Abdul Hameed	4x100 mtr relay Silver
		Anish G	4x400 mtr relay Silver
2	Best Physique	Libas Jamal	Gold Medal in 80 kg Category
		Vineeth	Silver medal in 85 kg category
3	Boxing	Vasisht Prem	Gold in 60 kg
5	Kalaripayattu (W)	Haripriya M.	Individual champion

IV. Achievement in State, National and International Level competitions other than Inter University

Academic Year 2012- 13			
No	Event	Name of Player	Position Secured
1	Athletics	Sainul Abid A.	400 mtr state amateur meet Silver medal represented kerala
Academic Year 2013- 14			
1	Tennis	Sanju Krishnan	Represented Kerala State Soft Tennis team
2	Athletics	Rebas Mosahi	Gold medal in Kerala State College Games in 20km. walking
		Vipin C.B	Silver medal in Kerala State College Games in 4X400mts. Relay
		Muhammed Shefil	Silver medal in Kerala State College Games in 4X400mts. Relay
		Sainul Abid A.	Silver medal in Kerala State College Games in 4X400mts. Relay
		Arun K.N	Silver medal in Kerala State College Games in 4X400mts. Relay
Academic Year 2014- 15			
1	Athletics	Muhammed Anas AY	Silver Medal in 4 x 400 mtr relay for Kerala in National Games
		Rebas Mosahi	Gold medal in Kerala State College Games in 20km. walking
		Rebas Mosahi	Represented Kerala in National Games

			in 20km.Walking
		Jithesh C.	Silver medal in Kerala State College Games in 400mts.
		Muhammed Anas A.Y	Bronze medal in Kerala State College Games in4X400mts. Relay
		Vishnu N.Nair	Bronze medal in Kerala State College Games in4X400mts. Relay
		Ajeesh P.V	Bronze medal in Kerala State College Games in4X400mts. Relay
		Joyce George	Bronze medal in Kerala State College Games in4X400mts. Relay
		Sooraj S.	Gold medal in Senior State Amateur Athletic Meet in Walking.
		Dharmaraj M.	Silver Medal in Senior State Amateur Athletic Meet 5000mts. and 10000mts.

Academic Year 2015- 16			
No	Event	Name of Player	Position Secured
1	Athletics	Aswin KP	Silver medal in 100 mtrs Kerala State Inter Club Athletic Meet
		Muhammed Anees AY	Silver medal in long jump Federation Cup Athletic Meet- Hydrabad
		Muhammed Anees AY	Gold medal in long jump Open National Athletic Meet - Banglore
		Vishnu N.Nair	Represented Kerala State Senior Amateur Athletic Team in the National Championship.
		Jijulal	Represented Kerala State Junior Athletic Team in the National Championship.
		Jithesh C.	Represented Kerala State Junior Athletic Team in the National Championship.
2	Power Lifting	Kiran K.P	Gold medal in Junior Asia Power lifting Championship
Academic Year 2016- 17			
1	Athletics	Vishnu N.Nair	Represented Kerala State Senior Amateur Athletic Team in the National Championship.
		Aswin K.P	Represented Kerala State Junior Athletic Team in the National

		Championship.
	Jijulal	Represented Kerala State Junior Athletic Team in the National Championship.
	Raghil	Represented Kerala State Junior Athletic Team in the National Championship.

Outstanding Achievements of our Athletes

Muhammed Anas AY	Present National record holder in 400 mtr. Represented India in the Rio Olympics 2016 in 400 mtr and 4 x 400 mtr relay team
Kunju Muhammed P	Represented India in the Rio Olympics 2016 in 4 x 400 mtr relay team

Sport -Activity Calendar

2012-2013			
Sl No	Date	Item	Venue
1	2012 September 10 to 12	Badminton (M)	St Joseph's College, Irinjalakkuda
2	2012 September 11 to 15	Football (M)	Calicut University Stadium
3	2012 September 13 and 14	Swimming (M&W), Water Polo (M)	Aquatic Complex Thrissur
4	2012 September 17 to 20	Chess (M&W)	Royal Collge of Eng. Akkikavu
5	2012 September 17	Cross Country (M&W)	Mercy College, Palakkad
6	2012 October 3 and 4	Ball Badminton (W)	NSS College Ottapalam
7	2012 November 15 to 20	Cricket (M)	GV College Palakkad
8	2012 November 27 to 29	Athletics(M&W)	Govt College of Physical Education Kozhikode
9	2013 January 4	Taekwondo (M)	PSMO Collge Tirurangadi
10	2013 January 7	Best Physique (M)	Zamorin's Guruvayurappan College Calicut
11	2013 January 7 to 9	Tennis (M)	St.Thomas College Thrissur
12	2013 January 9	Kalaripayattu (M&W)	SH College Chalakkudy
13	2013 January 9	Weight Lifting (M)	SKV College Thrissur

2013-2014

Sl No	Date	Item	Venue
1	2013 September 24 to 27	Chess (M&W) Single championship	Vidya Academy of Science and Technology, Trichur
2	2013 September 27 & 28	Swimming (M&W), Water Polo (M)	Police Academy, Trichur
3	2013 Sep 30 to October 3	Football	Farook College, Feroke
4	2013 October 21	Cross Country	PSMO College, Tirurangadi
5	2013 October 29 to 31	Badminton	NSS College, Ottappalam
6	2013 November 22 & 27	Cricket	Christ College Iringalakkuda
7	2013 November 25 & 26	Ball Badminton	SKC Guruvayur
8	2013 November 26 to 29	Volleyball (M)	Govt Arts & Science College, Kozhikode
9	2013 December 3 to 5	Athletics	Calicut University Stadium
10	2013 December 13	Taekwondo (M&W)	ZGC Kozhikode
11	2014 January 29	Kalaripayattu	Govt College, Pattambi
12	2014 January 27 & 28	Tennis (M)	Calicut University Stadium

2014-2015			
Sl No	Date	Item	Venue
1	2014 September 1 to 4	Football (M)	Calicut University Stadium
2	2014 September 17 & 18	Swimming (M&W) & Water Polo (M)	Sree Kerala Varma College, Trichur
3	2014 September 22 to 27	Cricket (M)	Sree Kerala Varma College, Trichur
4	2014 September 24	Cross Country (M&W)	Govt College, Kolencherry
5	2014 November 17 to 19	Badminton	Calicut University Stadium
6	2014 September 17 to 19	Volleyball(M)	KMCA College, Knodotty
7	2014 December 3 to 5	Athletics	Christ College, Irinjalakkuda
8	2014 December 8	Best Physique (M)	SN Perinthalmanna
9	2014 December 10	Power Lifting (M)	MES Kuttippuram
10	2014 December 17 & 18	Ball Badminton	Govt College, Chittur
11	2015 January 15	Taekwondo (M&W)	Zamorin's Guruvayurappan College Calicut
12	2015 January 20 & 21	Tennis (M)	NSS College of Engineering, Palakkad
13	2015 January 20	Kalaripayattu (M&W)	Govt Victoria Palakkad

2015-2016			
Sl No	Date	Item	Venue
1	2015 September 22 &23	Badminton (M)	Christ College, Iringalakkuda
2	2015 September 28 to 30	Volleyball (M)	ELIMS College of Arts and Science Trichur
3	2015 November 3	Taekwondo (M&W)	Zamorin's Guruvayurappan College Calicut
4	2015 November 3 to 6	Football (M)	NSS College, Ottapalam
5	2015 December 2 to 4	Athletics (M&W)	St. Joseph's College, Devagiri
6	2015 December 7&8	Ball Badminton (M)	Govt College, Chittur
7	2015 December 16 to 21	Cricket (M)	SKVC Trichur
8	2016 February 8&9	Tennis (M)	PSMO College, Tirurangadi
9	2016 February 15	Power Lifting (M)	Zamorin's Guruvayurappan College Calicut
10	2016 February 18	Kalaripayattu (M&W)	Govt Arts & Science College, Calicut
11	2016 February 18	Best Physique (M)	SKC Guruvayur

Cultural Activity

Our College occupies a significant position in the University in cultural events. A variety of cultural events are conducted during College Union Inauguration, Fine Arts Inauguration and Arts festival. Social Service day, Onam Celebration, Pookkalam Contest, Payasamela, Christmas & New year Celebrations, College Annual Day and Farewell to Teachers, etc are organized every year in the college. Inter Zone Competitions were conducted in our college during 2012. D Zone Competitions were conducted during the academic years 2012-13, 2015-2016 and 2016-2017. The students take active participation in competitions organized by other institutes also. Our college regularly occupies a top position among the best five performing colleges of the Calicut University.

Ms. Meera Sreenarayan, a talented South Indian classical dancer, of our college has won laurels for the institution through her various prestigious achievements. She has many stage performances to her credit and many prizes for Bharathanatyam, Mohiniyattam, Kuchipudi, Folkdance, and mono act. She has won NCERT scholarship for creative performance under national Nehru Balbhavan. She is selected for JENESYS cultural and educational program by Govt. of India and Japan. She has performed a leading role in the National Award winning Sanskrit film '*Priyamanasam*' on the life of the ancient poet Unnayi Warriar.

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.

Sl. No.	Name	Programme	Place/Grade
2015-2016			
1	Shahanas KS	Urdu Elocution (D-Zone)	II
2	Riyas TA	Duffmutt (D-Zone)	II
3	Basil PV	Duffmutt (D-Zone)	II
4	Aneesh MA	Duffmutt (D-Zone)	II
5	Ashik PV	Duffmutt (D-Zone)	II
6	Abhinash PB	Duffmutt (D-Zone)	II
7	Abhijith	Duffmutt (D-Zone)	II
8	Shafeef TH	Duffmutt (D-Zone)	II
9	Rizal Jawal	Duffmutt (D-Zone)	II
10	Nowfal TM	Duffmutt (D-Zone)	II
11	Muhammed Juraij J	Duffmutt (D-Zone)	II
12	Haris VA	Duffmutt (D-Zone), Kolkali (D-Zone),	II , III
13	Farseen	Duffmutt (D-Zone)	II
14	Ajeesh A K	Versification (Malayalam) (D-Zone)	III
15	Praveen Kumar K	Versification (Malayalam) (D-Zone)	I
16	Jazeel	Vattappattu (D-Zone)	III
17	Ananthu K	Vattappattu (D-Zone)	III
18	Sachin Mohan T	Vattappattu (D-Zone)	III
19	Sreenath PK	Vattappattu (D-Zone)	III
20	Rahul PM	Vattappattu (D-Zone)	III
21	Abhay P	Vattappattu (D-Zone)	III
22	Shafeek TH	Vattappattu (D-Zone)	III
23	Gokul K	Vattappattu (D-Zone)	III
24	Aneesh P	Vattappattu (D-Zone)	III
25	Jasal Mubarak P	Vattappattu (D-Zone)	III
26	Jathaved VR	Hindi Drama (D-Zone)	Best Actor
27	Aiswarya	Hindi Drama (D-Zone)	I
28	Akshaya Ramachandran	Hindi Drama (D-Zone)	I
29	Jishnu PM	Hindi Drama (D-Zone)	I
30	Anjaly TL	Hindi Drama (D-Zone)	I
31	Pranav P Jayaprakash	Hindi Drama (D-Zone)	I
32	Sreevidya P S	Hindi Drama (D-Zone)	I
33	Sreenath P K	Hindi Dram (D-Zone)	I
34	Akshay Mohan P	Kolkali(D-Zone)	III
35	Sarathlal PS	Kolkali(D-Zone)	III
36	Ahammed Nihal	Kolkali(D-Zone)	III
37	Sudev KS	Kolkali(D-Zone)	III
38	Nowfal T M	Kolkali(D-Zone)	III

39	Haris VA	Kolkali(D-Zone)	III
40	Abhinash PB	Kolkali(D-Zone)	III
41	Ashik P V	Kolkali(D-Zone)	III
42	Muhammed Juraj C B	Kolkali(D-Zone)	III
43	Muhammed Mustaffa	Kolkali(D-Zone)	III
44	Krishna Prasad S	Kolkali(D-Zone)	III
45	Basil P V	Kolkali(D-Zone)	III
46	Nima KS	Thiruvathira (D-Zone)	III
47	Lakshmi Aiswarya KP	Thiruvathira (D-Zone)	III
48	Amrutha M	Thiruvathira (D-Zone)	III
49	Radhika E	Thiruvathira (D-Zone)	III
50	Sanuja K P	Thiruvathira (D-Zone)	III
51	Ragi P R	Thiruvathira (D-Zone)	III
52	Kavya KP	Thiruvathira (D-Zone)	III
53	Aiswarya K	Thiruvathira (D-Zone)	III
54	Bhavya P	Thiruvathira (D-Zone)	III
55	Athira S	Thiruvathira (D-Zone)	III
56	Rahitha PR	Essay writing (Hindi) (D-Zone)	I
57	Greeshma K	Story writing (Hindi) (D-Zone)	I
58	Jency CJ	Oppana (D-Zone)	II
59	Vineetha	Oppana (D-Zone)	II
60	Nithya K.J	Oppana (D-Zone)	II
61	Aiswarya K	Oppana (D-Zone)	II
62	Nikhila PV	Oppana (D-Zone)	II
63	Thanha Riswana	Oppana (D-Zone)	II
64	Vrindha AS	Oppana (D-Zone)	II
65	Natiya KN	Oppana (D-Zone)	II
66	Haima Raj	Oppana (D-Zone)	II
67	Anu Sreenivas	Oppana (D-Zone)	II
68	Aiswarya Das A	Essay writing (Malayalam) (D-Zone)	III
69	Swagath KB	General Quiz(D-Zone)	II
70	Gokul Das	General Quiz(D-Zone)	II
71	Ajeesh AK	General Quiz(D-Zone)	II
72	Jayesh Raj K	Poorakali(D-Zone)	III
73	Adarsh VS	Poorakali(D-Zone)	III
74	Akshay Kumar VK	Poorakali(D-Zone)	III
75	Abhishek P	Poorakali(D-Zone)	III
76	Anand R	Poorakali(D-Zone)	III
77	Abhimanyu VK	Poorakali(D-Zone)	III
78	Sarath Kumar PS	Poorakali(D-Zone)	III
79	Swagath KB	Poorakali(D-Zone)	III
80	Sachin KV	Poorakali(D-Zone)	III
81	Jasal Mubaraq P	Poorakali(D-Zone)	III
82	Vysakh KM	Poorakali(D-Zone)	III
83	Suryamol KA	Embroidary(D-Zone)	III

84	Praveen Kumar K	Elocution Sanskrit & Malayalam (D-Zone)	I
85	Saji Subramanian	Sushira Vadyam(D-Zone)	III
86	Vivek K	Chendamelam&Thayambaka(D-Zone)	I
87	Indu K	Versification(D-Zone)	I
2014-2015			
1	Neenu Krishna	Mohiniattam &Thiruvathirakali(D-Zone)	II
2	Vivek A	Chendamelam &Thayambaka (D-Zone)	I
3	Niran	Mime (D-Zone)	II
4	Rakesh.P	Drama (D-Zone)	Best Actor
5	Jayakrishnan C.P	Maddalam & Chendamelam (D-Zone)	I
6	Sanith M.S	Panchavadyam(D-Zone)	A-Grade
7	Sanith.MS	Nadanpattu (D-Zone)	A-Grade
8	Pooja .P	English Drama(D-Zone)	III
9	Sreejith PS	Hindi Drama (D-Zone)	III
10	Rahana	Oppana(D-Zone)	III
11	Sreelakshmi	Oppana(D-Zone)	III
12	Lasima Shirin	Oppana(D-Zone)	III
13	Anu	Oppana(D-Zone)	III
14	Alna	Oppana(D-Zone)	III
15	Thanha	Oppana(D-Zone)	III
16	Vineetha	Oppana(D-Zone)	III
17	Sukh Dev	Hindi Drama(D-Zone)	III
18	Akash.P	Hindi Drama(D-Zone)	III
19	Anjali T.L	Hindi Drama(D-Zone)	III
20	Athira	Hindi Drama(D-Zone)	
21	Sudbush	Hindi Drama(D-Zone)	
22	Jathved Rajan	Hindi Drama(D-Zone)	
23	Ajay PA	Hindi Drama(D-Zone)	I
24	Shahanas KS	Urdu Story writing (D-Zone)	I
25	Ananthu	Vattapattu(D-Zone)	
26	Sachin Mohan	Vattapattu(D-Zone)	
27	Shabir	Vattapattu(D-Zone)	
28	Shahanas KS	Urdu Poem writing (D-Zone)	III
2013-2014			
1	Muhammed Hashim KK	Dhaf Mutt,aravana &Vattapattu(D-Zone)	I
2	Mahendra K Mohan	Dhaf Mutt,arabana &Vattapattu(D-Zone)	I
3	Mohamm Sadik NK	Dhaf Mutt,arabana &Vattapattu(D-Zone)	I
4	Jayakrishnan C P	Maddalam,Thayambaka&Chendamelam (D-Zone)	I
5	Krishnaprasad P	Maddalam,Thayambaka&Chendamelam (D-Zone)	I
6	Sanith MS	Panchavadyam (D-Zone)	A-Grade
2012-2013			

1	Jayakrishnan C P	Maddalam,Thayambaka&Chendamelam (D-Zone)	I
2	Krishnaprasad P	Thayambaka,Chendamelam (D-Zone)	I
3	Arundev CS	Poster competition	III

Extra-curricular activities

2012-13

- Aromal Pramod secured Best Volunteer Award (NSS) and participated in RD (Republic Day) Camp
- Krishnapriya K.M. (NSS volunteers) participated in the Republic Day parade at New Delhi
- *Alssyn K Benny was elected as the Best Actor in the Janatheri Theatre Fest
- *Muhammed Rifayin V.P. bagged first prize in Senior Quiz, versification, and story writing conducted by Kerala state Sunni Students Federation Sahityolsav
- *Muhammed Rifayin got first prize in Sport Magazine Competition and participated in Neighbourhood Youth Parliament and training of peace volunteers conducted by Nehru Yuvakendara, Thrissur.
- *Abini M.P. second prize in pencil drawing
- *SD-23 &SW-20 attended CATC at GHSS, Cheruthuruthi
- *Rajeev R, Nithin Krishna.K, Muhammed Shefil E.K., Soorya V.S. and Sreepriya P.M. attended RD mini camp
- *Rajeev R. and Nithin Krishna K.A. attended PRE-IGC (Integration Camp) & IGC (Integration Camp) at Pangod Regiment
- *Rajeev R. attended PRE-RDC1 (Republic Day) at Pangod regiment Trivandrum
- *Nandagopan G. and Ulsavdas CP attended NIC (Integration Camp),UP, Meerut
- *Pranav G.R. and Rahul K.R. attended B L C at Wardha, Maharashtra
- *Rajiv R, Nithin Krishna K, Muhammed Shefil E.K., Soorya V.S. and Sreepriya P.M. attended RD Capsule Camp
- *SD-3& SW-5 attended CATC (Combined Annual Training Camp) at Peramangalam
- *SD-10& SW-10 attended CATC at Christ College, Irinjalakuda
- Mahesh Mohan and Akhil T.V. (NSS volunteers) got third prize in programme, Suvarnakalari conducted at Jyothi College, Irinjalakuda

2013-14

- *Nebil got selected as the Heavy weight champion for the karate tournament organized by the Karate Association of India
- *Aromal Pramod (NSS Volunteer) participated in the Pre-RD Camp and RD Camp at Delhi
- *Linsha mol (NSS Volunteer) attended the Pre-RD Camp held at Coimbatore
- *Rahul got second runner up prize for cricket competition held in the Keralolsavam
- *Midhil K. Dileep, Rajeev KR, Reshma S and Anjaly V attended TSC (Tal Sainik Camp) at S.S College, Kalady
- Midhil K. Dileep and Reshma S attended TSC (Tal Sainik Camp) at Naval base, Cochin
- Midhil K. Dileep and Reshma S attended PRE-IGC (Integration Camp) at UC, College ,Aluva

- Reshma S. attended TSC (Tal Sainik Camp) -IGC (Integration Camp) at Kozhikode
- *Rakesh V.P., Sarath Raj K, Rajeesh K.R., Sreeraj P.M. and Jithin P.P. attended AAC at Pangod Regiment Trivandrum
- *Maneesha K.V. secured second prize in essay writing competition conducted by the Mundassery Smaraka Trust
- *Reshma S. attended NIC(National Integration Camp) at Mumbai, Maharashtra
- *Akhil Das K.V., Shyamjith V.R., Sukanya Sreedharan and Soorya P.R. attended TSC (Tal Sainik Camp) at M E S College, Marampally
- *SD-5 &SW-6 attended combined CATC (Combined Annual Training Camp) at AIHSS, Padoor
- Akhil Das K.V, Shyamjith V.R. and Sukanya Sreedharan attended TSC (Tal Sainik Camp) at Sree Sankara College, Kalady
- *ShyamjithV.R. attended TSC(Tal Sainik Camp) at U.C College, Aluva
- *Nebil secured Black Belt in Shotokan Carate
- *Libas got selected as MR. THRISSUR-Runner Up in the body building competition
- *Joon secured first prize in Quiz competition held in St.Sebastain's church,Chemmannoor

- **2014-15**
- *Gokul A and Gregory Sam Wilson secured first prize in All Kerala Quiz Competition held at BIMS
- *Amutha K.S., Gokul A, Gregory Sam Wilson, Sreelakshmi V, Aravind Menon, Salman Faris, Shefeeque, Sreelakshmi Mohan, Nithin, Ajmal Khan and Salma participated in the management meet organized by the Nehru School of Management
- *Gokul A and Gregory Sam Wilson participated in the Inter collegiate quiz competition held in the Vidya Academy of Science and Technology
- *Amrutha K.S. Gokul A., Gregory Sam Wilson, Sreelakshmi V, Aravind Menon, Ajay Krishnan, Unni Krishnan and Hari Krishnan participated in the best management team conducted by the Institute of Management and Technology and got first prize in treasure hunt
- *Athira U. got selected as the Best Actress in Keralolsavam
- *Gokul A. and Gregory Sam Wilson secured second prize in the Tableau competition in the Government Engineering college
- *SD-1 to 10 and SW-6 to 10 attended CATC at MTI, Thrissur
- *Ram Pandey and Sajeesh KS attended NIC (National Integration Camp)
- *Akash Sudarjanan attended IMA at Dehradun Jharkhand
- *SD-3 attended CATC (Combined Annual Training Camp) in KPA Ramavarmapuram,Thrissur
- *Mahesh U. participated in the trekking camp at Malayatoor
- *Arjun C.R.K. attended RDC and NIC held at Delhi and Rajasthan
- *Jyothilakshmi M.A. participated in Keralolsavam (district junior) and secured first place in Throw ball, third place in 4x100 mtr relay and third place in4x400 mtr relay (state junior)
- Jyothilakshmi M.A. represented Guruvayur municipality in Keralolsavam and got second prize in long jump, second prize in high jump and first prize in triple jump

- *Aiswarya das secured first prize in 100m, 200m and 400m race in Keralolsavam (municipality level, district level)
- *Aiswarya das secured second prize in 100m and 200m race in Keralolsavam (state level)

- **2015-16**
- *Arjun C.R.K. was appointed as QTR Guard at National Integration Camp, Udaipur, represented NCC directorate at the annual NCC Republic Day Camp and the Prime minister's rally held at New Delhi.
- Lakshmi Aiswarya participated in the National Integration Camp at Chitkara University
- *Haritha Haridasan and Amrutha Sudhakar secured fourth place in the Inter collegiate quiz competition conducted in MES College, Ponnani
- *Jyothilakshmi M.A. secured first prize in long jump, first prize in high jump, second prize in triple jump in Keralolsavam (district level)
- *Sruthy T.S. and Sarika N got first place in Inter Collegiate Quiz-Sadas Sahityavedi
- Jyothilakshmi M.A. Participated in Keralolsavam (state level) and got third prize in High jump. Gokul A and Gregory Sam Wilson Second prize, powerpoint presentation
- Anakha C.P. participated in the Pre RD (Republic Day) parade at Pangod Military Station, TVM and national integration camp, Kerala at Kozhikode.
- *Anjana P. Vinod participated in the NCC National Integration Camp at Varanasi
- Varsha Venugopal and Sreenath P K got consolation prize for International Year of Light
- *Aiswarya das secure first prize in Essay writing, Malayalam (Keralolsavam)
- *Visakh U V got second place in Daff muttu (Keralolsavam)
- Arun prakash, Ankith, and Sree Raj participated in (MACFAST) Science fair
- *Parvathy.P first prize in Malayalam elocution organized by Mythri Association, Guruvayur
- *SD-7 and SW-5 attended CATC (Combined Annual Training Camp) Chaldean Syrian Church Higher Secondary School, Thrissur.
- *Sreejith Bhargavan N M participated in trekking camp held at Amarkantak
- *Anjaly T.L. attended NIC (National Integration Camp) at Meerut, Uthar Pradesh
- *Gokul Prasad V.P. attended BLC held at Vaikom
- *SD-21 &SW-18 attended CATC at Christ College, Irinjalakuda
- *Anakha C.P. participated in PRE-IGC &IGC at KPA, Ramavarmapuram, Thrissur
- *Aswani A attended NIC at Maharashtra
- *Anakha C.P. attended PRE-RD-1 at Pangod Regiment, Trivandrum
- Anakha C.P. attended NIC at Kozhikode
- *Sreejith Bhargavan M, Akshay Prasannan, Donald E.V. & Renjth A.K. attended AAC (Army Attachment Camp) Pangod Regiment, Trivandrum
- *Gokul T.S. & Gokul A.S. attended TSC (Tal Sainik Camp) at Cochin Refinery School
- *SD-1 &SW-3 participated CATC at Union Higher Secondary School, Mambra
- *Gokul A.S attended in TSC (Tal Sainik Camp) at Union Christian College, Aluva
- *SD-16& SW-11 attended CATC at Nehru College, Pambadi
- *Noorunnisa P.A. attended NIC at Pattanakkad SCUGVHSS School, Alapuzha
- *Sreejith Bhargavan attended Basic Mountaineering Camp at West Bengal
- *SD-3& SW-13 attended CATC at GHSS Cheruthuruthi

- *Anjana P. Vinod and Gokul A.S. attended the NIC (National Integration Camp) at Varanasi, Utharpradesh
- *Sreejith Bhargavan M and Prathyush K.P. participated in IGC and CATC at KPA (Kerala Police Academy), Ramavarmapuram, Thrissur
- *Prathyush K.P. participated in PRE-RD-1 in KPA (Kerala Police Academy), Ramavarmapuram, Thrissr
- *Sijisha K.S. first prize in single dance (Keralolsavam Panchayath level)
- *Athira E.P. (NSS volunteer) attended National Youth Festival at Rohtak, Haryana
- *Aiswarya Lakshmi (NSS volunteer) attended National Integration Camp, Himachalpradesh

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

Feedbacks and suggestions are collected every year through a well prepared questionnaire in order to enhance the campus infrastructure, teaching quality, student–teacher interaction and academic and non–academic programmes. The PTA meetings and Alumni meetings also minute the suggestions of the members for infrastructure development. The Principal communicates these suggestions to the management, which takes necessary measures for implementing the suggestions. A Suggestion and Feedback Box is kept in the college for the local public to offer suggestions for the development of the College. The suggestions and feedbacks are discussed and actions are taken accordingly to provide the best service and to bring the campus to its best potential. A link is provided in the official website of the college to collect employer’s feedback on the performance of our former 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 five academic sessions

Fine arts club and Readers club have taken special care to encourage initiatives of students and to publish their articles in college annual magazine and other publications. The various publications/manuscripts from our college are listed below.

Sl No	Department	Name of Manuscripts/ Publication/ Wall Magazine
1.	History	Smrithi
2.	Economics	Beginning
3	Functional English	Vocadle Fiesta Chaos of Letters
4.	Malayalam	Spandanam
5.	Mathematics	Plus or Minus
6.	English	Mazhavithukal Magic casement (Department Blog)
7.	Sanskrit	Samskritavykhari

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 college union, which is a unifying force that brings together students, faculty, staff and alumni. It provides a forum of divergent viewpoints. The office bearers, except the president and staff advisor, are all elected students. The election procedure to the college union is presidential in which all regular students are eligible to cast their vote. The student candidate should in no event have any academic arrears in University Examinations in the year of contesting the election. Also he/she should have attained the minimum 75 % percentage of attendance to contest in the union election. The college union comprises of the following officers.

- * The President of the Union (Principal of the college ex-officio)
- * The Chairman
- * The Vice Chairman
- * The Secretary
- * The Joint Secretary
- * Councilors to the Calicut University
- * The Secretary, Fine Arts Club
- * The Chief Editor of the College Magazine
- * General Captain (Sports & Games)
- * The Staff Advisor/Treasurer nominated by the president (with no vote)
- * The secretary of each of the various (main subject wise) College Associations
- * One representative each of I DC, II DC and III DC for each year elected by the students of the respective classes and one P.G. representative elected by all P.G students.

The post of Vice-Chairman and the joint secretary is reserved for girls. If girl students are not willing to contest in the election these offices shall be kept vacant.

The main activity of college union is to organize the social, cultural, educational and recreational activities and to work for the general welfare of the students. The Chairman presides over all the meeting of the Union council and guides the activities of the Union. The secretary issue notices of the meetings and functions of the Union and keep the minutes of the meetings. He/She is the custodian of all the records relating to the Union. The two elected union councilors represent the college union in the University Union and eligible to be elected as office bearers of the University Union. The Chief Student Editor of the Magazine Committee is responsible for the publication of the College Annual. The Secretary Fine Arts organizes the cultural activities and functions, and the General Captain is for the functioning of Sports & Games.

The College Union organizes Union Inauguration and plays a crucial role in arts festival, extra-curricular activities, and sports meets. Training for the participation of students on D-zone, Inter-Zone, etc are provided with the help and financial assistance of PTA.

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

The participation of student representatives in the academic and administrative bodies effectively conveys the grievances of student community. Students are made aware about the redressal of their grievances, good practices and activities through the representatives, which helps the smooth functioning of the college.

College Union:

The office bearers, except the president and staff advisor, are all elected students.

IQAC (Internal Quality Assurance Cell):

The IQAC comprises representative from college union, PG students and research scholars. The quality sustenance and quality improvement in teaching research and administration is maintained with the support of these student members. The needs and requirements of student community are regularly conveyed by these members. They make suggestions regarding improvement in teaching learning process, day-to-day facilities like library and canteen services, examination system, etc, which help to analyze the feedback received from students and to create a learner-centric environment.

The various committees, cells and clubs also consist of student members for the effective convey of their needs and requirements. The association secretaries of various departmental associations are elected students, who coordinate and organize the association programmes and activities. The following administrative bodies have students' representation.

- * All Departmental Associations
- * Discipline Committee
- * Magazine –Committee
- * Committee Against Sexual Harassment
- * Anti-Ragging Cell
- * Bio-Diversity Club
- * Entrepreneurial Development Club
- *Department clubs (Reader's Club, Theatre Club etc)

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

Our alumni association KRISP arranges regular meetings every year on July 18th. The alumni consist of distinguished personalities from various walks of life. Some eminent members, who have contributed to the social, cultural, academic and political life of the state, are selected and honored in every annual get together. Prizes are distributed to rank holders of that particular year and the accounts are presented and passed. Executive committee is reconstituted in every year. Our former students drop in often to meet us and share their experiences at their place of work/study. They greet us on Teacher's Day and other special days. Students who have settled abroad visit the departments occasionally and constantly interact with them through social media. The institution utilizes the expertise and potential of the alumni and retired faculties in the academic and non- academic development of the college. Every academic year the third Saturday of March is for honoring our retiring staff members, on that day a special get together is arranged with the present faculty and a session exclusively for the retired staff is also arranged. This will help the new members of our faculty to interact with the former members and to understand the good old culture of our college.

For every important gathering of our college alumni is invited and they actively participate in the college developmental projects. Alumni and retired faculties extend financial support to the students and institution. The retired faculties and alumni institute scholarships and endowments for our students. The academic excellences of our retired faculties are utilized. They are invited to give enriching talks and orientation classes to our students.

CRITERION VI
GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 Institutional Vision and Leadership

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

Vision

- *To empower our students to seize the opportunities of tomorrow and to groom them into responsible citizens of India.*
- *To facilitate the continuous improvement in the quality and competence of our faculty and staff.*
- *To contribute our best to the enhancement of the quality of life of the community around us.*

Mission

- 1 *To inculcate the importance of values in the students*
- 2 *To nurture an attitude of inclusiveness and acceptance of heterogeneity*
- 3 *To enlighten the students on protection of environmental sustainability and conservation of ecosystem*

Motto

"Thamaso ma jyothirgamaya" is the motto of the institution which means "lead me from darkness to light". Knowledge is the only way to get out of the darkness of ignorance. Most important system to acquire knowledge is through good education grounded on human values and morality. The college pledge to keep up with its motto.

Objectives

1. To impart knowledge in an unbiased and judicious manner which accords equal importance to every student
2. To inspire the students to reach higher echelons of learning by whetting their appetite for knowledge
3. To equip the students to face the challenges of life and to foster in them a sense of dignity and grace.
4. To encourage students to question, argue and debate
5. To direct the students towards empathy and selflessness in all their activities.
6. To instil in students a deep sense of national pride.
7. To mould the students in a manner to make them realise their social responsibility and equip them to make contributions towards the community around.
8. To facilitate all-round development of students by giving due importance to sports and arts.
9. To enable the students to translate the knowledge imbibed in the classroom into meaningful life-skills at a later stage.

While emphasizing on the achievement of the Vision, Mission and objectives the Management Staff and students are committed to quality of education. The College provides all necessary platforms for the students to make them more competitive. The College makes sure

that the faculty is periodically oriented with the values of education. The completion of the curriculum on proper time is ensured and continuous assessments are made. Evaluation of results of each student is followed by discussion of their progress with the parents. They are given enough chances to improve their performance through remedial coaching, Scholar Support Programme etc.

To prepare the students for better tomorrow we give them competitive examination coaching, career guidance, personality development classes and so on. The NSS and NCC units are strong enough to inculcate the social values and commitment among the students. The primary importance of the College is to mould socially responsible citizens of tomorrow. The College carries a variety of social extension activities wherein the resident of the locality are actively involved.

The motto of the College is to build a student community who are socially committed. All centres of learning focus on socialization of education. Sree Krishna College structured on the hopes and aspiration of the people. It forms a microcosm of the society.

The college was established in 1964 to cater to the needs of the rural Ariyannur and its adjacent places. Needless to say the students come from economically and socially disadvantaged sections of the society. Naturally the perceptions of the institutions are shaped in such a way that the strong sense of social commitment directs its ventures and moulds its goals. Social upliftment through a value based system of learning forms the core of our institution's past present and future activities. The NCC, NSS, the placement cell, the PTA, the alumni association and various other bodies of the college strive towards achieving the goal of the betterment of the society.

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

Quality Policy of the Institution

The quality policies of the College are the following:

- ❖ ***To develop the competencies required for meeting the challenges of life and to lead a happy and contented life.***
- ❖ ***To give value based education for all***
- ❖ ***To develop social commitment among students***
- ❖ ***To empower rural women to cater to the needs of the society***

The existence and welfare of every society depends on the socialization of education at all levels and Sree Krishna College, like any ideal educational institution is structured upon the hopes and aspirations of people.

The College has well stated quality policies for providing ideal teaching learning environment and to inculcate research aptitude among students. The progress of the students is continuously evaluated and changes are made wherever and whenever necessary.

The College promotes programmes that enhance global competencies of the budding talents. The objective is to create rational and socially committed citizens. The college is established in vast 32 acres of land and the objective of the College is to make a green campus and the efforts done in this direction by the students, staff and management are materializing, in the midst of so many limitations like rocky soil, water scarcity, two months summer vacation etc.

Role of Top Management

Initially the college was under the Sree Krishna Educational Society. In 1976 this society was dissolved and the College started functioning under the GuruvayurDewasom Educational Society which was formally registered in the same year. The management committee of GuruvayurDewasom comprises of nine vibrant and responsible members out of which six are directly nominated by the state government. The remaining three members are permanent and belong to Zamorine family, Mullasserimana, and the Thanthri of the temple, who are traditionally involved in the administration of GuruvayurDevaswom. Hence, a very secular and democratic environment is guaranteed in all the educational ventures of the GuruvayurDewasom which is reflected in the high academic profile of the faculty of the college.

The management committee is also very particular and keen in providing necessary infrastructure for enhancing quality of education of the College. The representatives of the management frequently visit the college to monitor its proper functioning and recommend for improvement.

The Principal

The college has a very dynamic and enthusiastic Principal who makes suitable policies for implementation of the targets that has to be achieved, both academic and non academic. He supports wholeheartedly the various social extension activities along with those oriented towards the improvement of the curriculum. Every academic year starts with a well structured year plan. The Principal upholds the excellence of the College by

- Guarantying smooth conduct of all official procedures of the College.
- Pilots the faculty members to prepare a year plan of the curricular and co-curricular activities of the College at the beginning of every academic year.
- Judicious allotment of workload by constituting different committees, clubs for the smooth functioning of the system.
- Constant supervision of the committees.
- Generate an atmosphere for the multifaceted development of students
- Supports all the best and innovative practices for the overall development of the students
- Maintaining a research friendly atmosphere
- Motivating faculty and staff for improving their quality and subject competence.
- Incorporating latest technology based teaching learning
- Generously interact with the stakeholders for the betterment of the system
- Taking initiatives for promoting social commitment of the College

Faculty

A team of exceptionally qualified faculty adds to the strength of the institution. Fifty percent of the faculty has Doctoral degree and around forty percent are qualified with M Phil degree. There are also faculty members who have done Post-Doctoral works in internationally accredited Universities like Origen, State University of USA, State University of New Jersey (Rutgers University). One of the faculties has been selected by the Higher Education department, Government of Kerala for International Internship in the University of Derby, UK, after a

rigorous selection from the college teachers across the state. As the faculty members have high degree of research orientation it is possible to create a bend of mind towards research among students. The following table shows the awards and honours that the faculty received in the last five years.

Table 6.1 Awards and Honours

Sl No	Name of faculty	Department	Period	Collaborating University
1	Dr Rajesh K R	Physics	Dec 2013 – Dec 2014	Department of Physics, Oregon State University
2	Dr.Jayasankar M.	Chemistry	June 2016 – June 2017	Department of Chemistry State University of NewJersy
3	DrAmbili K	Economics	Feb2016- march 2016	University of Derby, UK

Research awards received by the faculty

- ❖ **Dr. Udayan P. S., Assistant Professor, Department of Botany**, was awarded the Fellowship of Indian Angiosperm Taxonomy (FIAT) on Plant Taxonomy in 2013 for his outstanding scientific contributions in Taxonomical research. This award is one of the prestigious awards in the field of Taxonomy and the award is jpitly organized by Indian Association of Angiosperm taxonomy and International Association of Angiosperm taxonomy.
- ❖ **Dr. Udayan P.S. got best paper award** for the paper entitled”*Morphological and Taxonomical Studies on Eight Species of Salacia L*” in the **National Seminar** on Flowering Plant Reproduction & Diversity, Post Graduate Department of Botany, Fatima Mata National College, Kollam, Kerala 9th to 10th January **2015**
- ❖ **Two faculty members (Dr. Rajesh K. R., Assistant Professor, Department of Physics and Dr. Jayasankar M., Assistant Professor, Department of Chemistry)** were awarded Indo-US Raman post-doctoral fellowships in 2013 and 2016.

(b) Recognition received by the faculty from reputed professional bodies and agencies, nationally and internationally

- ❖ **Dr.Udayan P.S. secured the Dr. Abdul KalamLife Time Achievement National Award for Teaching, Research and Publications** from International College for Social and Economic Reforms (R), Bangalore at Entertainment Society of Goa, Maquinez Palace, Champal, Panaji, Goa on 06th December 2015
- ❖ **Prof. K. Ravindranath**, our former Principal and was appointed as **Pro-Vice Chancellor of the University of Calicut** in the year **2011** and he continued his service in the same post till 2015.
- ❖ **Dr. Mohan**, anotherformer faculty of our college, was appointed **Pro-Vice Chancellor of the University of Calicut in 2015**

- ❖ **Dr.Sudha E. K., Assistant Professor, Department of Sanskrit was awarded as the best teacher in Calicut University (Sadguru Award) in 2014.**
 - ❖ **Dr. Ambili K., Assistant Professor, Department of Economics, got FLAIR International Internship at University of Derby, England in 2016.**
 - ❖ **Dr. Lakshmi Sankar, Assistant Professor, Department of Sanskrit, got Dr. SuvarnaNalappatSapthathi Award for the contribution in the field of Indian Philosophical Studies in 2016.** This award is organized by Dr. SuvarnaNalappat Trust which is a registered organization for the promotion of Indian Culture.
- The College has two research departments and four faculty members have guideship under the University of Calicut. A total number of four students are doing research under these faculties.

Table 6.2. Research Guideship

Sl no:	Name of research Guide	Department	Universities which have approved guide ship
1	Dr.Udayan P.S.	Botany	Calicut, Bharathiyar, Kannur and Bangalore (Interdisciplinary)
2	Dr.Harinarayanan M. K.	Botany	Calicut
3	Dr.Rajesh K R	Physics	Calicut
4	Dr.Vishnu R	Physics	Calicut
5	Dr. Lakshmi Sankar	Sanskrit	AmrithaViswavidyapeedham, Amritha University (Co Guide)

The faculty is also committed towards timely accomplishment of the academic and non academic year plan under the proper guidance of the Principal. The responsibilities are uniformly distributed among the faculty which is very well taken care of. A strong staff club works for the welfare of the staff and maintain harmony among the staff community irrespective of teaching and nonteaching.

The faculty members keep a diary for self evaluation to record the teaching notes and to give a detailed description of the academic activities of the faculty.

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

The IQAC takes initiatives of major activities of the college. The IQAC keeps record of all the activities done by the college both curricular and extracurricular activities. Each department makes an action plan and it will be discussed in the council meetings. This will be approved by the IQAC and the council.

- An action plan is prepared by the IQAC and a regular check of all departments activities have been done under the auspicious of IQAC.
- Improving library facilities every year by purchasing books for all disciplines. A rigorous attempt is planned and executed for automation of library. The departments have their own library and the books have been issued for students by the concerned faculty.

- The financial matters are directly under the control of Principal and the management of fund utilization is done under the supervision of IQAC.
- The continuous evaluation of students is done under the supervision of department heads and the heads are directed to submit an evaluation report to the Principal. The progress of the students have been evaluated by comparing their percentage of marks at the time of joining the College with that of their present results..
- Semester wise result analysis is been conducted at the department level and remedial coaching and special mentoring sessions have been given to the needy students
- Encourages the staff members to participate in various seminars and workshops to update their knowledge, improving the teaching methods and so on.
- Proper documentation of the academic records and achievements of the faculty is done at the department level and submit a copy to the IQAC..
- The stake holders are informed all the major activities of the college.

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

The management extends unlimited support to faculty members whereby they can easily improve the quality in their academic profile by attending orientations, workshops, seminars and refresher courses. The management takes initiatives to sanction any programme which gives an opportunity to improve the quality of teaching and learning. Any innovative and constructive step by faculty is encouraged and necessary financial aid is provided without much delay.

The management is very ardent in maintaining unity and integrity among the staff and students of the college which helps to put up a very peaceful teaching learning and research environment in the campus. The selection of the staff, including guest faculty is conducted by the management along with the Principal and Government nominee. The process of the interview is very transparent starting from the scrutiny of the applications to the selection of the candidates, which is evident from the high academic profile of the faculty and staff. The management is very keen in maintaining the discipline of staff in the college.

The GuruvayurDevaswom possesses a magnificent library at Guruvayur, which is open for the faculty and students and promotes a research culture in the campus. The management has initiated “Sanskrit Scholarship” for all students of Sanskrit department since inception of the College, under which the tuition fee of the Sanskrit main students are remitted by the Management . The management incorporates faculty and students in the seminars and workshops conducted by them. The management used to invite the faculty members as judges for the programmes conducted by Devaswom. They also provide a platform for the students to participate in the cultural programmes being organized by the Devaswom.

6.1.6 How does the College groom leadership at various levels?

The following are the steps taken by the college to groom leadership at various levels.

Faculty and students

- Promotes ICT enabled teaching and learning which gives a platform for both teachers and students, to be competitive.
- Gives enough space for self learning and peer teaching, which enables the students to evaluate themselves and devise strategies to reach the top at various levels
- Department of English Magic casement, a blog started to initiate interactive teaching.

- Supports activity oriented teaching and assessment. The Economics department has conducted activity oriented assessment methods like case study, online tests etc.
- Provide unique opportunities to harness the true potential of the students. The students are coordinating various non academic activities like D Zone, cultural fests, talks, debates etc which gives them enough opportunities to establish themselves.
- Takes initiatives to bring together different stakeholders in one platform to discuss various aspects related to the improvement of quality. The policies of the College are communicated with the stakeholders like parents, students, industrialists, the locality etc.
- A strong student union is an evidence for the steps taken by higher authority in bringing up leadership quality among students.
- Student representation and participation is ensured in committees like IQAC, College Magazine, Students' grievance cell, Discipline Committee etc, to help them develop administrative and organizing ability.
- Personality development classes have been given to students by invited experts of various fields. To site an example, Dr V K Vijayakumar, Mr Praveen Kumar etc have come to the College to interact and develop the students' capacities of students.
- The teaching, learning methodology is being revamped based on the feedback collected from the students and stakeholders to make up deficiencies and for updating.
- Active participation of students in Arts Festival, D-zone and Inter zone is encouraged and the prize winners are honoured.
- Persuade students to participate in leadership meets. The Career and Placement cell encourages students to participate in the various programmes and to develop their leadership qualities.
- The sports activities are encouraged by the management by providing financial aid for the development of sports infrastructure and equipment.

6.1.7 How does the College delegate authority and provide operational autonomy to the Departments, units of the institution and work towards decentralized governance system?

The college has thirteen departments out of which four are PG departments and two are research centers. Necessary measures are being taken by the PG Department of Sanskrit to be elevated to a research centre under the University of Calicut.

The College Council consists of the Principal, Heads of the Departments, Elected representatives and Office Superintendent. The decisions on various issues regarding the college are discussed meticulously in the Council and the action plan evolved is administered at the department level by the concerned heads. There is an in house mechanism, comprising of the HOD and senior teachers, to address any emergencies arising in the department.

All the departments are given operational autonomy regarding work arrangement, assessments, and execution of different programmes aimed at the overall development of the department. The effectiveness of the de-centralisation is ensured by the supervision of the College Council, where all major issues are discussed.

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

The college strongly believes in participatory management as an effective tool for making the College as a centre of excellence. The programmes are conducted jointly by students and staff. Students are given an open platform to express their views and criticisms regarding any programme or actions taken by the management and the College council. The conveners of the different committees inform and discuss the action plans with the representatives of the student union and proper comments are being considered. The management shows keen interest in coordinating and participating in celebrations of international, national, and regional importance. Management cultivates a feeling of togetherness by incorporating the PTA, retired staff, alumnae, and other stakeholders in the design and implementation of strategic plan. IQAC ensure the participatory management at all levels. The strategic plan is prepared at the beginning of each academic year by coordinating the views of all staff and the representatives of college union. This plan is then discussed with the management prior to finalization. The finalized plan is published in the website which can be viewed by all the stake holders and their valuable suggestions are taken into account.

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?

Yes, the College has a well stated quality policy which is as follows:

- ❖ ***To develop the competencies required for meeting the challenges of life and to lead a happy and contented life.***
- ❖ ***To give value based education for all***
- ❖ ***To develop social commitment among students***
- ❖ ***To empower rural women to cater to the needs of the society***

“ThamasomaJyothirgamaya” is the motto of the College which means ‘lead me from darkness to light’. Let me be guided from the darkness of ignorance to the light of knowledge, is the guiding principle of the college. The main quality policy of the institution is to develop the competencies required for meeting the challenges of life. Students are moulded to lead a value oriented, happy and contented life with purity in thoughts and deeds. This can only be attained through knowledge. Only such persons can enlighten the society around him.

The quality policy is well stated and planned. It is clearly communicated to the students in the induction programme for the freshers. It has been reviewed and made modifications from time to time, if necessary, by collecting opinions from the stakeholders. The management, teaching staff, non teaching staff and students adhere to the quality policy. In order to have social commitment among students, social brotherhood is developed in the campus. The college recognizes the students as the most important social asset and envisages a multi faceted development of the students, for making them catalyst in the development of the society.

The college gives importance not only to the academic excellence of students but also to their all round development so that a better future career is ensured to them, leading to a better tomorrow. They are trained in such a way to meet the challenges of the world. The quality

objective is always emphasized so that the members will have a holistic development. The Management, Principal and the teaching staff make it a point that the so called quality is being achieved, through the variety of policies being adopted in the college. The policies are always reviewed and modified by a group of resource persons constituted with the cooperation of the stake holders. The PTA has a very good role in revamping the quality policies of the college.

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

The Management has a well defined 'vision 2020' to make the educational institutions of GuruvayurDevaswom the centers of excellence. A proposal for both academic and infrastructure development has been prepared and submitted by the Principal on the basis of the recommendations of IQAC and now it is in the implementation stage. In the Academic plan, the College has proposed to begin seven B.A. courses and a variety of add on and certificate courses under each department, Upgradation of UG departments to PG level and conversion of three PG departments into research centers.

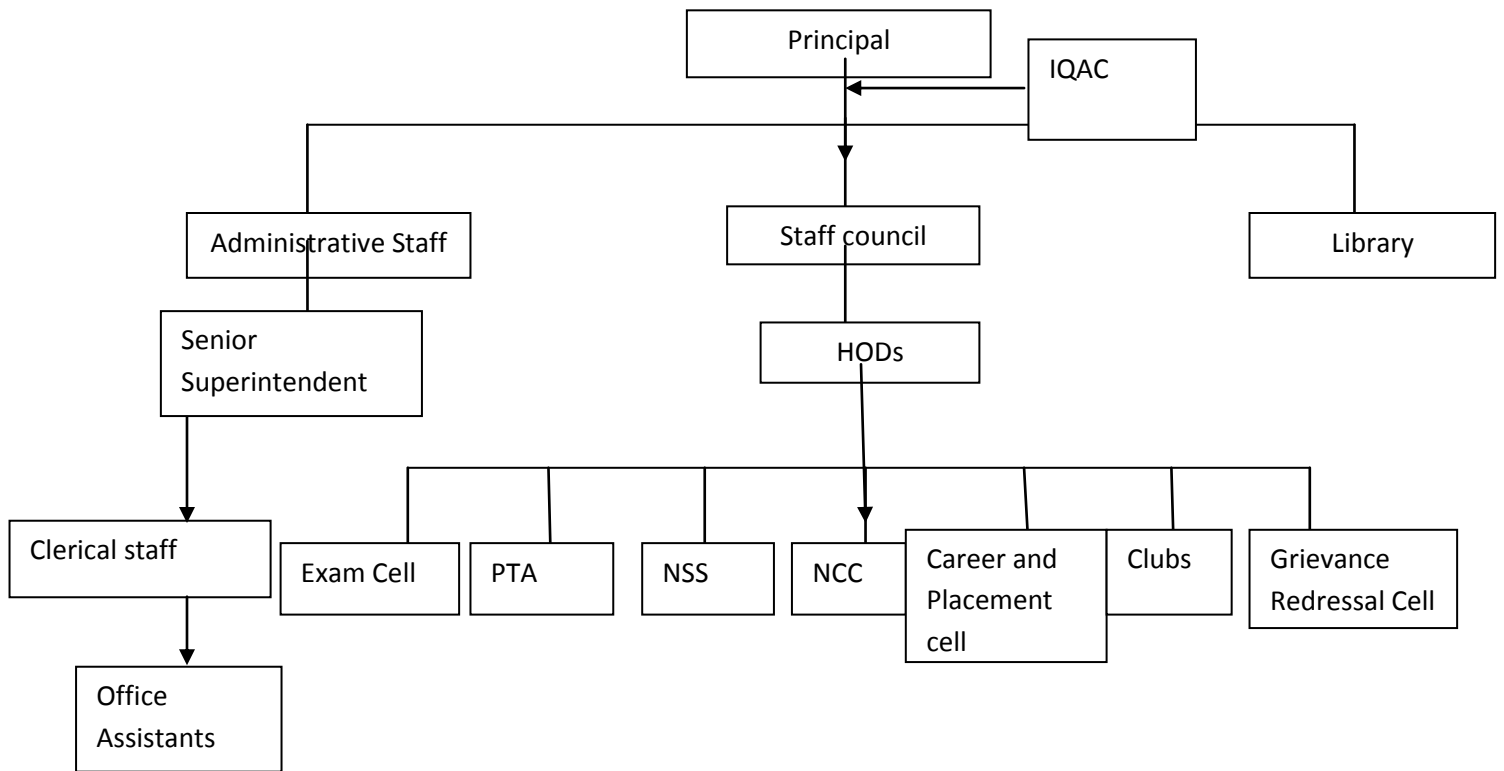
The infrastructure development plan consisting of:

- Centralizing the well maintained department libraries in a fully automated Central Library building, so as to provide a multi disciplinary approach to reading and learning.
- An excellent language laboratory is also included in the plan with sophisticated audio visual aids meeting the international standards.
- Renovation of all science laboratories is also under process.
- To enhance the use of renewable energy sources the college intends to make use of solar panels.
- The college has its own rainwater harvesting system and a new proposal has been moved to increase the capacity.
- A bio gas plant is also proposed at the campus under the guidance of the Department of Chemistry as part of waste management system.
- The Physical Education Department is renowned at the international level by the participation of students in Rio Olympics and to give an international exposure to the sports students the management is planning to construct a synthetic track. Now the college has a multi gym and planning to renovate the same.

6.2.3 Describe the internal organizational structure and decision making processes.

The College has a well structured organizational pattern for the smooth working of the system The Principal is the academic, administrative and financial head of the college and the Chairman of IQAC. IQAC oversees the internal quality assurance and enhancement. The management committee sponsors and coordinates the activities of the college. The College council plans and structures the activities of the college under the guidance of the Principal and always monitors the functioning of the system.

The College Union also plays a vital role in decision making with respect to the issues of students. The librarian ensures satisfactory utilization of internal library resources. The supportive staff in the office accelerates the college activities. They take care of the policies and methods to achieve the objective of quality education with social commitment.



Department Heads

The Heads of the departments give instructions to the fellow members and students for the smooth functioning of the system. For the quality assurance IQAC supervises each and every activity of the departments. The HOD has to implement the decisions being taken in the college council.

College office

The following is the structure of the office

Senior Superintendent

Senior Superintendent is responsible for the overall supervision of the office and maintaining the discipline in the office. She also takes care of UGC grants, arrangements for Audit and all other duties assigned by the Principal.

Head Account

The Head accountant takes charge of treasury dealings, Maintaining Cash book, PTA Accounts and any other duties assigned by the Principal

Clerks

They take care of salary and all other arrear bills of TS&NTS, fee collection, fee posting DFC DCB, matters related to examinations, e-grants, various scholarships, annual report etc

The Librarian (Grade I) assisted by Librarian (Grade IV) ensures the satisfactory dissemination of the intellectual resources.

The College Union is a dynamic organization through which the student community acts, expresses and matures

The Administrative Staff consisting of the Ministerial Staff, security personals play a major role in smoothening and accelerating the College activities.

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

I. Teaching Learning

a) Faculty quality improvement strategies

The main attraction of the College is that it gives maximum importance to the quality development of its faculty members. They are given enough freedom and space to improve. The management is very keen to provide orientation and workshops for the faculty members for updating and refreshing their knowledge area.

- ❖ Inspiring and encouraging young faculty members to attend refresher courses conducted by various Universities of the country
- ❖ To enable the faculty members for attaining international standards by participating in
 - Seminars, workshops, training programmes, coffee table discussions, etc
 - The faculty members boost their career by taking a multi-disciplinary approach
 - The academic atmosphere in the campus also adds to the enrichment of the faculty members.
- ❖ Most of the faculty members are also resource persons of other Universities and colleges, which facilitate the exchange of ideas and incorporation of them in our College.
- ❖ More than fifty percent of the faculty members have PhD degree and the rest are encouraged to do PhD.
- ❖ Those who have PhD are directed towards going for Post Doctoral Fellowships
- ❖ Constant interactions with famous academicians are always ensured.
- ❖ Faculty members are allowed to use e-learning platforms for further improvement in their field.

b) Students quality improvement strategies Academic and Non Academic

- ❖ At the time of admission, the students, along with their parents, interact with the Head of the Department and Senior faculty. In this meeting, the particular strengths and weaknesses of the students, the talents of the student in different fields, learning problems etc., are identified and recorded by the faculty.
- ❖ The Students are given an induction programme at the beginning of every year, in which the Vision, Mission and Objectives of the College, the disciplinary aspects, learning objectives and career prospects of the course are explained to the students.
- ❖ Bridge Courses are conducted to overcome the particular learning deficiencies of the students, identified at the time of admission and also to familiarize them with the equipments and safety measures in the Laboratories.
- ❖ Continuous evaluation of students has been done and the results are published on the notice board, as per the University norms. The slow learners are given special attention through remedial coaching or by peer teaching.

- ❖ The internal examination of all departments are scheduled and conducted under the direct control and supervision of the College Examination cell. The dates for publication of results are given by the examination cell.
- ❖ College has implemented Scholar Support Programme (SSP) and Walk with a scholar programme (WWS) funded by the Office of 'The New Initiatives of Government of Kerala' from the academic year 2013 onwards. The SSP is for giving special attention to slow learners and WWS is for empowering the best students
- ❖ Remedial coaching has been arranged for the marginalized students especially from SC and ST students.
- ❖ JEM and NET coaching is given to the PG students from the first year onwards.
- ❖ Counseling and Continuous mentoring is periodically conducted for students in the college for giving personal care for their overall development.
- ❖ External resource persons are invited to give workshops on motivation, leadership and personality development
- ❖ The students are encouraged for sports and arts activities.
- ❖ At the end of a programme, Exit Programme is conducted to evaluate the learning objectives achieved, curriculum delivery and to identify the deficiencies in the curriculum. A Finishing programme is conducted, if necessary, to augment for any deficiencies in the expected outcome. Necessary strategies are evolved for the next academic year, to improve the achievement of the learning objectives and for improving the curriculum delivery.
- ❖ Feedback from the stakeholders has been collected for further improvement of the working of the college.

II Research & Development

The college is maintaining a very good research ambience which motivates both students and faculty members to pursue research. Among the 51 permanent faculty members of our institution, 26 teachers have Ph.D and two other teachers have submitted their Ph.D thesis and are waiting for awarding the degree. The number of faculty members with M.Phil degree as highest qualification, is 6.

There is two research departments viz., Post Graduate departments of Botany and Physics. There are faculty members with PhD guide ship under various universities. Students are encouraged to do project works under the guidance of faculty members and are directed for further research.

Steps undertaken to promote research

- ❖ College has introduced a One-Teacher; One Project Programme. The objective of the programme is to enable all teachers to have at least one project (whether Major or Minor) of any Research Funding Agency, by March 2019. The Research Committee supervises the programme. Timely information and all other assistance are provided to the teachers to serve this end.
- ❖ For encouraging multidisciplinary research the teachers are given a chance to present and discuss their research area with the interested researchers. A research café is working under the Department of Economics for discussing and for having a multidisciplinary approach in various research areas. It comprises of faculty, students invited, experts, local people etc.

- ❖ Inspires the students as well as the faculty members for continuous research, through various measures like encouragement to submit project proposals, advancing the initial expenses from Seed Money Programme, giving inspirational talks from eminent scholars etc.
- ❖ The Research departments are given special attention for imparting research in teaching.
- ❖ Inspires the faculty members for taking up guide ships under various Universities. At present three faculties are approved guides for research.
- ❖ Two Faculties have post-doctoral fellowships and one faculty has international internship
- ❖ A very good record of publications by faculty members and PhD students

III Community engagement

The social commitment is the prime motive of the College. The college tries to involve community in its academic and non academic endeavors. The following are the main programmes opened to the community members so that the services offered to the student community is percolated to the society at large:-

Academic

Table 6.3 Certificate Courses

Sl No	Department	Name of the course	Course Objective	Employability
1	BIOCHEMISTRY	Health and Nutrition	To Understand and appreciate the importance of nutrition for human health with scientific social and ethical considerations.	Health Departments, Hospitals and related fields
2	BOTANY	Herbal medicine- Applications and Cultivation	To create an awareness of medicinal plants, traditional uses, conservation and to familiarize students with cultivation practices	Agro based opportunities and in the field of Ayurveda
3	CHEMISTRY	Cosmetics and Soaps	To upgrade knowledge and skills in the personal care.	Personal care sector
4	COMMERCE	An introduction to fundamentals of Accounting and Taxation	To Enhance skills in accounting and taxation	Business establishments and IT Sector
5	ECONOMICS	Digital Banking	To create awareness on ICT enabled Banking environment and create employability in financial markets	Banks and financial enterprises
6	ENGLISH	English for competitive Exams	To equip students with soft skills in competitive exams To equip students with verbal skills for competitive	All competitive exams

			exams. Employability- the majority 7of jobs require a knowledge of English	
7	FUNCTIONAL ENGLISH	SESP (Speaking English for Specific Purposes)	To develop confidence to respond in English during situations where the use of English is Imperative	Equip students to face public, a requirement for all job opportunities.
8	HISTORY	Heritage Studies	To equip students with a better understanding of society and historical processes. To enhance the spirit of locating and conserving ancient heritage sites.	Travel and Tourism, historical surveys, archeological establishments
9	MALAYALAM	Applied Language skills	Rigorous training leading to comprehensive language enhancement	Competitive exams
10	MATHEMATICS	Basics of Mathematics	To enhance skill in problem solving	Competitive exams
11	PHYSICAL EDUCATION	Gym Training	To improve health and fitness	Personal care sector
12	PHYSICS	Computer Basics	To impart basic knowledge about MS word, Excel, PowerPoint Presentations and the use of Internet	Basic to any kind of job requirements
13	SANSKRIT	Yoga- Internal awareness and Self- management	To impart basic principles of Yoga, holistic personality development and imparting life skills through Yoga practice.	Personal care sector
14	SANSKRIT	Desktop publishing in Devanagari	Desktop publishing in Devanagari script through ISM software	DTP Sanskrit
15	SANSKRIT	Spoken Sanskrit	To Learn Basic Ideas And Grammar For Simple Sanskrit Conversations And Understanding Sanskrit Slokas	
16	ZOOLOGY	Vermi Composting	To understand the methodology and applications of vermicomposting in agriculture	Agro based industries and related fields.

Non Academic (Details)

- ❖ The Women development cell has initiated various programmes for local people especially women on the following topics.
 - Health awareness class for housewives
 - Mother Wellness Programme
 - Elders Wellness Programme
 - Child Health Awareness Programme
 - KarkkidathileNaattarivukal: (A Programme intended to share the knowledge bequeathed by posterity which assumes prominence during the monsoon Malayalam month of Karkidakam.)
- ❖ Community Sports Development Programme (the local people are given a chance to use the College ground, Competitions are conducted to identify the dormant sports talents of the local people, yoga awareness class for local people) under the Physical education department.
- ❖ Vegetable cultivation (distribution of plants and seeds and class on best practices in cultivation)
- ❖ Entrepreneurial opportunities and skills for ladies in the locality (for e.g., class on Jewellery making to the local people)

Human resource management

A team of well qualified faculty members are our strength. They motivate the students in their academic and non academic endeavors and constantly monitor them for achieving better heights in their life. The students should be able to achieve various skills (like reading, writing, listening, questioning, critical thinking, time management, debating, group dynamics etc., and the values like social commitment, discipline, respecting fellow beings, humanity etc.) and the faculty are allocated and directed to help the students to achieve the same. The students are given support courses like bridge course, induction training, exit programme etc by the faculty. The IQAC and the College staff council allocate the faculty according to their field of expertise. The management is very keen in providing a best team of teachers through a very transparent recruitment process and it gives a very good chance for better management of human resource in the college.

Industry interaction

The faculty members of all the departments have formal and informal linkages with the following industries which contribute for enriching the academic profile of the college. Archeological survey of India, CWRDM Calicut, AmalaAyurvedic Research Centre Thrissur, Pollution Control Board Calicut, RGCB Thiruvananthapuram, G.TechKunnamkulam, EMMRC Calicut, COST FORD Ayyanthole, Sandeepanimathrubhavavanam, Keltron, Dept. Of Dairy Chemistry-Kerala Veterinary University Mannuthy, Spices Research Centre Chelambra, Calicut etc.

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

- ❖ The Head of the Institution (HOI) maintains a close relationship with the stake holders. He constantly keeps in touch with the Management to appraise them about the development requirements of the College (as revealed by the feedback from the stake holders) and take necessary steps to get sanction for their implementation. In case the approval of the Government is required, he takes necessary steps to expedite the approval.
- ❖ The HOI interacts with the parents of slow learners or poor achievers and gives them necessary instructions for improving their ward. Executive Committee of the PTA is convened for discussing the improvements in the activities of the college; both academic and non-academic. The Committee also provides financial assistance for emergency requirements of the students and the College, and also for the development of the talents of the students in arts, sports etc.
- ❖ HOI has a strong bond with the alumni associations both in India and abroad, as most of the active members of these associations are his former students. This helps the institution in conducting programmes in the college, so that the bondage of the alumni members during their college days is continued and strengthened. Alumnus occupying important positions are invited to the college to share their success stories with the present students to motivate them.
- ❖ HOI also interacts with the local people for getting their support for making the College one of the significant institutions in the locality and also for extending the programmes conducted in the college for the benefit of the members of the locality.
- ❖ HOI also interacts with the Local bodies, Government and non-government institutions to provide a linkage with them to be effectively used in times of any necessity.
- ❖ Annual report is prepared and presented in the College day function and is published in the College Magazine and Website. A copy of the report is sent to the Management to review the activities of the institution and for appropriate guidance.
- ❖ General PTA meetings are held to review the activities of the College and to discuss the academic and non academic issues of the College.
- ❖ Important events and activities are publicized through the newspapers, Visual Media and college website.

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 committee of GuruvayurDevaswom actively involves in all the academic and non academic activities of the College. The Permanent Member of the GuruvayurDevaswom Mananging Committee, Brahmasree Mallisery Parameswaran Namputhiripad is the representative of the Management, in the IQAC of the College, which reflect the attention taken by the management in the activities.
- ❖ The Management has also constituted a subcommittee for monitoring the activities of the College and to support the Principal and Staff in times of any crisis in the College. Eight are the present members of this subcommittee. The constitution of the committee is given as follows.

- Administrative Officer
 - Chairman
 - Two members from the management committee
 - Principal
 - IQAC Convener
 - NAAC Coordinator
 - CF&AO
- The Selection Committee constituted with the Chairman and Members of the Managing Committee apart from the other members, gives emphasis for selection of meritorious candidates to the Faculty and Administrative Staff.
 - The management committee members visit the campus periodically to analyze the working of the college. The faculty members are encouraged to attend seminars, workshops, Post-Doctoral Fellowship, International Internship etc., by facilitating the timely completion of the procedural formalities.
 - The Academic, sports, arts and cultural achievement of the students are appropriately honoured by the Managing Committee. The management is very keen in ensuring academic quality among the teaching folk.
 - A Common room is provided for the informal academic interaction and relaxation of the faculty.
 - The staff club of the college meets once in a month and arranges programmes for academic development and recreational activities in which the members get a chance to showcase their talents. All the festivals are celebrated by the Staff club in a befitting manner so as to provide an exemplary model of communal harmony for the students.

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

The College Council meets and evaluates the working of the College. The management has a well structured plan for the College to be accomplished in every year. ‘Vision 2020’ is planned by GuruvayurDevaswom for the infrastructure development of all its institutions, including the College.

The details of the resolutions taken and its accomplishments in the year 2012-17 is given below:-

Table 6.4 Resolutions of the Council

Sl. No	Resolutions of the Staff Council	Achievement
1.	Upgrading PG Department of Physics to research department.	Upgraded. Two of the Faculty members are the Research guides of University of Calicut.
2.	Reporting of vacancies of faculty positions	27 vacancies reported
3	To start PG in Sanskrit	P G Sanskrit has started
4	Starting of tissue culture lab in the Department of Botany	Started tissue culture lab in the Department of Botany

5	Renovation of the college seminar hall	Renovated the seminar hall
6	Digitalisation of the library	Library is fully automated
7	Starting of women's hostel inside the campus	Started women's Hostel
8	Regularizing of B.Sc, Biochemistry	B Sc Biochemistry regularised
9	Regularizing M A Malayalam	M A Malayalam regularised
10	Starting of Health center and multi Gym	Started Health center and multi Gym
11	Networking all the Departments	Networking is completed.

6.2.8 Does the affiliating university make a provision for according the status of autonomy to affiliated institution? If 'yes', what are the efforts made by the institution in obtaining autonomy?

Yes, the Government of Kerala has introduced the provision for upgrading the colleges into autonomous institutions. But the essential criterion for conferring autonomy is NAAC accreditation with A Grade.

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?

The Student Grievance Redressal Cell takes care of the problems of students in their academic and non academic matters. Every complaint is seriously considered by the Cell and necessary steps are taken to resolve the same. If the issue cannot be settled at that level, it is forwarded to the Staff Council with appropriate recommendations. The Staff Council takes appropriate steps for the redressal of the grievance. Sexual Harassment Committee is also functioning in the College. Students, faculty and administrative staff can directly submit any complaints to the Principal, which will be placed before the respective bodies for immediate and appropriate action.

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

No, the College has no court cases against it. The college has not filed any court cases against anyone.

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?

The college has a structured feedback system. There is a committee to frame the feedback questionnaire for the students. Once the questionnaire is prepared it is submitted before the IQAC for discussion. After creative discussion on all the aspects and the questions to be incorporated by the IQAC, the final questionnaire is submitted to College Council for approval. It is circulated among the students by the Class tutors for collecting feedback. It is mandatory for the students to fill the questionnaire. Every faculty of the college has to make a self evaluation based on the questionnaire and are directed to make a self evaluation report.

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?

A professional culture is maintained in the campus. There are periodical meetings of the teaching and non teaching staff for the frequent evaluation of their activities. There is an effective mechanism for the development of teaching and non teaching staff of the College.

- ❖ The teaching and non-teaching staff are motivated to attend seminars, workshops, training programmes, Post-doctoral and internship programmes etc conducted by various organizations both at the national and international levels.
- ❖ Encouraged to adopt new teaching learning strategies of international standard like ‘Flipped Learning’ and ‘Reflective Journal’ methods for improving original thinking, critical approach and comprehension skill of the students for easy content transfer.
- ❖ Teachers are encouraged to adopt online teaching and assessment methods like conducting online test papers, tests using Kahoot software, sending MCQ to students through Whatsapp group and online evaluation.
- ❖ Updation of knowledge is provided through INFLIBNET and National Digital Library wherein all the Faculty members are registered.
- ❖ Most of the faculties have PhD degree and those who do not have Ph D are encouraged to pursue the degree.
- ❖ Acquiring additional degree by faculty is very much appreciated by the College for updating the knowledge and for having a vivid sense of learning.

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?

- ❖ Providing conducive academic environment for better teaching and learning by providing reference library facility and internet connection in each department.
- ❖ Smart Class rooms and Interactive Boards are provided to improve ICT enabled teaching learning process.
- ❖ Faculties are motivated to attend post-doctoral programmes and International internships.

Table 6.5 Post – Doctoral Fellowships and International Internship

Sl no:	Name of Faculty	Department	Period	Collaborating University	Fellowship (\$)
1	Dr. Rajesh K. R.	Physics	Dec 2013 – Dec 2014	Department of Physics, Oregon State University	3000/- per month
2	Dr. Jayasankar M.	Chemistry	June 2016 – June 2017	Department of Chemistry State University of New Jersey	3000/- per month

- ❖ Maximum involvement of faculty is ensured in refresher, orientation, and need-based programmes, for the development of faculty.
- ❖ Library is fully automated for easy access of information. Necessary training is imparted to the staff for utilizing the facility and information is also provided about the latest sources of information.
- ❖ Training on e-content development is provided to the staff with the support of the EMMRC of the University of Calicut.
- ❖ Feedback from the students are collected on the quality of teaching and evaluated at the individual level.
- ❖ Opportunities for updating the subject knowledge.

6.3.3 Provide details on the performance appraisal system of the Staff. Evaluate and ensure that information on multiple activities is appropriately captured and considered for better appraisal.

Feedback is collected from the students for self evaluation and further improvement. The faculty has to make changes according to the deficiencies revealed during evaluation. The parameters taken for evaluation are quality of teaching, research activities, consultancy and extension, involvement in evaluation duty, involvement in mentoring, engaging tutorial classes, teaching experience and qualification, and involvement in social activities. The faculty with good achievement in any of the field is appropriately honoured in a general staff meeting.

6.3.4 What is the outcome of the review of the performance appraisal reports by the management?

The self appraisal is evaluated by the faculty at their individual level only. It is not being evaluated by the management.

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?

There are no welfare schemes to the non teaching staff apart from those which are given by the Government of Kerala. The College helps the teaching and non-teaching staff of the College to avail financial assistance from the Syndicate Bank, operating in the Campus, by issuing Salary and Recovery Certificates.

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

The appointment of faculty and staff is purely based on merit. The procedure is as per Government and University rules and is transparent. Boarding and Lodging facilities, both for men and women, are provided to the staff at the Hostels. Teachers are also provided delay-free procedures for pursuing academic development programmes, like Refresher Courses, Internship Programmes, Post-Doctoral programmes etc. The eminence of the Staff of the College is clearly reflected in the fact that two of the faculty members are appointed by the Chancellor as the Pro-Vice Chancellors of the University of Calicut, in consecutive terms. One of our former faculty member, Dr. V.K. Vijayakumar, is a famous economist and presently is the Investment Strategist at Geojit BNP Paribas. Yet another former faculty member, Dr. K. D. Bahuleyan, also a famous economist, was a former member of the Cochin Devaswom Board. Being an aided college there is good reputation for the institution among the local people and every effort is made to ensure the quality of teaching and learning process, which is a significant strength of the college.

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?

There is a well structured financial mechanism to monitor and direct the financial activities of the College and the Principal and the management also take steps to improve the existing system of fund management. The accounts of the College are audited by the Local audit section of the GuruvayurDevaswom. External Audit is conducted by the Audit section of the Deputy Director of Collegiate Education (monitored by the Director of Collegiate Education) and Accountant General. The available resources are fully utilized to achieve maximum benefit for the students and the College. The College Council takes care to maintain financial discipline in the College. The college council prepares a detailed financial plan for the College and prioritizes the allocation of funds considering the academic requirements, which facilitate better teaching and learning requirements. There is a purchasing committee and this committee ensures the cost-effective spending of the allotted funds.

The main sources of income are UGC Grants, Government funds and the management contributions. Being a non-profit institution, indirectly controlled by the Government through the Managing Committee of GuruvayurDevaswom, the college face practical difficulties for generating own funds from other sources. This is one of the major challenges faced by the college.

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.

An internal audit is undertaken by the Office of GuruvayurDevaswom, which verifies the financial transaction and gives advices on each and every matter. External Audit is done by Indian Audit and Accounts Department, Thiruvananthapuram and Director of Collegiate Education, Thrissur.

Audit Authorities:-

- 1 Director of collegiate Education
- 2 Accountant General of Kerala

3 Internal Audit Group by GuruvayurDevaswom

Audit Objections

The audit is meticulously done by both externally and internally and no important audit objections are reported in the last five years.

6.4.3 What are the major sources of institutional receipts/funding and how is the deficit managed? Provide audited income and expenditure statement of academic and administrative activities of the previous four years and the reserve fund/corpus available with Institutions, if any:

The College is an aided college under Government of Kerala and the main source of fund is UGC. The details of income and expenditure are given as follows.

Table 6.6 UGC Grant consolidated Report (XII)

Name of Account	Amount
General Development Assistance	1,494,000
Infrastructure	8,50,000
Remedial Coaching	3,75,000
Research Assistance (FDP)	1,77,500 [(2,35,000(received)-1,77,500 (disbursed)=57500 (remitted to UGC))]
Net Coaching	2,25,000
Entry Service	3,25,000

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

The special assistance received from UGC (latest) is given below.

Table 6.7 UGC Special Assistance

Year	Special Assistance Amount	Utilisation	
2014	22,50,00	45 KV Generator	10,26,340
		Lab Equipment	4,04,549
		Smart room	1,08,122
		Computer accessories	4,98,225
		Audio Visual	2,12,740

6.5.1 Internal Quality Assurance System (IQAS)

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?

IQAC Cell has been working here since 2005. From 2012, the activities were streamlined and effectively executed. At present, the cell is very efficient and is engaging in all academic as well as non academic activities of the College.

IQAC contribution in quality assurance

The IQAC coordinates and supervise all the major academic activities of the college. The cell Plans the activities of the College starting from admission to final Exit Programme. The Admission committee together with IQAC monitors the admissions in each department and provides guidelines to the respective Heads of the Departments regarding the University norms and regulations of the admission procedure. The IQAC monitors the admission process annually and study factors such as demand ratio, minimum and maximum marks of students admitted in each programme etc. The academic year plan, which encompasses the learning objectives, teaching and learning activities as well as assessment and evaluation schedules, is prepared based on the university schedule by IQAC in consultation with the college staff council. The deficiencies of the students are identified at the time of admission itself, and Bridge Courses are conducted to overcome them. Induction programme is conducted to make the students aware on the Vision, Mission and Objectives of the College, the learning objectives, disciplinary practices in the college, basic knowledge about the equipments and safety measures in the lab etc.

The college offers certificate courses that are focused on skill development which foster a sense of entrepreneurship. The course schedule and its smooth conduct have been well planned by the Course coordinators under the supervision of the Course director. An overall scrutiny is carried out by the IQAC to assure the quality of the course being provided. There is well structured formal feedback system in the college which is prepared under the supervision of the IQAC cell. Each department informally analyses the feedback and effective remedial measures are taken. Further issues and difficulties, experienced by the students are discussed by the College Council and IQAC. The college is well administered with the help IQAC which give suggestions and timely evaluations and resolve impediments pertaining to teaching, learning and research.

IQAC analyses the results of external and internal evaluation to study student progress. At the end of the academic year, the performance of every department is evaluated and reported. IQAC identifies the deficient areas of knowledge of the faculty members and takes necessary measures to compensate it. Workshops and seminars by external experts are organized for quality enhancement of faculty members. Teachers are also encouraged to attend refresher courses and need based programmes in emerging areas of study. IQAC promotes ICT enabled teaching-learning by creating awareness among faculty members about modern teaching aids. At the same time, IQAC emphasizes on the distinctive advantages of traditional chalk and board system of teaching and gives suggestions for making it more effective by combining it with other teaching aids like PPT and audio-visuals. Departmental Seminars and workshops are encouraged and supported. Interdisciplinary research is promoted by organising interdepartmental paper presentations by faculty. Research Committee under the IQAC provides information regarding the availability of various research grants for major and minor projects, seminars, conferences, workshops etc., from external funding agencies. Another major contribution of the IQAC is a

multidisciplinary research journal 'SPECTRUM', which is under the process of getting ISSN. The first issue is expected to be published by next academic year.

B. Does the IQAC have external members on its committee? If so, mention any significant contribution made by them.

Yes, the IQAC team of the College has active participation of external members. The general structure of the IQAC is as follows:

- Chairperson: Prof D Jayaprasad (Principal)
- Prof K Raveendranath (Former Pro Vice Chancellor, University of Calicut)
- Managing Committee representative: Sri MallisseryParameswaranNamboothiripad
- Members external to the institution: Sri K Bhavadasan (K P Namboothiri's Ayurvedic Products)
- Coordinator: Dr G Jayakrishnan
- NAAC Convener: Dr P Gopinathan
- Dr S Sarathchandran (Representative- Academic)
- Administrative Staff: K P Hemambika (Office superintendent)
 - V Saraswathy (Head Accountant)

- Faculty: Dr P S Vijoy
 - Lt. Rajesh Madhavan
 - Dr K Geetha
 - Dr Ambili K
 - Dr Vishnu R
 - Dr Sreelekha M
 - Dr Manu K M
 - Dr Prasad M V
- Alumnae: Dr P A Damodaran
- Sri Pramod (President KandansseryGramapanchayath)
- Student representation: Sheema Dharmapal (Representative- Research Scholar)
- Kum. Aryasree P S (Representative- P G Students)
- Mr Akshay (Representative- Students)

The external members actively participate in all the activities of IQAC. They give good suggestions for improvement. The management committee representative Sri MallisseryParameswaranNampoothiripad extends the committee's support to the College especially matters related to allotment of finance and its utilization. There are two external academic representatives viz., Prof. K. Raveendranath and Dr Sarathchandran who are eminent academicians, who can contribute for the development of all academic matters from induction training to exit programme. The industrial representative Sri Bhavadasan is an eminent alumnus of the College and he contributes significantly for the placement and career guidance of the students. He extends lectures and inspirational talks to the students to motivate the students. Another external member Sri Pramod is another alumnus and President of the Local Panchayath gives his wholehearted support to the College in integrating the activities of the college with the local people.

C. How do students and alumni contribute to the effective functioning of the IQAC?

The alumni and the student representatives take active part in the decision making of IQAC. Constructive suggestions have been given by the alumni representatives, which are very well taken care of. The student representatives give constructive suggestions and criticisms on the academic and non academic activities of the College. The alumni of Sree Krishna College have a Dubai chapter, the members of which actively engages in talks and inspirational experience sharing. The College also gets formal and informal feedback from the alumni and retired staff through the official website and also during alumni meetings, retired staff meetings etc.

D. How does the IQAC communicate and engage Staff from different constituents of the institution?

The IQAC disseminate information to the teaching and non teaching staff for instilling efficiency in the execution of their duties. The IQAC along with the teaching staff, helps the non teaching staff in improving their IT and communicative skills. The teaching staff helps the non teaching staff in attaining higher degrees for their academic development.

The expertise of teaching staff is used in the development of library. The Faculties are motivated to launch three initiatives for redefining and reinventing the role of reader in the changed context of digital learning and social media. “Bookworm” a Readers corner has been set up for the students. It showcases well known and must-read books. One book is introduced every fortnight and students are encouraged to read it and take part in discussions based on it. ‘Aalaap’ is a poetry-recital forum for students and staff to recite poems-original creations or otherwise. An online forum ‘Talkatives’ is created to conduct discussions and debates on literature and social issues.

The stake holders are also well informed which is another positive aspect of the efficiency of IQAC.

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.

The IQAC is a well structured body which gives importance to achieve quality education. The cell is taking care of all academic and administrative activities of the College and collects feedback from the stakeholders for further improvement. The quality policy is well stated and it has a multifaceted approach in assuring quality in each and every section of the College. The IQAC by firm footing in the stated vision mission and objectives of the College frame the policies and constitute various committees for achieving the learning outcome. The academic programmes like Induction Programme, Bridge Courses, Flipped Learning, Reflective Journals and exit Programme are constituents of the quality assurance programme at the academic level.

The administrative activities relating to academics have been monitored by the compliance of the schedule of academic activities, wherein the IQAC closely monitors and give suggestions in attaining a better outcome. Other administrative activities are also closely

monitored by the IQAC, supervision of the Principal and Management and Audit fixing accountability.

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 IQAC continuously arrange workshops and seminars for both the teaching and non teaching staff for improving the quality and the procedural requirements for assurance. Workshops were conducted by eminent scholars to give insights for future development. For example, Prof V K Vijayakumar, an eminent economist and educationalist gave talk on improving the teaching and personal qualities of the faculty. Staff members were given adequate training on e-governance. Our administrative staff members attended the training given to them in the Academic Staff College of the University of Calicut.

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?

There is an academic audit in the college under IQAC to monitor whether the learned objectives have been achieved or not, at the end of each year. After evaluating the overall performance of all activities of each and every department, a prospective plan of action for the next year will be prepared.

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

The prime duty of the IQAC is assuring quality of education in the College. The IQAC emphasizes that maximum output is ensured in all the criteria of assessment devised under the NAAC accreditation. IQAC also considers the criteria used for international and national rating of colleges by different agencies and devise strategies to improve the performance of the college in these areas.

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 feedback from students are collected and evaluated properly by IQAC. Recommendations have been given by IQAC for further improvement of the students. The performance and quality of faculty is self evaluated by well structured self evaluation form and given adequate suggestions for further improvement. In order to ensure a quality enabled teaching learning process, a student centric, process oriented and socially linked method is adopted. While reviewing the learning process, synthesizing, organizing, memorizing and communicating processes are given orientation and the achievements in these areas are properly evaluated. The senior faculty members or experts give necessary guidance for improving these processes.

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

The quality assurance policies, mechanism and outcomes are communicated through various media like college website, Calendar, Alumni meetings and so on. The IQAC conducts meeting with the stake holders and imparts knowledge on these policies to them.

CRITERION VII

INNOVATIVE AND BEST PRACTICES

7.1 Environment Consciousness

Higher Educational Institutions play an integral part in protecting, maintaining, and developing the environment in a meaningful way. Our college is extending its maximum support in raising environmental consciousness among the youth and society regarding the prime environmental issues like Ozone Depletion, Global Warming, and Waste Hazards. Conscious efforts have been made by the institution to inculcate the spirit of Nature's interconnectedness among the college community. This cohesive relation between man and nature is highlighted through the practice of Organic Farming and by conducting campaigns against the exploitation of nature. Social commitment being the prime motto of the College, all the departments of the college are directed to conduct seminars or workshops to make the students and staff aware of the environmental hazards like the danger of using plastics and the need to eradicate plastic from the campus, thus making it plastic free.

7.1.1 Does the institute conduct a Green Audit of its campus and facilities?

The College is located in a sprawling campus, making it an ideal site for learning. The College is consciously trying to protect and preserve all the biological and ecological diversity of the campus. The Department of Botany identifies and name trees in the campus through periodic surveys and the status of campus flora is updated by an expert committee. The Department of Botany and Zoology conducted a Green Audit of the Campus and surveyed the vegetation of the Campus in 2016. Most of the departments have environmental issues in their curriculum either as core papers or electives. As a novel initiative, the institute along with the PTA had organized a "Clean Campus Green Campus Mission" from 2015 onwards. The students are motivated and enlightened on environmental concerns by various renowned personalities like Mr. C. R. Neelakantan, a well known environmentalist. The students of all disciplines are regularly given awareness classes by our eminent faculty of the Botany Department, Dr. Udayan P. S. and Dr. Harinarayanan about the need of preserving the ecosphere. The periodic audit of the number of trees and diversity of the fauna are done by various departments. The Departments of the college actively participate in the planting of trees.

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

Sreekrishna College had taken several commendable initiatives to make the campus, plastic free and eco-friendly. Every year all departments in the college observe the Environmental Day on June 5. As a part of this event, various competitions like debates, quizzes, essay writing, poster making, and exhibitions are conducted regularly. The first week of June is celebrated as the Environmental Week and the teachers and students actively organize and participate in a variety of programmes. All programmes and events are planned in such a way that it does not disturb the serenity of the campus. Plantation is done, taking into account the rocky nature of the soil in the campus.

- The students of the Department of English visited the world's largest **Navara Farm**, situated in Chittoor on the banks of the river **Shokanashini** to get familiarized with this traditional variety of rice and various rice products. The students were inspired by the organic cultivation done in this eco-farm and have gathered several useful methods for supplementing their practice of **Organic Farming**.
- The Department of Economics organized a seminar on "Maram Oruvaram" as a part of observing the World Environment Day.
- Likewise the students of the Department of Bio -Chemistry conducted a class on "Waste Management".
- The Department of Botany is engaged in identifying and naming trees on the campus through periodic surveys and the status of campus flora is updated by an expert committee. The department is also maintaining a Herbal Garden with plants of rare medicinal value. The Department actively participated in the protective measures adopted in conserving "Manjula and Vengad" under GuruvayurDevaswom. The UG students of the Department had cultivated Corn during the year 2014 and reaped a good harvest. As a new initiative, the Department of Botany, in association with Department of Zoology, had done a green audit and a survey of vegetation in the campus during the year, 2016.
- General seminars are voluntarily done by students on the topics of ecological significance and students maintain ecological albums.
- The Department of Chemistry organized a seminar on "Separation of Plastic from Bio-degradable waste".
- The Department of History had instructed the students not to bring plastic tiffin boxes, plastic carry bags and bottles. They also conducted a workshop on making paper bags.

- The Department of Malayalam gave a class on making useful things from waste materials.
- A survey on butterflies, moths and avian fauna was conducted by the Zoology Department. Yet another feather to the cap of Zoology department is a Bird Watching Club functioning in our campus for nurturing the eco-friendly aptitude in the students of other disciplines. The students also took an admirable step in constructing a Butterfly Garden by planting flowering plants.
- The Department of Physics conducted a seminar on “Conservation of Endangered Species” by Dr. M. K. Harinarayanan, faculty, Department of Botany.
- With the objective of achieving a plastic free campus, the NSS unit conducted an awareness programme on “Say No to Plastic” and plastic materials were collected from the college and nearby areas to be disbursed at the collection centres at Guruvayur. The students circulated notices in the nearby areas to educate the locals about the harmful effects of using plastic in our daily life.
- In 2015, the keynote address on the Environmental Day in our college was delivered by Dr Harinarayanan on the topic “Earth and Environment”.
- The NSS unit also observed “Anti-Plastic Carry Bag Day” on 3rd July 2015. The volunteers distributed more than 1000 chest cards containing anti-plastic messages to teachers and students. Innumerable number of placards and boards bearing eco-friendly messages were posted at prime locations in the campus.
- The NSS unit organized a poster making competition based on the theme “Youth, Civic Management- a Step towards Change”.
- Another remarkable work done by the NSS unit is the setting up of a garden using plastic water bottles. The waste plastic bottles were collected from the campus and nearby areas and flowering plants were planted in those bottles. The unit conducted a practical class on Pipe- Compost on November 14, 2015
- Under the leadership of the NSS unit a class -wise group discussion on “Effective Waste Management” was organized in the campus. The Group discussions centred on the theme of “Reduce, Recycle, and Reuse”.
- The NSS volunteers are trained to manufacture eco-friendly paper pens and each pen contains a seed in it. It is one of the methods of seed preservation and nurturing eco-culture, practiced in our college.

▪ **Energy Conservation:**

As a national policy as well as a long-term approach to ensure sustainable development and equity among society, the college has been doing various programmes to conserve energy and efficient usage of energy resources, both at institutional and individual level, among the college community. The college has been conducting various sensitization programmes, like Quiz competition, essay writing, debate, poster presentation, documentary exhibitions and so on, for students and staff. To carry out these agendas, the college has constituted a committee comprising of the entire faculty in the college. The College has been conducting an annual inter-departmental Energy Quiz, Debate and Essay competitions. The College is also distributing pamphlets among students and in nearby areas regarding the need for conserving energy and about earth's fast depleting resources. The saving of energy is equivalent to the production of the same amount of energy.

- The Post Graduate Department of Physics conducted a one day seminar on "Recent Trends in Atmospheric Physics and Renewable Energy Sources", sponsored by Kerala State Council for Science, Technology and Environment. The college is switching over to energy conserving electrical equipments like CFL and LED lights. The department regularly conducts awareness programmes for staff and students. The students are doing surveys on energy consumption and conservation in their families and neighbourhoods. The Physics department offers an Open Course on Non-Conventional Sources in which all students can participate.
- The NSS volunteers visited the houses in Kechery area and shared their vision on energy conservation and about the tips that could be practiced effectively in households, shops and offices.
- The NSS unit also conducted an outdoor session at ParannorChira, as a part of wet-land conservation drive and successfully trekked the Perumala Hills.

▪ **Use of Renewable Energy:**

The College is planning to collect and dispose waste as recyclable and non-recyclable, at the source itself. The institution is planning to install a bio-gas plant in near future for energy production. The college has an efficient waste processing system that generates manure for the vegetation in the campus. The methods of Vermi- composting and Pipe-Composting are effectively practiced in our college.

▪ **Rain Water harvesting:**

A huge rain water pit is present in our college campus to replenish the scarce water resource. The Chemistry Department had set up a rain water harvesting system in order to collect and preserve water for future.

▪ **Efforts for carbon neutrality:**

To make the campus more eco-friendly, every year we are planting large number of trees, both inside and outside the campus. Every year, the College distributes and plants tree saplings on the Environment Day. The NSS Unit together with the Eco -Club is coordinating a variety of programmes in the institution to preserve the ecological balance of the surrounding area. More than 500 tree-saplings were planted in the campus for reducing the carbon content in the campus atmosphere. The emissions from the laboratories especially from the Chemistry Department are reduced by the installation of fume hoods. The bio-degradable wastes are dumped in a deep pit and are left for natural degradation. To avoid forest fires during summer season, the dry grasses are trimmed regularly. The waste papers and old notebooks are collected and are made into paper bags. Besides these, sanitary napkins are provided, collected and disposed in the incinerator installed in the college campus sans major carbon emission. The entries of vehicles are restricted in our campus, thus reducing the emission of carbon monoxide into campus area. The students conduct cycle rallies projecting the message, “SAVE PETROL, SAVE NATURE” and observe CARBON- FREE DAY in the college campus.

▪ **Plantation:**

The role of the institution in preserving and nourishing the greenery of the campus is praiseworthy, particularly in the context of the hardened soil and inadequacy of water. The students are becoming nobler with their association with Nature. This venture of the institution helps to cement the values of cooperation, team work and sense of responsibility among the students.

- The Botanical Garden is luxuriant with rare collection of plants. The Department of Botany encouraged the students to develop Corn Farming, and in 2014, the UG students cultivated corn in their department garden and harvested a good quantity of corn.
- The NSS volunteers planted a variety of tree saplings like sandal, red sandal, mahogany, gooseberry, and custard apple in collaboration with the Forest Department, Thrissur District.
- The students are engaged in Organic Farming under the auspices of the NSS unit. The NSS unit inaugurated the programme “Farming-A Culture” by collecting seeds from nearby houses with the objective of encouraging Organic Farming. As a part of this move the students started vegetable cultivation in the campus. The NSS volunteers participated in seminars on Organic Farming conducted by various organizations in the District. The NSS unit of the college in association with the Forest Department and Agricultural Universities are planting trees in the campus and public places. There is an organic vegetable garden and plantain farm developed by the NSS unit in the premises. Various types of Bananas, chillies, brinjals, and cabbages were planted and the vegetables were harvested and distributed among the locals. As a part of Environmental Day celebrations the

NSS unit planted 150 plants in the hilly and arid regions of Ponmala Hills and in the nearby houses. (4-6-2016)

▪ **Hazardous Waste Management:**

The College takes the extreme care not to exude any hazardous material in the campus by the Departments like Chemistry, Bio-Chemistry, Zoology and Botany and Physics. Paramount care is taken by the institution in order to handle and store chemicals and other hazardous materials used for laboratory purpose. The chemical waste materials and effluents emanating from laboratory are scientifically disposed. Dustbins are provided at every potential point to collect waste items. The waste plastic containers, glass wastes, e-wastes and other non-degradable wastes are collected and disposed at various collection units for recycling. The Department of Bio-chemistry conducted a class on lab safety and handling of chemicals entitled “Safety Precautions in the Laboratory”.

▪ **Cleanliness Drives**

The NSS unit is giving awareness classes on personal hygiene and sanitation. The unit conducted a quiz competition on Swatch Bharath Mission- Hygiene and Sanitation. They are also actively involved in cleaning the campus and public places like hospitals, KSRTC bus stands, private bus stands, pain and palliative care units, public libraries, public road sides, Anganwadis, Akshayacentres, nearby ponds and so on.

Innovations

7.2.1 Give details of the innovations introduced during the last four years, which have created a positive impact on the functioning of the college?

1. Innovative Teaching Practices

▪ **Introduction of Certificate Courses**

The institution is consistent in enhancing the quality of its education. Value addition has been accomplished by organizing various discourses, short-term courses, seminars, workshops and certificate courses. The departments of the college offer certificate courses in their respective subjects. This innovative practice is intended to enlighten and improve the skill development and thereby enhancing the employability of the students. In today’s world, students with multi-tasking skills are preferred more by various business enterprises. The syllabus for each course is framed and the classes are being conducted by the faculty of the concerned department. The positive aspect of all these courses is that the interested students of other disciplines can avail of this facility offered by the institution, though in limited numbers. The duration of all courses is 2 months. Though it is a modest attempt, it had attracted a good number of students in the college. The following are the certificate courses offered by various departments in the College:

S L N o	Department	Name of the Course	Relevance of the Certificate Course	Duration
1	Sanskrit	Yoga – Internal Awareness and Self-Management	To impart the basic principles of Yoga Philosophy and relevance of Yoga in contemporary society. Holistic Personality development, invoking scientific attitude and team spirit.	2 Months
2	Sanskrit	Spoken Sanskrit	Learn to express basic ideas in Sanskrit, Basic Grammar and Understanding of Sanskrit slokas	2 Months
3	Sanskrit	DTPin Devanagari	Computer Basics and DTP in DevanagiriScript	2 Months
4	Chemistry	Cosmetics and Soaps	Upgrading Knowledge Skills in Personal Care sector and a host of supporting industries	2 Months
5	Zoology	Vermi-Composting	Organic solid Waste Management	2 Months
6	Mathematics	Basics of Mathematics	To improve solving ability in Competitive Exams	2 Months

7	Botany	Herbal Medicines: Application and Cultivation	Awareness of common Medicinal Herbs, understanding traditional uses, combination and contents, conservation of rare herbs, to familiarize common cultivation practices	2 Months
8	History	Heritage Studies	Locating and conserving the ancient heritage sights	2 Months
9	Functional English	SESP (Speaking English for Specific Purposes)	To provide listening and comprehensive skills , identification of English phonetic symbols and sounds, grammar and fluency in speaking and writing	2 Months
10	English	English for Competitive Exams	To impart Basic Language Skills in English, to improve comprehension and writing skills, sharpen logical and critical thinking skills, to perform well in competitive exams	2 Months
11	Physics	Computer Basics	To impart basic knowledge about various MS docs.	2 Months
12	Commerce	An Introduction to Fundamentals of Accounting and Taxation	To provide knowledge regarding Basic Accounting and to familiarize the	2 Months

			students with the fundamentals of Taxation	
13	Bio-chemistry	Health and Nutrition	To give regular instructions on the Importance of Nutrition in various stages of life, awareness of deriving maximum benefit from available food resources, knowledge regarding etiology and management of nutritional deficiencies	2 Months
14	Malayalam	Applied Language Skills	Basics in English language, grammar	2 Months
15	Physical Education	Gym and Body Management	Wellness, health and exercise	2 Months

- **ICT Assisted Teaching- Learning Process**

The departments of the college are provided with LCD monitors, Printers and Net accessibility to improve the teaching and learning of the institution. The College has smart class rooms and a multi-media room with the assistance of a visualizer. All departments are provided with internet facility with the assistance of Server-Based Network. The students are introduced to the system of Flip Learning, in which the students prepare a synopsis of the topic that the teacher is going to introduce in the next class. This learning process is student- centric and gives them a chance to explore the varied vistas of knowledge.

- **Library Accessibility**

The college has a well- equipped library with Wi-Fi connection. The teachers and students have access to national and international journals and libraries with the help of INFLIBNET. Moreover, the faculties are members of the National Digital Library. It is an initiative of the MHRD through its National Mission on Education through Information and Communication Technology to develop the pilot of a National Digital Library. The charter is to build a virtual repository of

learning resources that are available in digital form and provide a single-window search portal to facilitate focused searching so that learners can retrieve the right resource with least effort in minimum time. A special corner in the library, the Bookworm showcases books of soaring literary merit and controversial books on politics and current issues. This humble venture gives a chance for all bibliophiles to taste and experience the different genres of writing. We have introduced a recital platform, Aalaap, where in the faculty and students recite their original creations. There is an online forum, Talkative exclusively meant for the discussion of new literary trends, books and contemporary issues.

- **Curriculum Revision**

Teachers from the Departments of Commerce, Physics, Botany, Chemistry, Politics, Economics, Sanskrit, Mathematics, and Zoology had participated in the meeting of the restructuring of syllabus conducted by the Calicut University. They have been instrumental in making the syllabus more learner- friendly and updating the content. Teachers from the college are also members of the academic bodies of other universities and Autonomous colleges in Kerala.

Teachers from the college are also part of committees involved in revision of the syllabus in the Universities of Kerala, Mahatma Gandhi, and Kannur.

Teachers of the college are in the panel of experts as Question paper setters and question paper scrutiny members, members of the board of examinations of various universities in and outside Kerala.

- **Choice Based Credit and Semester System:**

As a matter of national policy, the University of Calicut has implemented Choice Based Credit and Semester System across the affiliated colleges under the University. The courses are being offered under four categories: Core, Common, Complementary and Open Courses and projects are done at the UG level whereas in the post-graduate level, there are core and elective courses with project work during the Fourth Semester.

- **Continuous Evaluation**

The college as per the University regulations is conducting continuous evaluation of students through oral tests, assignments, project works, seminars, paper presentations and internal assessments. Surprise tests and Group Discussions are also incorporated in the evaluation process that ultimately helps to improve the performance of the students in University exams and other competitive exams. The college conducts regular tests, and informs the parents about their academic performance through class level PTA meetings.

- **Remedial Teaching**

The students belonging to SC/ST are the major beneficiaries of this programme. The college provides remedial coaching, especially for weaker students. Additional study- aids are provided for improving their studies.

- **Peer Teaching**

- ‘Quality circles’ are formed among the students with a maximum of 10 members, in which one or more fast learners and 5 to 8 slow learners are grouped together. The fast learner clarifies the doubts of the slow-learners and motivates them to learn the subject. This helps to improve the knowledge level of the fast learners and the slow learners and promotes the overall learning of the students in the class. There is strict supervision of the teachers so that the goals set are achieved.
- Encourages pupils to conduct class level seminars on various academic topics under the supervision of teachers.
- Encourages self -learning among the students at the end of all classes. They are asked to refresh their memories regarding the subject topic. The senior students take classes for the juniors. A mock test is conducted every week.
- To enhance presentation skills of post-graduate students, every year batch-wise common seminars are conducted followed by a mock open defense. The outstanding performers are awarded endowment prizes instituted by the faculty
- As a part of English Language Teaching curriculum, students maintain a record of Lesson Plans and practical sessions of teaching. The students showing academic excellence are selected for taking classes for the weaker students.
- Students are encouraged to present their seminars and projects using the power-point presentation (PPT).
- The open book test papers in certain subjects are introduced for helping the post-graduate students.

- **Centralized Internal Exam Management Cell**

A centralized Internal Exam Cell is functioning in our college for the smooth and efficient conduct of the Internal Examinations. Two Internal Exams are conducted in each semester utilizing the facilities of the cell.

- **Centralized and Transparent Admission**

The admission process is now hassle free and is done transparently with the timely coordination, monitoring and intervention of Nodal officer of the College who manages the Centralised Admission Process (CAP) of the University of Calicut.

- **Monthly Attendance Report:**

All departments of the college publish monthly attendance report of the students. The students without minimum percentage of attendance are removed from the rolls. They have to take re-admission by paying a nominal amount as a penalty.

- **Grievance Redressal Cell**

A Grievance Redressal Cell is constituted at the college level with the Principal as the Chairman, Ms Sasikala V. S., Department of English the convener and four other teachers as the members of the body. A Grievance Redressal Cell is functioning at the departmental level too with the HOD as the chairman, a senior teacher and the Course teacher as its members. This cell takes seamless effort in addressing and solving various student grievances at the institutional level.

- **Anti-Ragging Committee**

The college has duly constituted an anti-ragging committee as per the latest UGC guidelines and conducts sensitization programs for undergraduate and post-graduate students at the beginning of all academic sessions. It is committed to avoid instances of ragging and will take care of complaints from victims of ragging, if any. The anti-ragging rules are exhibited clearly on the college notice board and college handbook. Fresher's Day is organized in every department under the supervision of the faculty so as to promote good relationship with the seniors and juniors and to identify the talents of the new comers. This also helps to promote a new culture of good academic relationship in the college.

- **Career Guidance Cell and Placement Assistance**

The College has a Career Guidance Cell to link the fields of academia and industry. Proper guidance regarding various career-oriented courses and job opportunities are provided and the student community is immensely benefitted out of this venture. Many of them get placements in renowned companies and institutions thus enabling them to improve their talents and positions in the society. It is conducting classes for various PSC examinations. Training is given in soft-skill development and to improve their aptitude in various fields.

- **Women Development Cell**

The Women Development Cell of Sree Krishna College is a creative platform for the girl students of the college. It aims at developing leadership skills among girls, creating awareness about the problems and challenges confronted by them and to make them realize their equal responsibilities for contributing to the welfare of the society. Seminars and documentary shows are being conducted on regular basis under the aegis of the Women's Cell. The annual observance of the

Women's Day on March 8 is marked by discussions, debates and speeches on women's empowerment and related issues.

▪ **Women Empowerment Programmes**

➤ The Mother's Wellness Programme, organized as a part of the Community Sports programme, records and monitors various health parameters of the participants and encourages them to undertake the appropriate physical exercises. Morning and evening batches are organized for imparting the physical training.

➤ The NSS unit organized seminar on "SthreeyumSamoohavum" on 8 March 2015 in connection with International Women's Day under the auspice of College Women's cell.

➤ The NSS unit celebrated the International Women's Day on March 8 2016. A poster exhibition was held at the college and it portrayed the achievements, issues and empowerment of women.

➤ Dr. Lakshmi Sankar (Member of Women's Cell unit in the college) organized an open forum in which the teachers and the students shared their views for and against women issues.

➤ A famous Malayalam documentary "Purddha" on the necessity of gender equality in society was screened. A health awareness class titled "Women and Health" by Dr. Devika Rajendra Prasad (Royal Hospital, Kunnankulam) was organized for the benefit of girls in our college.

➤ A Mother's Meet of girl students is regularly conducted to discuss the issues on women's health and women's security.

➤ An inter-departmental National Seminar on "Articulating Women: Multiple Locations and Varied Voices" was conducted under the leadership of Equal Opportunity Cell.

➤ The college gives ample focus to women empowerment. Documentary films are shown to the girl students in this regard for enlightening them about various women issues.

➤ The girl students are given classes in jewellery- making, healthy cooking and awareness classes regarding various issues like cyber-security.

▪ **Merit Day**

Every year we celebrate Merit Day to acknowledge the achievements and laurels of both teachers and students in their academic endeavours. These meritorious events encourage, motivate and trigger the enthusiasm of the winners as well the audience. The various departments in our college also felicitate the students with exemplary academic excellence by awarding them with endowment prizes.

▪ **Sports Day**

Sports Merit Day is conducted for honouring the winners at the university, inter-university and national level meets. The college is on cloud nine with the

stunning presence of our students at *Rio Olympics*. *Mohammed Anas also represented India in 400 metre relay in Rio Olympics*. Every year, the Physical Education department conducts Annual Sports Meet in games and athletics for the students and teachers of the College to promote the talented persons.

▪ **Alumni Association**

The College has vibrant alumni, who act as conduits for the accentuation of the social development of the area, entitling them to be rightly termed as our ‘Social Capital’. KRISP is the Krishna PoorvaVidyarthi Association, the Sreekishna College old student’s association, formed in 2002 on July 18, the day of inception of the institution. The Late Rev. Joseph Mar Koorilose is the founder of the association. Dr. P.A Damodaran, the former HOD of the department of Commerce and former student of the College, became its first secretary. The present president is Sri. C.V Baby and the present Secretary is Dr. Harinarayanan of the Botany Department, also a former student.

The motto upheld by KRISP is “Fraternity for Ever”. A meeting of KRISP is held every year on July 18. The alumni have honoured several old students from various walks of life who have left their indelible footprints in the political, social and educational scenario of our state and nation. Dr. Vidyasagar, NASA scientist; Mr. Gopinathan, Former Accountant General; Mr. C. P. John, Ex- Planning Board Member; Mr. Ramachandran, Founder and M.D. of Jyothi Laboratories; Mr. V.T. Balram, MLA; Justice K.T. Sankaran etc., are a few among them. The names of other noted Alumni members are enlisted in Annexure 1.

▪ **Patriotism Days**

The NCC Unit of the College celebrates Kargil Vijay Diwas as a mark of respect given to the soldiers who laid down their lives for the nation. This is a day which is celebrated in order to commemorate the noble and valuable service rendered by our martyrs. The Republic Day and The Independence Days are celebrated with religious fervor and spirit. The cadets from the NCC unit had participated in various Republic Day Parades at New Delhi and other places.

Industrial Visits

- The department of Bio-chemistry conducts study tours and hospital visits.
- The students of the department of Functional English regularly camp and participate in the International Short Film Festival, VIBGYOR. As a part of their curriculum, Media Studies, the Final Year students regularly visit the Chethana Media Studio, Thrissur.
- The final year students of the department of Commerce visited Foster Food Products, Mundoor, Manjilas Rice Factory in Kottekkad, Mysore Sandal Soaps and Oil Ltd, K.P Namboothiri Ayurvedics pvt.ltd Vadakkekkad.

Community Extension Programmes

- ❖ As a part of Reading Day celebrations, the NSS unit held a quiz competition for all the students and a documentary titled “Vayana” was shown to the students in order to promote their reading habits. “Vayanakavala”, a new initiative by the NSS, installed a Reading Box at the Ariyannur Bus Waiting Shed to encourage the reading habit among the public.
- ❖ A food packet distribution programme, “Annapoorna” for disabled and destitute, is functioning in our college under the auspices of the NSS unit. As a part of this programme, every Wednesday, students bring food packets from their homes and are distributed through a social welfare organization.
- ❖ Opportunities are offered to the NSS volunteers and other students to interact with and understand the traumatic experiences of the sexually marginalized sections like transgender and aids patients, by providing interactive sessions with them.
- ❖ A talk on “Organ Donation-a Service to Society” was given by Dr.Siju Mallapally, a renowned social activist on the importance of organ donation. An Ottamthullal performance was done in this regard stressing the need for helping the fellow-beings who are desperately in search of an organ donor for sustaining their lives. About 50 students of our NSS unit voluntarily showed their willingness to donate their organs posthumously. A warm welcome was given to the “Mrithasanjeevani”, a Kerala Government venture that stressed on the need of Organ Donation.
- ❖ The NSS unit of the College introduced a new initiative of ‘Scribe Bank’ to help the differently abled students to appear the University examinations. This service is provided free of cost.
- ❖ The Physical Education Department conducts a health awareness programme called “WALKATHON”, once in every year, involving the college community and the public.
- ❖ The BSC students of our college take classes in Mathematics and Physics for lower section students at BaladeepikaSadanam, Guruvayur, working under the auspices of MahilaSamajam.
- ❖ Assistance to differently- abled people: The NSS volunteers took part in the service activities organized by Karuna Foundation, a philanthropic society in Guruvayur. They organized the marriage of differently- abled people in Guruvayur Town Hall and our students volunteered the programme .
- ❖ A marvellous documentary on the harmful effects of the pesticides entitled “Vayal” was produced and directed by Nikhil Krishna, a NSS volunteer.
- ❖ The Department of Zoology visited the mentally challenged centre to give awareness to students about the effect of genetic abnormality. The diseases like Dementia and Alzhiemers are very common now. The students were taken to the Tropical Health Centre, and their interaction with the patients and the co-ordinators provided them ample insight in dealing with such patients.
- ❖ The NSS unit members were given skill development classes in making paper bags and medicine covers, X-Ray covers etc. and thousands of bags and covers were distributed, free of cost, in the Kunnamkulam Government Hospital and Mattom Primary Health Centre.

- ❖ The NSS volunteers conducted a health survey in the 14th ward of Choondal Panchayath. A health survey of five wards was also done in the Guruvayur Municipality area with the assistance of Municipality Chairman Mr Jayan and the ward members.
- ❖ 250 saplings of various trees were provided by the Kerala Agricultural University ,Mannuthy were planted in Dec2014 at the Punnathur Elephant Sanctuary, Guruvayur.
- ❖ “Paadam Onnu Oru Kaithangu”, a new initiative through which more than 300 students studying in BUDS SCHOOL ,KASARKODE were provided with Study-Aids .(2/7/2016)
- ❖ The NSS unit frequently visits old age homes, destitute homes and rehabilitation centres in the nearby areas to provide basic amenities. As a part of this, the students visited Aruvi Rehabilitation Centre at Koonamoochi and distributed the necessities.
- ❖ The NSS unit visited the Nirmal Sadanam at Edakkalathur, a centre for the physically and mentally challenged people and provided some necessities.
- ❖ The NSS unit provided financial assistance to organizations like Kerala Blind Association (Rs4000), the unit gave Rs 6000 to Mr.Sivadasan, a blind person for his surgery, and Rs 3000 to Mr.Biju who suffered from brain tumour. The NSS volunteers as a part of the programme “Sahodarikku Oru Kaithangu” initiated by the Mathrubhoomi, collected Rs 8000 and donated the amount for aassisting the Chennai Flood Victims.
- ❖ A Street Play on “Surakshitha Veedhikal SannadhaManasukal” was performed by our students at Kunnamkulam Bus Stand in association with the Police authorities and ACTS unit.
- ❖ Onam Kit Distribution (including 5 kgs of rice,and seven stationary items) was done and 15 poor families in the adopted area of Kandanassery Grama Panchayath were benefited.
- ❖ The unit also started Tapioca farming and the beneficiaries were the inmates of Aruvi Rehabilitation centre.
- ❖ The Department of Economics conducts a course on “Digital Banking” for empowering the Kudumbasree members. The students in the department distributed Onam Kits for 10 poor families in Kandanassery panchayath. The students organize frequent visits to Guruvayur Old Age Home- Agathimanthiram. Along with NSS unit the students of the department distributed study materials for Attapadi tribal students and Anganvadi students, Ariyannur.
- ❖ The Department of Bio-chemistry conducted a class on “Jam and Squash Preparation” for local people of Ariyannur. Advices on food habits are also given to the locals by the faculty and students.
- ❖ The Department of Functional English. contributed dress, books, and bags to the students of Attapadi under the aegis of Mathrubhoomi club FM.
- ❖ The Department of Chemistry trained the Kudumbasree unit to make soap and soap powder. Waste management classes are regularly given to them like the waste disposing method, Pipe Compost.

- ❖ The Department of Commerce conducted a training programme on “Auditing and Accounting” which helps the Kudumbasree unit to update their book of accounts.
- ❖ The NCC unit regularly conducts cycle rallies in the college locality and in the nearby Municipality areas to spread the messages of Anti-terrorism and Anti-drug awareness.
- ❖ On auspicious days like Independence Days, the NCC unit is engaged in various social service activities like cleaning public places, visiting old age homes and providing necessities, providing food for disabled and people affected by autism.
- ❖ Every year NCC cadets celebrate Environmental Day by planting trees, and conducts awareness classes on various environmental issues.

Blood donation and Detection Camps

- ❖ A blood donating unit is functioning in our College and every year we are conducting Blood Donation camps and detection camps under the leadership of NSS and NCC units. The willing students are donating blood and other students are encouraged to become a part of this noble deed. The institution is aiming to inculcate the faith in the innate goodness of mankind and strives to infuse social responsibility in the minds of students. A blood group directory is available in our college from which several people are getting benefited.
- ❖ An awareness programme on “Jeevandayani” project (mobile application forum of blood donors) was given to the public and the students visited almost 100 houses in Kandanassery panchayath and collected the names, blood groups and phone numbers of the people who were willing to donate their blood.
- ❖ The NSS volunteers, teachers and other students of the college are regularly donating blood and have proved their potential slogan “Rakthadhanam Mahadhanam”.
- ❖ Blood Donation Campaigns, awareness classes, rallies, street plays, essay competitions and many other programmes are frequently conducted. “Thanking You for Saving my Life”, another slogan for Blood donation rally organized by the NSS unit, affirming the need of showing compassion and consideration to the needy.

Pain and palliative Care:

- ❖ In order to support the Pain and Palliative care Unit, from 2013 onwards we have started a programme “One Day One Rupee Programme”, through which we are collecting one rupee from the students every day.
- ❖ The NSS unit actively participated in the activities of Pain and Palliative care centres of Thrissur and Guruvayur with the objectives of imparting solace to the suffering patients. All volunteers took part in the rally organized by the society by carrying the placards, promising the messages of co-operation and help for the poor. Our unit collected fund to offer monetary help to the Thrissur Pain and Palliative unit through their entrustee, Mrs V Sathy Devi, our former faculty in English, (unit member of Pain and Palliative care unit, Thrissur).

- ❖ Cultural activities in Pain and Palliative are frequently conducted by our students. They took initiative in collecting the details of a few cancer patients and the list was passed on to the Pain and Palliative care Unit.
- ❖ As a part of their activities in association with the Alpha Pain and palliative Care Unit, the NSS unit collected dress items, bags, and other necessary things from the students and teachers of our college, and the college Principal handed over those items to Mr.Sudheer, the PRO of the Alpha Unit, Thrissur.

Sports /Yoga/ Wellness and Nutrition, Life style diseases

- The Department of Biochemistry is offering a one month certificate course on “Health and Nutrition” for the students of all disciplines with an aim of imparting the importance of maintaining good health and how to achieve it by making use of the available food resources.
- The Department of Sanskrit is offering a certificate course on “Yoga: Internal Awareness and Self –management. Yoga is a physical, mental and spiritual discipline. The course aims to improve the personal and public awareness and the science of natural living through Yoga Practice.
- Meditation classes are given to the students by eminent persons to promote the interest of students and kindle their concentration in study and to reduce their mental stress.
- A Yoga centre functions in our college that uses the expertise of the trained faculty. The Physical Education Department conducts Yoga classes for senior citizens in our locality.
- A sports hostel, funded by the Sports Council functions in the college, to meet up the provisions of the sports students. We are privileged to have so many achievers in the District, University, Inter-university and National levels, and International levels in various sports items like Athletics, Cross Country, Cricket, Football, Shuttle-badminton, Ball-badminton, Power lifting, Best physique and so on.
- The Physical Education Department issues Health Card for all students in the college. The Health cards of the students of each class are kept with the department under the custody of the class tutor. Various health parameters are incorporated in the card and frequent monitoring is done. Necessary assistance in the form of physical training, health care and guidance is provided to ensure the physical health of the students.

Extra Activities

- ❖ To enhance the literary taste and creative writing skill of the students, the department of English has a Blog “Magic Casement”.
- ❖ Hand- written magazines “Mazhavithukal”, “Random Musings” are regularly published by students of English Department.
- ❖ The Department of English and Functional English conducted a workshop on Cinematography and Sri. Sijoy Jose, a renowned cinematographer, addressed the students.

- ❖ A TRI MASTER QUIZ is regularly conducted by the NSS unit to unearth the knowledge of students. The questions are based on topics of contemporary relevance and the competition is monitored by teachers of various departments. The students of all departments actively participate and cash prizes are given for three winning teams.
- ❖ The NCC unit regularly observes ‘Vigilance Awareness Week’ and anti-corruption awareness classes are provided for the NCC cadets.
- ❖ The final year students of the English Department maintain a reflective journal in connection with Women’s Studies. This encourages them to record their observations on contemporary life and think critically.
- ❖ The Department of English and Functional English conducted a seminar on “The Language of Anchoring” and Smt.SreejaShyam, Senior Sub-editor Mathrubhoomi shared her valuable thoughts with the students.
- ❖ Two well-known media celebrities, Priya Elavallymadom, Chief Reporter, Asianet News and Sanub Sasidharan, Principal Correspondent, MediaOne TV, enlightened the students of English Department, on the positives and negatives of the Media profession.
- ❖ Students of English Department have held interviews with renowned personalities like K. Madhavan Pillai, the eminent translator (2014), Shri Sooryakrishnamurthy, a well known Theatre Personality (2014), Padmashri Madhu, Veteran Actor, Director, and Producer (2017) in connection with the completion of their project work which of course lend authenticity to their work.
- ❖ For the last several years students from the Department of Functional English have been publishing newspaper as a part of their curriculum, Creative Writing. Students published hand written magazines (Vocable Fiesta, Chaos of Letters) that showcases the literary sensibilities of the students.
- ❖ The Mural Institute and Kerala Kalamandalam conducted art appreciation workshops for the students of Sanskrit Department.
- ❖ The students of the Sanskrit Department visited Kalanilayam of Guruvayur Devaswom, as a part of their project work in Krishnanattom.
- ❖ Students have done project work in the Mural painting and visited the Mural Institute, Guruvayur Devaswom.
- ❖ Short term courses for generating interest in ‘Mural Painting’, ‘Bhagavad-Gita and Management’, ‘Mudras in Kerala Theatre’ are being conducted by the Department of Sanskrit.
- ❖ Students did project work in Manuscript Library, Guruvayur Devaswom.
- ❖ A study camp on Aksharaslokam was organized by the Department of Sanskrit for the students of all Departments.
- ❖ Every week, the faculty of the college observes KHADI DAY, in order to promote indigenous industry and to inculcate the spirit of patriotism in the students
- ❖ A Weapon Show was organized for the NCC cadets.
- ❖ Important days like Kargil Divas, Bombay Terror Attacks Day are regularly observed by the NCC cadets.

- ❖ Every year, World Yoga Day is observed by the NCC, and regular practical classes in Yoga are given to the NCC cadets.
- ❖ Our NCC cadets participate in various camps like Combined Annual Training Camps, RD camps, National Integration Camps, Basic Leadership Camps, Tal Sainik Camps, Army Attachment Camps, Trekking and adventurous camps, Basic Mountaineering Camps and so on. Many of our cadets had received prizes in various competitions held in these camps. By participating in these camps, the students get an opportunity to interact with NCC cadets of different parts of India.
- ❖ An Orientation class was conducted for the students under the guidance of Mr. Arun, Assistant Professor, Vidya Engineering College, Thrissur with an aim of developing proper aptitude and knowledge in E- Governance and to spread this concept among the public. More than 50 students were given training in order to implement E-Governance in the college.
- ❖ The Botany Department is regularly organizing study tours for the UG students. The students visit ecologically important areas and a detailed report on the flora is submitted during their practical examinations. The PG students are also taken for a collection trip to Tuticorin and Thikkodi for marine algae collection. An extensive higher plant collection is conducted during the final year of PG in various regions of the Nilgiri Biosphere Reserve.
- ❖ The department of Malayalam took their students to the following places. Palakkad Fort, Kerala Sahitya Academy, Lalitha Kala Academy, Kunjan Nambyar Smaraka, Edakkal Caves, Wayanad. Hill Palace Tripunithara.

Various Clubs (Science, Literary, commerce, Debate/Quiz, ED, career clubs)

Entrepreneurial Club: The College has an Entrepreneurial Development Club to motivate students to become masters of their own destiny rather than being part of others destiny vis-à-vis job seekers. The club functions under dynamic leadership of Commerce Department and various programmes like practical classes on the manufacture of LED bulbs, Agarbathis, and chinks were given by external faculties. Special coaching classes were conducted for the benefit of Kudumbasree members to enable them to hone up their skills and to empower them.

Bio- Diversity Club and Nature Club: The activities of the Bio-Diversity club and Nature Club of Sreekrishna College are ably guided by Dr .Harinarayanan of the Botany Department. The maintenance of the college Botanical Garden and conservation of some rare species of plants in a small area aptly named “Shantisthal” are the highlights of this club. The planting of tree saplings, awareness drives to promote an ecological culture and study-tours to promote ecological awareness are some of the activities organized by these clubs.

The Red- Ribbon Club: The Club regularly conducts rallies as a part of Aids Day on every December 1. The unit conducted awareness campaigns with the exhibition of various pictures pointing out the intensity of Aids and the volunteers were well informed of the increasing death percentage due to AIDS in various countries of the world. The students circulated pamphlets and notices in the

campus and nearby areas to enlighten the public about this deadly disease. Awareness programmes on various STD's were given by eminent physicians from nearby hospitals.

Reader's Club: A Reader's Club was inaugurated under the aegis of the English Association and the Department of English in connection with the Reading Week 2015 to pay tribute to the memory of Dr. P.N. Panikkar, the father of the literary movement in Kerala. Dr Sarathchandran of the English Department inaugurated its activities and every year, inter-departmental literary quiz competitions focusing on English and Malayalam literature are regularly conducted. The Reader's Club aims at promoting and reviving enthusiasm for reading among the students.

Research Club is working in which a research article in a peer-reviewed journal is discussed once in every week and the students share the methodologies discussed in the concerned paper. Department wise quiz competitions are regularly held for the UG students related to their core subjects and current affairs.

Theatre Club is functioning as a part of Theatre studies curriculum in the Department of Functional English. The final year students are divided in to various groups for enacting celebrated plays. The students are scripting plays.

Film club: The Functional English department produced a short film named "Black Board" with the guidance of the former faculty, Mr. Roopesh Kumar. The screening of Classical films is done in the media room of the college. A workshop on the Introduction of Film Studies was done by Dr. T.M Muraleedharan. "Just a Minute", a photo exhibition was organized by the students of Functional English Department.

Chemzone, a student-teacher interface introduced by the department of Chemistry is functioning in our college. It conducts inter-class quiz competitions and general seminars.

Physics Forum, functions in our college, under the able guidance of the Research Department of Physics from January 2017 onwards. It is a platform for scientific interactions

Research Cafe, a novel initiative of the Department of Economics provides an exclusive informal platform for discussing various research areas of the faculty, students, and the community.

Quiz Club functions under the patronage of History Department and various quiz competitions are conducted in connection with important days like Gandhi Jayanthi.

Association with Local, self Government, non-government Organization

- The Economics Department has association with CWRDM, KIRTADS, CDS, KILA, SPICE BOARD CALICUT, NORKA, Accounts Academy, Thrissur, Kuthambully Weaver's Association, Cottage Industries like Pappadam Unit, Pottery makers, MSME, Thrissur
- The Department of Chemistry is conducting various programmes in association with the Pain and Palliative Society (Life Care Movement Society, Guruvayur).

- The Department of Sanskrit conducted workshops on Indian Sanskrit Theatre in association with International Centre for Koodiattam.
- The Sanskrit Department, in collaboration with Dwaipayana Foundation, Guruvayur, is working on a research publication on Sanskrit Theatre, Krishnanattom, based on the interaction with Prof. Martha Austen Bush Sikora (Rtd. Prof.of Theatre, California University) and eminent Scholars on Theatre.
- Conducted workshops on Classical art forms in association with SPICMACAY, a non-government organization for promoting art and culture.
- Conducted workshops on Kerala Classical Theatre in association with POORVI, a non-government organization for the promotion of Classical art forms.
- Conducted scholarly interactions with traditional Vedic scholars of Brahmaswom Madhom , Thrissur, a centre for promoting Vedic tradition of India.
- Post Graduate students of the Department participated in the traditional Vakarthavicharasadas in collaboration with Kadavallloor Anyonya Parishad, centre for Vedic chanting.
- Conducted lecture demonstration classes in music in collaboration with BSS cultural Mission.
- Students of the Department underwent training in music in Kaladarsan Institute of Dance and Music recognized by Kaladarsan Institute of Dance & Music recognised by Kerala SangeethaNataka Academy.

Media Linkages

- Dr. K.V. Vasudevan, Department of Sanskrit, delivered talks on aesthetics, philosophy and Ayurveda in All India Radio. He also writes articles on philosophy and culture in periodicals.
- Dr. Lakshmi Sankar, is regularly participating in intellectual discourses on Mahabharata (Bharathadarsanam) in Amrita T.V. for the last twelve years. She is a renowned media person and is anchoring several interviews on DD Malayalam Channel. Many eminent personalities in the field of art and culture are being interviewed regularly. She is one of the distinguished orators in the field of art and literature and does enlightening talks on philosophy and culture through All India Radio. She had visited more than ten countries across the world for delivering lectures and those experiences are encompassed in her travelogue writings, published in *Janayugam*.
- Sri. Sethumadhavan Machad, Programme Executive, Doordarsan Kendram, Thiruvananthapuram delivered a talk on new trends in Eastern Criticism.
- Sri Hari S. Kartha, Senior Editor, Amritha T.V. conducted a workshop on Visual Media Journalism.
- Sri. Nidheesh Gopi, Guest Lecturer, Dept. Of Sanskrit Sahitya, Govt. Sanskrit College, Thiruvananthapuram (Sanskrit Short Film maker and News Reader, Janam T.V.) conducted a short film workshop on short film making in Sanskrit.
- Post Graduate students of the department are running a weekly online cultural programme in Sanskrit titled 'Samskritayanam'.

- The faculty of the Department of Physics delivers regular talks on scientific and contemporary issues like “Mobile Phones and its Hazards “through AIR.

Library Linkages

- Manuscript Library, Guruvayur.
- KanippayyurSankaranNampoothirippadSmaraka Library, Kunnamkulam.
- Manuscript Library, Govt. Sanskrit College, Tripunithura.
- Rashtriya Sanskrit Sansthan Deemed University, Purantukara (Guruvayur Campus) Library.
- Kerala Kalamandalam Deemed University Library, Cheruthuruthy, Kerala.
- Kerala SahityaAcademy .
- Central and Department Library, University of Calicut.
- Central and Department Library, SSUS, Kalady.

Research Linkages

- The faculty of the Department of Sanskrit are research guides in Kerala Kalamandalam Deemed University, Cheruthuruthy, and Amritha Viswavidyapeedom, Deemed University.
- The Department of Botany has excellent research linkages with Malabar Botanical Garden and KFRI for the identification of new medicinal plants.
- The Department of Botany has research linkages with RGCM, TVM in identifying new species which are effective against colon cancer and cervical cell lines.
- The department of Physics has research linkages with C-MET,Thrissur, CUSAT, CSIR-NIIST, Trivandrum, IIA, CESS, Trivandrum, VIT, Vellore.
- The department of Economics has research linkages with University of Derby, London.

Academic Linkages

- In academic linkage with Kerala Kalamandalam Deemed University, the department of Sanskrit organized a workshop on ‘The Aesthetics of Kathakali’ led by Dr. P. Kannan, Campus Director, Kerala Kalamandalam Deemed University, Cheruthuruthy, Kerala
- The department of Sanskrit organized a workshop on ‘The Methodology of Sanskrit Teaching’ for Higher Secondary Teachers in collaboration with Govt. Sanskrit Higher Secondary School Tripunithura and Sri. Sankaranarayanan, Principal, Govt. Sanskrit Higher Secondary School Tripunithura delivered a lecture on the feasible placements in the field of Sanskrit in India and abroad.
- The faculty of the department of Sanskrit conducted workshops on *Sastraic* subjects on Sanskrit in linkage with Rashtriya Sanskrit Sansthan Deemed University, Puranattukara .

- The Department of Sanskrit organized a textual workshop on Vedantaparibhasa with the support of the Department of Vedanta, Sri Sankara University of Sanskrit, Kalady.
- As a part of faculty exchange programme, the faculties from Sri Vyasa NSS College and Sri Kerala Varma College, Departments of Sanskrit visited our college and addressed the students.
- The Department of Botany has academic linkages with SN College, Chempazhenthly.
- Two faculty members, Dr Rajesh K.R, and Dr Jayasankar.M, have project linkages with the eminent institutes of The Oregon State University and The University of New Jersey in US under the UGC US- Raman Fellowship Schemes.
- Dr Ambili..K, Department of Economics has project linkages with the University of Derby.
- Dr Haridayal K.S, Department of Physical Education, is a member in the Calicut University Team Selectors Committee and the Manager of Calicut University Football Team (Men) that won the South Zone and All India Inter-University Championship.

7.3 Best Practices

7.3.1 Elaborate on any two best practices as per the annexed format which have contributed to the achievement of the Institutional Objectives and/or contributed to the quality improvement of the core activities of the college.

Best Practice-1

Organic Farming

Goal:

The aim of the institution is not only to achieve academic excellence but also to make one realize his or her filial duty towards Nature, towards himself and his fellow beings. The aim of this practice is to inculcate scientific awareness for creating a healthy atmosphere, procuring safe food, and generating income for sustainable self-sufficiency among the local community.

The Context

Organic farming is an integrated farming system that strives for sustainability, self-sufficiency, soil fertility and biological diversity prohibiting pesticides, anti-biotics, synthetic fertilizers, growth hormones and genetically modified organisms. Organic Agriculture is an efficient production system that sustains the health of the soil, ecosystem and people. It relies on ecological processes, biodiversity and natural cycles pertaining to local climatic conditions. The present world is in the clutches of a variety of life style diseases like diabetes, cancer,

obesity and so on. By taking all these into consideration, the NSS unit along with other students and faculty of the college decided to create an Organic farming system inside the campus. For the smooth functioning of this initiative we are assisted by the Kerala Agriculture University, Mannuthy and the Krishibhavans in our locality.

The Principles and Practice:

As a preliminary step, the students were given awareness classes by distinguished persons from Agriculture University and KrishiBhavan, Koonamoochi. Apart from that, the NSS programme officers were given training in Organic Farming and they were successful in guiding our students and faculty in creating an agrarian aura in our campus. The present generation is alien to the agrarian tradition that was followed by our ancestors in Kerala which earned her a fabulous name “GOD’S OWN COUNTRY”. We have deviated far from that culture in the pursuit of gaining prestige and status in society that in turn led to untimely deaths due to various life style diseases. This new venture in our institution is to recapture those by- gone days, during which we nurtured and maintained a healthy relationship with Nature. The students are convinced of their duties and responsibilities towards themselves, nature and future generations. Through the practice of Organic Farming, the interconnectedness between Nature and Man is reiterated. The students are given practical training in food production from the available resources. They get a golden chance to interact with the sublimity of nature and help them to know much about her. Thus, the students and teachers play an important role in maintaining the eco-diversity of the campus.

Methods Followed

Maintaining the Soil Fertility of the Campus: Sufficient care is taken to maintain the fertility of the soil in the campus. The organic waste materials are composed using the techniques of vermi-compost and pipe-compost and this organic manure is utilized for the vegetation in the campus.

Vermi-Composting

An innovative process initially developed by the Department of Zoology to maintain a pollution free campus is supplementing our Organic Farming to a great extent. Organic solid waste management by employing earthworms has multifarious role to play in a developing country like India. Firstly, it makes way for the utilization of available organic wastes to produce the rich source of organic manure of high quality and is produced within a short span of six weeks. This method is the best way of guarding the environment as it is produced by the activity of selected species of earth worms. It is very relevant here to quote a line by Aristotle “Worms are the Intestines of the Earth”. The use of worms to convert decomposing organic waste into nutrient-rich fertilizer is simple, inexpensive, and energy efficient, and indeed a great way to teach students to become life-long

recyclers. The use of vermi-compost fulfils the requirements of Organic Farming as it plays an important role in improving the growth and yield of different field crops like vegetable, flower and fruit crops.

Pipe Composting

We have started a pipe- composting system in our campus to degrade the organic matter in an efficient manner. The wastes are deposited in these pipes and the mouth of the pipe is covered using a polythene sheet and the waste is allowed to decompose naturally. Within two months organic manure is ready for use. This method is very cost effective and a natural method to fertilize the soil.

To control pests, diseases and weeds:

To be successful in organic farming we must not regard every insect as a pest, every plant out of place as a weed and use an artificial chemical spray. The aim is not to eradicate all pests and weeds, but to keep them down to an acceptable level and reap the maximum benefits that they may provide. Utmost care is taken in the selection of different varieties of crops. Preference is given to pest-resistant varieties and natural pesticides like Neem-Soap Solution, pseudomonas etc., are used for further protection.

All the departments in the college and the non-teaching staff are actively involved in this practice, thus reducing the problem of acute labour existing in the field of agriculture. Specific areas are allotted to various departments and students of that department are assigned to facilitate the farming in that area. Timely Watering, Manuring, Weeding, Cropping and Harvesting are done by the respective students in an effective manner. The faculty and students are earnestly trying to procure maximum outcome from this farming system. They try various methods and share many new techniques in organic farming from the ideas that they have gathered from the nearby areas and traditional farmers. We have adopted various methods for the enhancement of this farming system. In the beginning, we practiced the Grow Bag system in our campus. Later on we adopted direct plantation and seedling plantations. We have cultivated different varieties of Banana, Chilly, Brinjal, Lady's Finger, Cabbage, Tomato, Spinach, Tapioca and Legumes.

Evidence of Success

A good yield was harvested from the cultivation done in our campus. From this experience, the students and faculty have gained a lot of ideas regarding organic farming and its techniques. We invited some of the traditional farmers in our locality and they shared with us the various intricacies involved in different farming systems. We also collected a good variety of seeds from these farmers for further cultivation. They were given a chance to interact with our faculty and students and they felt privileged to be a part of our new venture. Our college has more than 1500 students and by educating and familiarizing them with organic

farming, we are trying to propagate this system to more than 1500 families. And really it is one of our primary objectives to disseminate the knowledge and practice of organic farming among the public sphere. We have taken baby steps and the students are encouraged to explore the green vistas of knowledge. Our institution, through these initiations, is heading towards a Green Protocol. The path of preserving the green eco- system lies before us and it is the duty of every individual to safeguard it for framing a glorious and green future ahead.

Problems Encountered and Resources Required

Scarcity of water during summer season and non-availability of labour force during the months of April and May.

Contact Details:

Name of the Principal	Prof. D Jayaprasad
Name of the Institution	Sreekrishna College, Guruvayur
City	Thrissur
Pin-Code	680102
Accredited Status	B ++
Official Number	04885-239013,04885-235027
Website	www.sreekrishnacollege.in
Mobile	9446389705
Fax	04885- 239013
Email	sreekrishnacollegeguruvayur@yahoo.co.in

Best Practice 2

Operation Annapoorna

Goals:

The project “Operation Annapoorna” launched by the NSS is an innovative programme of the NSS to serve the hungry and the needy. Once in a week, almost fifty-five lunch packets are distributed to the destitute in the nearby areas. The main aim of this programme is to instill the values of brotherhood, compassion and an attitude of service in the minds of the youth. They are given a chance to have first-hand knowledge about the difficulties faced by their fellow beings living around them. Another objective of this initiative is to educate the students about the role of food in human life. It tries to reaffirm the truth that food is equal to God and it is the noblest service to provide food for the poverty- stricken and the disabled.

The Principles and Practice

The motto of the NSS is “Not me but you”. Its purpose is to serve society without any bias through its activities in colleges and Universities. The students have an all round development by partaking in the activities of the NSS. The declared objective of NSS is continuity and a positive change in the life around us. The NSS unit of Sreekrishna College is non-pareil in its endeavour to serve the society. It focuses on nurturing social commitment and instilling the values of community life in the minds of students. The College was established to cater the educational needs of the rural Ariyannur and its adjacent places. Needless to say, the students come from economically and socially disadvantaged sections of the society. Naturally the perceptions of the institution are shaped in such a way that a strong sense of social commitment directs its ventures and moulds its goals. The social upliftment through a value- based system of learning forms the core of our existence.

Why we selected Annapoorna Mission: The Context

In spite of the tall claim of an egalitarian society, the acute economic disparity leaves the average student conscience-stricken and stunned. The focus on the severe desperation of the deprived and the destitute make them aware of the severe state of penury of these people and goad them into voluntary acts of kindness. The students are given awareness classes on the need to preserve food materials and to reduce its wastage in any form. The message intended to be conveyed through this programme is the expansion of our minds to share the food that we have, instead of wasting it.

Operation Annapoorna started operating in our college from August 15, 2015 onwards. From that day onwards, every Wednesday we are distributing more than 55 food packets collected from students and faculty in the college. The families of the students are indirectly participating in this noble cause. All the students are contributing food packets by following a rotation method. Thus each student gets a chance to be a part of this charitable work. The food packets are collected from various departments and are distributed with the help of a social welfare organization “Athazhakoottam”. On auspicious days like Independence Day, Republic Day, World Health Day around 200 food packets are collected and distributed directly to the public by our students.

Evidence of Success

Every year so many students are leaving this college after completing their graduation. All these value-added thoughts and practices would help them to improve their character and outlook. The faculty and the non-teaching staff are generously participating and sponsoring financial support for the incessant functioning of this initiative. The aim of this operation is to satisfy the mind of the destitute and poor people. The students go out into the public in search of the destitute and disabled residing in roadsides and slums and it is an attractive

feature of this programme. Nothing other than feeding the starving people would satiate their feelings. The warm smile on the face of those people is itself the strong evidence of success. They recognize our students and are eagerly waiting for our food packets. The food packets are distributed to the by standers of the patients in District Hospitals and Devaswom Hospital, Guruvayur, Mattom PHC, hospitals in Kunnankulam, and Choondal. This initiative came as an article in one of the famous dailies. *The organization “Athazhakootam” acknowledged our never-ending service to humanity by honouring us with a memento of appreciation.*

Contact Details:

Name of the Principal	Prof. D Jayaprasad
Name of the Institution	Sreekrishna College, Guruvayur
City	Thrissur
Pin-Code	680102
Accredited Status	B ++
Office Number	04885-239013,04885-235027
Website	www.sreekrishnacollege.in
Mobile	9446389705
Fax	04885- 239013
Email	sreekrishnacollegeguruvayur@yahoo.co.in

Annexure 1

Sln0	Name of the Alumni Members	Designation
1	Late Most Rev. Joseph Mar Koorilose	Primate and Senior Metropolitan of the Old Orthodox Church of (Malabar Independent Syrian Church), Thozhiyur
2	Shri.Ujala Ramachandran	MD, Ujala
3	Shri. C. Gopinathan	Accountant General
4	K. Govindan	Malayalam Short Story Writer
5	Adv. C.N. Radhakrishnan	Supreme Court
6	Shri. K.A Mohandas	Author, Script Writer
7	Shri. Harindranath. A	Scientist,SAHA institute OF Nuclear Physics
8	Rtd. Prof. Subramanyan	Govt. Training College
9	Shri. Kanipayyur Parameswaran Nampoothiri	Renowned Vasthu Architect

10	Shri. Ram Mohan Cheeroth	Attorney, New York
11	Dr. K.M Krishnan	Reader , School of Letters
12	Mr. Mohammed Anas	Olympian , Rio Olympics
13	Mr. Kunjumammed	Olympian , Rio Olympics
14	Fr. Julius Arakkal	Joint –Director, Amala Institute of Medical Sciences
15	Shri. Vidyasagar	Scientist, NASA
16	Mr. C.P John	Member, Kerala State Planning Board
17	Dr. A. C Velayudhan	Famous Neurologist
18	Dr. Geevar Saccharia	Famous Cardiologist
19	C.A. Narayanankutty	Chief Financial Officer, KPMG Group, Dubai
20	Shri. O.AbduRahamankutty	Politician
21	Shri. T. Rajan	Rtd Additional District Magistrate
22	Just.. K.T. Sankaran	Justice, Kerala High Court
23	Shri. Thrissur C Rajendran	Violinist, AIR Staff Artist
24	Shri.ParameswaranNampoothiri	SIB Manager ,GuruvayurDevaswom Member
25	Dr. P.V Ouseph	Professor, Kalady
26	Shri A.K Vasudevan	Rtd Additional District Magistrate
27	Shri T. C Khalid	Chairman , Silk
28	Shri Siddarthak. K	Secretariat of Kerala
29	Most Rev. Father VarghesePalathikal	Director Pope Paul Mercy Home
30	Dr. Rajan Chungath	Researcher, Photographer, Writer
31	Shri. P.T Kunjumammed	MLA, Film Producer
32	Shri. Rafeeq Ahmad	Lyricist and Poet
33	Shri. Dharmakeerthi	President, KRISP UAE CHAPTER
34	Shri. Purushothaman	Executive member ,KRISP UAE CHAPTER
35	Shri. Antony	Executive member ,KRISP UAE CHAPTER
36	Shri. C.N Jayadevan	MP, Thrissur
37	Adv .V.Balaram	EX-MLA
38	Shri . A.V Vallabhan	PSC member
39	Shri. K. K .Bakkar	Man of literature

40	Adv. T.S Ajith	Bar Council of India
41	Dr. BabuAmbatt	Scientist
42	Adv. V T Balaram	MLA, Thrithala
43	Mr. Harindranath A	SAHA, Institute of Nuclear Physics
44	Dr A. Krishnadas	Chief Physician, Good Shepherd Hospital, Waynad
45	Shri. Thekkumuri Haridas	High Commission of India, C/o Ministry of Foreign Affairs
46	Shri. C.N Radhakrishnan	Special Counsel to Govt of Kerala, Kerala High Court (1964-66)
47	Shri. Ullas M.V	Standing Committee Chairman, Kunnankulam
48	Shri. C.V Baby	Chairman, Kunnankulam Municipality
49	Shri. Kunjumon	Retd. HOD ,Mathematics Department, Farook College, Kozhikode
50	Shri. Vasudevan A.K	Rtd Thahsildar
51	Shri. Parameswaran N.B	Accountant General Office, Thrissur
52	Dr. Sindhu E. A	Assistant Professor, Malabar Cancer Research Centre, Thalassery
53	Shri. Madhu	Head of Bio-chemistry lab, Daya Hospital, Thrissur
54	Shri.K.V Mohanan	HOD of Botany, Calicut University
55	Shri. Suresh K.K	Joint Registrar, University of Calicut
56	Shri.Jayanthi. A	Scientist
57	Shri.Sreejith K	Scientist, KFRI
58	ShriHarinarayanan C.M	Scientist, CMPR
59	Shri KS Sudarsan	DySP
60	Shri Mohammed Areej	Assistant Professor , Asmabi College, Kodungallur
61	Shri. AppanMenon	Attorney in Newyork
62	Dr Krishnan Madppatt	Texas San Antonio College
63	Mr. Suryanarayanan	CEO, ICICI, London

64	Dr. Rajan	Professor, Otta University, Canada
65	Shri. N. Rajasekharan	SIB
66	Shri. K. Vijayakumar	Scientist, BARK
67	Dr. JestinMandupal	Scientist ,Germany
68	Dr. Haridas	Professor, IIT, Delhi
69	Shri. Ajayan	Health Inspector
70	Shri. Unnikrishnan	Forensic Officer
71	Dr. Binoy	Assistant Professor, IISc Bangalore
72	Shri. Midhun.K.K	Reporter ,Janam TV
73	Shri. M.K Devarajan	Director
74	Shri. K Mohandas	Writer and Academician
75	Sri. PriyaElavallimadam	Chief Reporter, Asianet News
76	Smt. Sreeja Shyam	Senior Sub-editor, Mathrubhoomi
77	Shri. Sanup Sasidharan	Principal Correspondant, Media One TV
78	Smt. Jisha Kallingal	Mathrubhoomi
79	Smt. Nima	Cine-Artist
80	Shri Sandeep Das	Editor ,Mathrubhoomi
81	Shri Alsyn Benny	Theatre Artist, JANAPHERA

Department of English

Year of establishment	1967		
Name of Programmes/ Courses offered(UG/PG/MPhil/PhD etc)	UG PROGRAMME BA ENGLISH		
Names of the interdisciplinary courses and departments involved	OPEN COURSE APPLIED LANGUAGE SKILLS		
Annual/semester/choice based credit system (Programme wise)	SEMESTER CBCSS		
Participation of the department in the courses offered by other departments	OPEN COURSES OFFERED BY VARIOUS DEPARTMENTS, COMPLEMENTARY, LANGUAGE		
Courses in collaboration with other Universities, industries, foreign institutions etc	NIL		
Details of Courses/Programmes discontinued(if any) with reason	NIL;		
Number of teaching posts sanctioned and filled		Sanctioned	Filled
	Associate Professors	3	3
	Assistant Professors	1	1
	Adhoc faculties	3	3

Faculty Profile 2016- 17

Name	Designation	Qualifications	Experience			Specialisation
			Teaching	Research	Other	
P. RADHIKA MENON	ASSOCIATE PROFESSOR	MA	29 YEARS			
K.GEETHA	ASSOCIATE PROFESSOR	MA, MPHIL	29 YEARS			
V.S SASIKALA	ASSOCIATE PROFESSOR	MA	24 YEARS			
NITHA RAJAGOPAL	ASSISTANT PROFESSOR	MA	4 YEARS			

Faculty Profile 2015- 16

Name	Designation	Qualifications	Experience			Specialisation
			Teaching	Research	Other	
P. RADHIKA MENON	ASSOCIATE PROFESSOR	MA	28 YEARS			
K.GEETHA	ASSOCIATE PROFESSOR	MA, MPHIL	28 YEARS			
V.S SASIKALA	ASSOCIATE PROFESSOR	MA	23 YEARS			
NITHA RAJAGOPAL	ASSISTANT PROFESSOR	MA	3 YEARS			
DR.SARATCHANDRAN S	ASSOCIATE PROFESSOR	MA,PHD	31 YEARS			
MINI KUNNATH	ASSOCIATE PROFESSOR	MA	33 YEARS			

Faculty Profile 2014-15

Name	Designation	Qualifications	Experience			Specialisation
			Teaching	Research	Other	
P. RADHIKA MENON	ASSOCIATE PROFESSOR	MA	27 YEARS			
K.GEETHA	ASSOCIATE PROFESSOR	MA, MPHIL	27 YEARS			
V.S SASIKALA	ASSOCIATE PROFESSOR	MA	22 YEARS			
NITHA RAJAGOPAL	ASSISTANT PROFESSOR	MA	2 YEARS			
SARATCHANDRAN	ASSOCIATE	MA	30			

S	PROFESSOR		YEARS			
MINI KUNNATH	ASSOCIATE PROFESSOR	MA	32 YEARS			

Faculty Profile 2013-14

Name	Designation	Qualifications	Experience			Specialisation
P. RADHIKA MENON	ASSOCIATE PROFESSOR	MA	Teaching 26 YEARS	Research	Other	
K.GEETHA	ASSOCIATE PROFESSOR	MA, MPHIL	26YEARS			
V.S SASIKALA	ASSOCIATE PROFESSOR	MA	21 YEARS			
NITHA RAJAGOPAL	ASSISTANT PROFESSOR	MA	1 YEARS			
SARATCHANDRAN S	ASSOCIATE PROFESSOR	MA	29 YEARS			
MINI KUNNATH	ASSOCIATE PROFESSOR	MA	31 YEARS			
T SHAILA	ASSOCIATE PROFESSOR	MA	32 YEARS			

Faculty Profile 2012-13

Name	Designation	Qualifications	Experience			Specialisation
P. RADHIKA MENON	ASSOCIATE PROFESSOR	MA	Teaching 25 YEARS	Research	Other	
K.GEETHA	ASSOCIATE PROFESSOR	MA, MPHIL	25YEARS			
V.S SASIKALA	ASSOCIATE PROFESSOR	MA	20 YEARS			
V SATHIDEVI	ASSOCIATE PROFESSOR	MA	33 YEARS			
SARATCHANDRAN S	ASSOCIATE PROFESSOR	MA	28 YEARS			
MINI KUNNATH	ASSOCIATE PROFESSOR	MA	30 YEARS			
T SHAILA	ASSOCIATE PROFESSOR	MA	31 YEARS			
M R KRISHNAN NAMBOOTHIRI	ASSOCIATE PROFESSOR	MA	18 YEARS			

Faculty On Contract 2014-15

Name	Designation	Qualifications	Experience			Specialisation
			Teaching	Research	Other	
ANUPAMA A	JUNIOR LECTURER	MA,	1 YEARS			

Faculty On Contract 2015- 16

Name	Designation	Qualifications	Experience			Specialisation
			Teaching	Research	Other	
ANUPAMA A	JUNIOR LECTURER	MA,	2 YEARS			
SOYA JOSEPH	JUNIOR LECTURER	MA	4 MONTHS			
ARCHANA K	JUNIOR LECTURER	MA BED	4 MONTHS			

Faculty On Contract 2016 – 17

Name	Designation	Qualifications	Experience			Specialisation
			Teaching	Research	Other	
AMRITHA VENUGOPAL	JUNIOR LECTURER	MA, MPHIL	½ YEAR			
VARSHA T.R	JUNIOR LECTURER	MA, BED	4 YEARS			
NEETHU M.B	JUNIOR LECTURER	MA, BED	2 ½ YEARS			

Senior Visiting Faculties

Name	Designation	Qualifications	Experience			Specialisation
			Teaching	Research	Other	

Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty (in %)

Year	UG (THEORY CLASSES)			
2012-13	NIL			
2013-14	NIL			
2014-15	15%- ANUPAMA			
2015-16	30%- ANUPAMA, SOYA JOSEPH, ARCHANA K			
2016-17	43%-AMRITHA, NEETHU, VARSHA			

Student Teacher Ratio (Programme wise)

Year	UG: MAIN GENERAL	PG	NIL
2012-13	1:40	1:70	
2013-14	1:40	1:70	
2014-15	1:40	1:70	
2015-16	1:40	1:70	
Number of academic support staff		NIL	
Number of teaching faculty with PhD		1 (2015-16)	
Number of teaching faculty with Mphil		1 (2012-15) , 2 (2016-17)	
Number of teaching faculty with PG NET		5	
Number of teaching faculty with other qualifications (if yes specify)		NIL	
Number of faculty with ongoing projects from a) National b) International funding agencies and grants received		NIL	
Departmental projects funded by DSTFIST;DBT, ICSSR, etc. and grants received		Funding Agency	Amount Sanctioned
		NIL	
Research Facility / Centre with recognized by the University		NIL	

Publication details by faculty and students

Name of the faculty	DR .S SARATCHANDRAN
b) Number of papers published in peer reviewed journals(b.1. national/b.2.International)	2. INTERNATIONAL,2015
Number of publications listed in international Database(For eg: Web of Science, Scopus ,Humanities International Complete, Dare Database International Social Sciences Directory, EBSCO host, etc.)	
Name of the faculty	DR. MR KRISHNAN NAMPUTHIRI
b) Number of papers published in peer reviewed journals(b.1. national/b.2.International)	1. INTERNATIONAL, 2. NATIONAL,2013
Name of the faculty	NITHA RAJAGOPAL
b) Number of papers published in peer reviewed journals(b.1. national/b.2.International)	9. NATIONAL, 2012-2016
Name of the faculty	ANUPAMA .A
b) Number of papers published in peer reviewed journals(b.1. national/b.2.International)	2. NATIONAL,2015
Name of the faculty	SOYA JOSEPH
b) Number of papers published in peer reviewed journals(b.1. national/b.2.International)	3.NATIONAL, 2015
Monographs	NIL
e) Chapter in Books	NIL
f) Books Edited	NIL
g) Books with ISB/ISSN numbers with details of publishers	NIL
h) Citation Index	NIL
i) SNIP	NIL
j) SJR	NIL
k) Impact factor	NIL

Faculty as members in National committees b) International Committees c) Editorial Boards

Name of the faculty	Committee/ Board

Student projects

Year		Number of students	Percentage
2012-13	In house projects		
	Other organisations		
2013-14	In house projects		
	Other organisations		
2014-15	In house projects		
	Other organisations		
2015-16	In house projects		
	Other organisations		

Awards and Honours Faculty

Name of faculty	Award/ Honor	Agency
DR. S SARATCHANDRAN	PhD	KARUNYA UNIVERSITY, COIMBATORE

Awards and Honours Students

Name of student	Award/ Honor/Rank	Agency
SURYA M.S 3 RD BA ENGLISH 2012-2013	ENDOWMENT PRIZE	M.P BALAKRISHNA MENON ENDOWMENT PRIZE
ATHULYA .K.G 3 RD BA ENGLISH 2013-2014	ENDOWMENT PRIZE	M.P BALAKRISHNA MENON ENDOWMENT PRIZE
ANAGHA E 2014-2015	ENDOWMENT PRIZE	M.P BALAKRISHNA MENON ENDOWMENT PRIZE
GREESHMA .M.S 2015-2016	ENDOWMENT PRIZE	M.P BALAKRISHNA

		MENON ENDOWMENT PRIZE
ANISREE KANDARATH JAYARAJ 2015-2016	ENDOWMENT PRIZE	SRI .N.THANGAPPAN MEMORIAL PRIZE
ARJUN CRK 3 RD BA ENGLISH 2015-16	APPOINTED AS QTR GUARD; TABLE PARADE AT THE NATIONAL INTEGRATION CAMP, UDAIPUR, CONDUCTED BY NCC GROUP HEADQUARTERS UDAIPUR	NCC DIRECTORATE RAJASTHAN, NCC GROUP HEADQUARTERS UDAIPUR
ARJUN CRK 3 RD BA ENGLISH 2015-16	REPRESENTED HIS NCC DIRECTORATE AT THE ANNUAL NCC REPUBLIC DAY CAMP AND THE PRIME MINISTER'S RALLY HELD AT NEW DELHI	NCC DIRECTORATE KERALA
INDU K. 2 ND BA ENGLISH,2015-16	FIRST IN VERSIFICATION	D-ZONE COMPETITION

List of eminent academicians and scientists/ visitors to the department

Dignitary	Status
Smt. SUJATHA NAIR	DIRECTOR, INSTITUTE OF COMMUNICATION STUDIES
Sri. JAYAPRAKASH	ASSISTANT PROFESSOR, GVT WOMEN'S POLYTECHNIC. THRISSUR
DR. SUNDERSINGH	HOD, DEPARTMENT OF ELT, KARUNYA UNIVERSITY, COIMBATORE
DR T.M.MURALIDHARAN	RETIRED HOD, DEPARTMENT OF ENGLISH, ST. ALOYSIUS COLLEGE
SANOOB SASIDHARAN	MEDIA ONE CHANNEL
PRIYA ELAVALLYMADOM	CHIEF REPORTER, ASIANET NEWS
SREEJA SHYAM	SENIOR SUB EDITOR, MATHRUBHUMI NEWS
Dr GOPINATHAN	HOD, DEPARTMENT OF COMMERCE

Seminars/ Conferences/Workshops organized & the source of funding

National	Event	Date	Funding Agency
International			
Regional			
Other			

Student profile programme/course wise

Year	Applications for merit seats are received in the University		Selected(both management and merit seats)		Enrolled		Pass percentag	
	UG	PG	UG	PG	UG	PG	UG	PG
2013	2000		40		40		66%	
2014	CAP		40		40		80%	
2015	CAP		40		40		76%	
2016	CAP		40		40		51%	

Diversity of Students

Year	Students from the State	Students from other States LAKSHADWEEP	Students from other countries
2013	40	0	
2014	40	0	
2015	40	0	
2016	40	1	

How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.

Year	NET	SET	SLET	GATE	Civil Service	PSC/UPSC	Any other
2013							
2014	1						
2015							
2016		1.					

Student progression

	2012-13	2013-14	2014-15	2015-16
UG to PG	9	10	11	5
PG to MPhil				
PG to PhD				
PhD to Post Doc				
Employed				
• Campus selection				1
• Other than campus	4	3	1	4
Entrepreneurship/Self-employment	1	2		

Details of Infrastructural facilities

1 personal computer with internet facility 1 canon laser printer Well equipped library Three class rooms Our department library has 1570 books
--

Number of students receiving financial assistance from college, university, government or other agencies:

Year	College	University	Government or other agencies
2012-13	NIL		NIL
2013-14	NIL		NIL
2014-15	NIL		NIL
2015-16	NIL		NIL

SC/ST OEC ELIGIBLE OBC AND ELIGIBLE GENERAL ARE RECEIVING FINANCIAL ASSISTANCE FROM GOVERNMENT.

Teaching methods adopted to improve student learning:	
	Discussions Seminars Project Review Assignments on New Technologies

Details on student enrichment programmes (special lectures/workshops / seminar) With external experts.
<p>Inter departmental Quiz Competition under the auspices of the reader's club.2015 Seminar on Media conducted by the department involving eminent persons from media. Participation of our students in Payasamela organized by the department of Bio-chemistry during Onam (2014-15 and 2015-16) Two Students from 2nd B A English participated in the inter-collegiate quiz competition on Shakespeare organized by the department of English, MES College, Ponnani 2016 (Haritha Haridasan and Amrutha Sudhakar) The students from our department participated in "Nattarivu", an exhibition on the indigenous knowledge about herbs and culinarypractices.2016 We observe various significant days like Women's Day, World Aids Day, World Environmental Day and so on. The students of our department participate in the interdepartmental Art Festival conducted by the college Union.</p> <p>Bridge Course: We conduct a few orientation sessions at the commencement of every academic year to acclimatize our freshers to the curriculum and the demands of college life.</p>

	Poster making on new trends Remedial coaching for slow learning students
Participation in Institutional Social Responsibility (ISR) and Extension activities	Counselling for students, maintaining a close rapport with the students, a certificate course on English for Competitive Examinations for students of all disciplines.

SWOT analysis of the department and Future plans

Strength	Rapport with the students Involving with the students to solve their problems, provides financial aid to needy students, grooming of students to contribute to their personality development and all round growth, good contact with alumnae
Weakness	Lack of PG course, lack of funds, lack of infrastructure, meeting with alumnae to be strengthened at the official level
Opportunities	A good collection of books
Threats	Early marriage of girl students. However, we give them all encouragement and support to continue their studies and majority of them complete their course successfully. Lack of working days due to unexpected reasons like hartals, which we compensate for by working on Saturdays and holidays.
Future plans	To open up new vistas of knowledge in Literature as well as in various forms of art. Aiming at the overall development of the students. Inauguration of a Film Club.

Name of the Department: Economics

Year of establishment	1964		
Name of Programmes/ Courses offered(UG/PG/MPhil/PhD etc)	B A ECONOMICS		
Names of the interdisciplinary courses and departments involved	Open course provided by the Department for non Economic students is “Economics for everyday Life”		
Annual/semester/choice based credit system (Programme wise)	Choice Based Credit Semester System		
Participation of the department in the courses offered by other departments	Students are encouraged to select open courses of their choice in other departments. Indian Constitution and Politics and Indian History are the Complimentary courses that the students are studying as part of their curriculum which is offered by other departments. Malayalam Hindi and Sanskrit are the second language courses opted by students.		
Courses in collaboration with other Universities, industries, foreign institutions etc	Nil		
Details of Courses/Programmes discontinued(if any) with reason	Nil		
Number of teaching posts sanctioned and filled		Sanctioned	Filled
	Associate Professors	Nil	Nil
	Assistant Professors	3	2
	Adhoc faculties	1	1

Faculty Profile

Name	Designation	Qualifications	Experience			Specialisation
			Teaching	Research	Other	
Dr K D Bahuleyan	Associate Professor	M A PhD	33	20		
Prof. Jothy V	Associate Professor	M A	32			
Prof. M T ThulasiBhai	Associate Professor	M A	23			
DrAmbili K	Asst Prof	M A NET B Ed MPhil PhD	9	9	3	Econometrics Agriculture Economics International Economics
MsHimaHari U	Asst Prof	M A NET B Ed M Phil	2	3	0	Migration Kerala Economy Quantitative Techniques

Faculty on Contract

Name	Designation	Qualifications	Experience			Specialisation
			Teaching	Research	Other	
Nivya	Guest Lecturer	M A NET	0	0	0	Macro Economics Micro Economics Gender Economics
Bini C B	Guest Lecturer	M A NET	3	0	B Ed	Public Finance Monetary Economics
Anju C Mohan	Guest Lecturer	M A M Phil	1	1	0	Monetary Economics

Senior Visiting Faculties

Name	Designation	Qualifications	Experience			Specialisation
			Teaching	Research	Other	

Percentage of lectures delivered and practical classes handled(programme wise) by temporary faculty (in %)

Year	Permanent	Guest	Guest	
2012-13	100			
2013-14	80	20		
2014-15	35	35	30	
2015-16	70	30		
2016-17	70	30		

Student Teacher Ratio (Programme wise)

Year	UG	PG
2012-13	1:60	
2013-14	1:60	
2014-15	1:60	
2015-16	1:60	
2016-17	1:60	
Number of academic support staff		Nil
Number of teaching faculty with PhD		One (2012-13) One (2015-2016)
Number of teaching faculty with Mphil		Three
Number of teaching faculty with PG NET		Three
Number of teaching faculty with other qualifications (if yes specify)		Two (B Ed)
Number of faculty with ongoing projects from a) National b) International funding agencies and grants received		Submitted a project to UGC UKIERI in collaboration with University of Derby (Awaiting for the sanction)
Departmental projects funded by DSTFIST;DBT, ICSSR, etc. and grants received	Funding Agency	Amount Sanctioned
	Nil	
Research Facility / Centre with recognized by the University		Nil

Publication details by faculty and students

Name of the faculty	DrAmbili K
b) Number of papers published in peer reviewed journals(b.1. national/b.2.International)	Total Publication: 7 b. 1) 5 b.2) 3
Number of publications listed in international Database(For eg: Web of Science, Scopus ,Humanities International Complete, Dare Database International Social Sciences Directory, EBSCO host, etc.)	NIL
Monographs	
e) Chapter in Books	1

f) Books Edited	1
g) Books with ISB/ISSN numbers with details of publishers	NIL
h) Citation Index	NIL
i) SNIP	NIL
j) SJR	NIL
k) Impact factor	NIL

Name of the faculty	MsHimaHari U
b) Number of papers published in peer reviewed journals(b.1. national/b.2.International)	Total Number of publication: 7 b. 1)1 b.2) 6
Number of publications listed in international Database(For eg: Web of Science, Scopus ,Humanities International Complete, Dare Database International Social Sciences Directory, EBSCO host, etc.)	Nil
Monographs	Nil
e) Chapter in Books	Nil
f) Books Edited	Nil
g) Books with ISB/ISSN numbers with details of publishers	Nil
h) Citation Index	Nil
i) SNIP	Nil
j) SJR	Nil
k) Impact factor	Nil

Name of the faculty	MsAnju C Mohan
b) Number of papers published in peer reviewed journals(b.1. national/b.2.International)	Total Number of Publications: 1 b. 1) 1
Number of publications listed in international Database(For eg: Web of Science, Scopus ,Humanities International Complete, Dare Database International Social Sciences Directory, EBSCO host, etc.)	Nil
Monographs	Nil
e) Chapter in Books	Nil
f) Books Edited	Nil
g) Books with ISB/ISSN numbers with details of publishers	Nil
h) Citation Index	Nil
i) SNIP	Nil
j) SJR	Nil
k) Impact factor	Nil

Faculty as members in National committees b) International Committees c) Editorial Boards

Name of the faculty	Committee/ Board
	Nil

Student projects

Year		Number of students	Percentage
2012-13	In house projects	60	100
	Other organisations		
2013-14	In house projects	60	100
	Other organisations		
2014-15	In house projects	60	100
	Other organisations		
2015-16	In house projects	60	100
	Other organisations		

Awards and Honours Faculty

Name of faculty	Award/ Honor	Agency
DrAmbili K	FLAIR International Internship	Kerala State Higher Education Council

Awards and Honours Students

Name of student	Award/ Honor/Rank	Agency

List of eminent academicians and scientists/ visitors to the department

Dignitary	Status
Dr K X Joseph (2014)	Director IUC Dr John MathaicultureAranattukara
Dr K P Mani (2014)	Professor, Dr John MathaicultureAranattukara
Dr E G Ranjit Kumar(2015)	Director MBA Programme, Kerala Agriculture University
Dr D Ratnaraj (2015)	Professor, Dr John MathaicultureAranattukara
DrSomanKadaloor (2016)	HOD, Folklore Department, University of Calicut
DrShyjan D	Assistant Professor Dr John MathaicultureAranattukara

Seminars/ Conferences/Workshops organized & the source of funding

National	Event	Date	Funding Agency
International	Nil	Nil	Nil
Regional	Nil	Nil	Nil
Other (for students of the department)	Research Methodology	Dec 2015	Own
	Basic Econometrics	Feb 2014	Own

Student profile programme/course wise

Year	Applications for merit seats are received in the University		Selected(both management and merit seats)		Enrolled		Pass Percentage	
	UG	PG	UG	PG	UG	PG	UG	PG
2012-13			60		60		92	
2013-14			60		60		84	
2014-15			60		60		86	
2015-16			62		62		80	

Diversity of Students

Year	Students from the State	Students from other States	Students from other countries
2012-13		1	
2013-14		0	
2014-15		1	
2015-16		0	

How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.

Year	NET	SET	SLET	GATE	Civil Service	PSC/UPSC	Any other
2012-13							
2013-14							
2014-15							
2015-16							1 (Army)

Student progression

	2012-13	2013-14	2014-15	2015-16
UG to PG	30%	40%	30%	32.2%
PG to MPhil				
PG to PhD				
PhD to Post Doc				
Employed				
• Campus selection				
• Other than campus				
Entrepreneurship/Self-employment				

Details of Infrastructural facilities

Three class rooms Our department library has almost 430 books
--

Number of students receiving financial assistance from college, university, government or other agencies:

Year	College
2012-13	SC/ST/OEC/eligible OBC/ eligible General Students are receiving financial aid from the Government of Kerala
2013-14	
2014-15	
2015-16	

Details on student enrichment programmes (special lectures/workshops / seminar) With external experts.

<p>Workshop on research methodology Workshop on Basic Econometrics Workshop on Digital banking 2012-13 10+10+10 students (SSP) 2013-14 10+10+10 students (SSP) Certificate course on Digital Banking</p>

Teaching methods adopted to improve student learning:	
	Discussions Seminars Debates Project discussions Discussions on special topics Assignments on New Technologies Exhibition on emerging issues Remedial coaching for slow learning students Peer teaching
Participation in Institutional Social Responsibility (ISR) and Extension activities	Special coaching for slow learners Counseling for students Parent meetings Mentoring Swatch Bharath

SWOT analysis of the department and Future plans

Strength	Regular teacher- parent relationship Academic Excellence Dedicated Faculty Student Strength
Weakness	Annual alumnae meeting to be strengthened Lack of PG Course Shortage of Fund Shortage of other Courses
Opportunities	Career prospects Rural Area Participation of more Girl students Marginalised Students
Threats	Time limitation due to syllabus completion Lack of funds IT facility Own Computer lab
Future plans	Applying for PG Course National seminar Technology enhanced learning Own Computer lab

Name of the Department: MALAYALAM

Year of establishment	UG - 1981	PG - 20-10-2001	
Name of Programmes/ Courses offered(UG/PG/MPhil/PhD etc)	B A MALAYALAM LANGUAGE & LITERATURE	M A MALAYALAM WITH JOURNALISM	
Names of the interdisciplinary courses and departments involved			
Annual/semester/choice based credit system (Programme wise)	choice based credit system	choice based credit system	
Participation of the department in the courses offered by other departments	Open course Sanskrit	Sanskrit	
Courses in collaboration with other Universities, industries, foreign institutions etc			
Details of Courses/Programmes discontinued(if any) with reason			
Number of teaching posts sanctioned and filled		Sanctioned	Filled
	Associate Professors		
	Assistant Professors	9	3
	Adhoc faculties		

Faculty Profile

Name	Designation	Qualifications	Experience			Specialisation
			Teaching	Research	Other	
M K JOSHY	Assoc. Professor	M A ,	32yrs			
DR. KALAMOL T K	Asst. Professor	M A, B. Ed, Ph.D,				
REENA A M	Asst. Professor	M A, M. Ed	6yrs			
SREELATHA E	Asst. Professor	M A, B. Ed	4yrs			
MAYA S NAIR	Asst. Professor	M A, M .Phil, B .Ed	6yrs			

Faculty on Contract

Name	Designation	Qualifications	Experience			Specialisation
			Teaching	Research	Other	
DR. BIJI K B	Guest. Lecturer	M A, B. Ed, M .Phil, Ph .D	3 yrs	5yrs		
VIJITHA P	”	M A, B. Ed	3yrs			
ANITHA E V	”	M A, B. Ed	9yrs			
SARI P S	”	M A, B. Ed				
DEEPA N A	”	M A, B. Ed				
SUNITHA A	”	M A, M .Phil, B. Ed,				

Senior Visiting Faculties

Name	Designation	Qualifications	Experience			Specialisation
			Teaching	Research	Other	
DR. K. SANKARANUNNI	Retd .Assoc. Professor (HOD)	M A ,M .Phil, Ph.D	33yrs			
Prof. P NARAYANA MENON	Retd. Prof.					

Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty (in %)

Year	UG	PG		
2012-13	80%	100%		
2013-14	0%	100%		
2014-15	100%	25%		
2015-16	100%	25%		

Student Teacher Ratio (Programme wise)

Year	UG	PG
2012-13	1: 20	1:12
2013-14	1:20	1:12
2014-15	1:20	1:12
2015-16	1:20	1:12
Number of academic support staff		9
Number of teaching faculty with PhD		1
Number of teaching faculty with Mphil		3
Number of teaching faculty with PG NET		9
Number of teaching faculty with other qualifications (if yes specify)		2 (M .Ed, Add.PG,Post Doctorate)
Number of faculty with ongoing projects from a) National b) International funding agencies and grants received		
Departmental projects funded by DSTFIST;DBT, ICSSR, etc. and grants received		Funding Agency
		Amount Sanctioned
Research Facility / Centre with recognized by the University		

Publication details by faculty and students

Name of the faculty	
b) Number of papers published in peer reviewed journals(b.1. national/b.2.International)	
Number of publications listed in international Database(For eg: Web of Science, Scopus ,Humanities International Complete, Dare Database International Social Sciences Directory, EBSCO host, etc.)	

Monographs	
e) Chapter in Books	2
f) Books Edited	1
g) Books with ISB/ISSN numbers with details of publishers	
h) Citation Index	
i) SNIP	
j) SJR	
k) Impact factor	

Faculty as members in National committees b) International Committees c) Editorial Boards

Name of the faculty	Committee/ Board

Student projects

Year		Number of students		Percentage	
		UG	PG	UG	PG
2012-13	In house projects	14	12	100%	100%
	Other organisations				
2013-14	In house projects	16	14	94.12%	100%
	Other organisations				
2014-15	In house projects	15	15	100%	93.75%
	Other organisations				
2015-16	In house projects	27	11	100%	84.62%
	Other organisations				

Awards and Honours Faculty

Name of faculty	Award/ Honor	Agency

Awards and Honours Students

Name of student	Award/ Honor/Rank	Agency
ATHIRA. U	Best Actress Award (keralolthsavam)	GOVERNMENT OF KERALA

List of eminent academicians and scientists/ visitors to the department

Dignitary	Status
Prof . P NARAYANAMENON	Retd. Prof & Academician.
DR. S K VASANTHAN	Historian & Academician
DR . SHORANUR KAARTHIKEYAN	Prof. & Writer
DR . SUNEETHA T V	Prof. & Writer
DR. RAGHAVAN VETTATH	Ayurvedic physician & Writer
DR. V G THAMPI	Retd . Prof, Writer & Poet
Prof. K.P Sankaran	Retd. Prof, and critic
Dr. P.V Krishnan Nair	Critic
Prof. Viju Nayarangadi	Prof and Poet

Seminars/ Conferences/Workshops organized & the source of funding

	Event	Date	Funding Agency
National	SEMINAR	2017 MARCH 13,14	UGC
International			
Regional			
Other	THREWORKSHOPS	31.03.2015 01.11.2016 13,14.03.2017	Malayalam Department

Student profile programme/course wise (SINGLE WINDOW –UNIVERSITY)

Year	Applications for merit seats are received in the University		Selected(both management and merit seats)		Enrolled		Pass percentage	
	UG	PG	UG	PG	UG	PG	UG	PG
2012-2013			28	15	28	15	57.1	75
2013-2014			36	18	36	18	63.2	85.7
2014-2015			33	14	33	14	76	79
2015-2016			39	14	39	14	55.6	

2016-2017			39	18	39	18		

Diversity of Students

Year	Students from the State	Students from other States	Students from other countries
2012-13	100%		
2013-14	100%		
2014-15	100%		
2015-16	100%		

How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.

Year	NET	JRF	SET	SLET	GATE	Civil Service	PSC/UPSC	Any other
2012-13								1 (Defence - Indian Army)
2013-14		1						
2014-15	1	1						1(Defence - Indian Army)
2015-16	1							1(Defence - Indian Army)

Student progression

	2012-13	2013-14	2014-15	2015-16
UG to PG				
PG to M.Phil		2		
PG to PhD			1	1
PhD to Post Doc				
Employed				
• Campus selection				
• Other than campus				
Entrepreneurship/Self-employment				

Details of Infrastructural facilities

Examples

1 Desktop
 1 canon printer
 Well equipped library
 Five class rooms
 Our department library has almost 3063 books

Number of students receiving financial assistance from college, university, government or other agencies:

Year	College	University	Government or other agencies
2012-13			8+5
2013-14			16
2014-15			7+3
2015-16			12+2

Details on student enrichment programmes (special lectures/workshops / seminar) With external experts.

Workshops on visual text and cognition
 Workshop on spoken English
 Extension Talk by experts on reading, research methodology and contemporary reading on Ramayana.
 Remedial Coaching

Teaching methods adopted to improve student learning:

example

Discussions
 Seminars
 Project Review
 Documentry
 Assignments on New Technologies
 Poster making on new trends
 Remedial coaching for slow learning students

Participation in Institutional Social Responsibility (ISR) and Extension activities	example Counseling
---	------------------------------

SWOT analysis of the department and Future plans

Strength	Example <ul style="list-style-type: none"> • Academic Excellence • Generous financial Contribution to the needy students and society • Keen awareness of social responsibility among the faculty and students • PTSA-Parent Teacher and Students Association • Strengthened Alumni • Retd . Faculties are always available & co-operative with us
Weakness	<ul style="list-style-type: none"> • Shortage of Permanent Teachers • Classrooms are not sufficient space for the strength • Lack of smart class room & language lab • Staff room is not sufficient • There is no staff for Dept. Library • Shortage of fund for dept. activities
Opportunities	<ul style="list-style-type: none"> • Well strengthened library • Students got chance to higher education and employed in various areas
Threats	Time limitation due to syllabus completion Lack of funds and dropouts
Future plans s	

Name of the Department: Sanskrit

Year of establishment	1964		
Name of Programmes/ Courses offered(UG/PG/MPhil/PhD etc)	BA- Sanskrit Language and Literature PG: M.A Sanskrit General		
Names of the interdisciplinary courses and departments involved	NIL		
Annual/semester/choice based credit system (Programme wise)	SEMESTER (UG-Programme PG- Programme)		
Participation of the department in the courses offered by other departments	Open course offered by the departments of Zoology, Botany, Economics, History, English and Physical Education		
Courses in collaboration with other Universities, industries, foreign institutions etc	NIL		
Details of Courses/Programmes discontinued(if any) with reason	NIL		
Number of teaching posts sanctioned and filled		Sanctioned	Filled
	Associate Professors	2	2
	Assistant Professors	3	3

	Adhoc faculties	0	0
--	-----------------	---	---

Faculty Profile

Name	Designation	Qualifications	Experience			Specialisation
			Teaching	Research	Other	
Dr. E.S.Devaky	Associate Professor (Rtd)	M.A., MPhil, PhD	30	2 years on FIP		Sanskrit Poetics and Dramaturgy
Dr. K.V. Vasudevan	Associate Professor (Rtd)	M.A., MPhil, PhD	31	3 years		Sanskrit Literature, Mimamsa and Theatre
Dr. Lakshmi Sankar	Assistant Professor	MA, Ph.D	06	3 Years		Sanskrit Vedanta, Cultural studies, Epic Studies
Dr. Sudha E.K	Assistant Professor	MA, BEd, Ph.D	06	5 Years		Sanskrit Sahitya and Vyakarana
Dr. Viswaja S Nair	Assistant Professor	MA, BEd, M.Phil, Ph.D	01	05 Years		Sanskrit Vyakarana

Faculty on Contract

Name	Designation	Qualifications	Experience			Specialisation
			Teaching	Research	Other	
Dr. O.K Shyju	Guest Lecturer	MA, M.Phil, Ph.D	3 Years	5 Years		Sanskrit Sahitya and Manuscriptology
Dr. Nidheesh M.G	Guest Lecturer	MA, BEd, Ph.D	6 months	3 Years		Sanskrit Sahitya and Flim making
Dr. K. Rohini	Guest Lecturer	MA, BEd, , Ph.D	6 months	3 Years		Sanskrit Sahitya
Seema V.B	Guest Lecturer	MA, BEd	6 Years	Nil		Vedanta Philosophy
Divya V.U	Guest	MA, M.Phil	3 Years	Research		Sanskrit Sahitya

	Lecturer			h Sholar In SSUS Kalady		
Shilpa.N.S	Guest Lecturer	MA,M.Phil, B.Ed	6 months	Researc h Scholar , SSUS , Kalady		Sanskrit Vyakarana
Sruthi.P.A	Guest Lecturer	MA,M.Phil	1 Year	Researc h Scholar , In Univers ity of Calicut		Nyaya Philosophy
Chipsy. E.R	Guest Lecturer	MA,M.Phil	1 Year	! year		Sanskrit Sahitya

Senior Visiting Faculties

Name	Designation	Qualifications	Experience			Specialisation
			Teaching	Research	Other	

Percentage of lectures delivered and practical classes handled (programmed wise) by temporary faculty (in %)

Year	Lecture			
2012-13	nil			
2013-14	14% (Newly Sanctioned PG Started)			
2014-15	70%			

2015-16	70%			
---------	-----	--	--	--

Student Teacher Ratio (Programme wise)

Year	UG	PG	
2012-13	15:1	NIL	
2013-14	16:1	3:2	
2014-15	16:1	8:5	
2015-16	16:1	3:1	
Number of academic support staff		4 Permanent (2012-2013) 4 Permanent and 1 Guest (2013-2014) New P G Course Started 3 Permanent 5 Guest (2014-2015) 3 Permanent 5 Guest (2015-2016)	
Number of teaching faculty with PhD		4 (2012) 5(2013) 5(2014) 4(2015) 6 (2016)	
Number of teaching faculty with Mphil		6	
Number of teaching faculty with PG NET		4	
Number of teaching faculty with other qualifications (if yes specify)		Dr Sudha E K, B.Ed Dr Viswaja S Nair, B .Ed	
Number of faculty with ongoing projects from a) National b) International funding agencies and grants received		2 UGC Minor Research Project Dr. Lakshmi Sankar- UGC Minor Research Project,1,50,000/- Dr. Sudha E K- U G C Minor Research Project, 1,65,000/-	
Departmental projects funded by DSTFIST;DBT, ICSSR, etc. and grants received		Funding Agency	Amount Sanctioned
		-	-
Research Facility / Centre with recognized by the University		nil	

Publication details by faculty and students

Name of the faculty	Details attached separately
b) Number of papers published in peer reviewed journals(b.1. national/b.2.International)	Dr. K V Vasudevan ,National- 5 Dr Lakshmi Sankar , National -4 Dr Sudha E K, National-2
Number of publications listed in international Database(For eg: Web of Science, Scopus ,Humanities International Complete, Dare Database International Social Sciences Directory, EBSCO host, etc.)	
Monographs	

e) Chapter in Books	
f) Books Edited	
g) Books with ISB/ISSN numbers with details of publishers	Dr K V Vasudevan - Own Book -3 Dr E K Sudha – Own Book-2
h) Citation Index	5
i) SNIP	
j) SJR	
k) Impact factor	

Faculty as members in National committees b) International Committees c) Editorial Boards

Name of the faculty	Committee/ Board
Dr. K.V Vasudevan	All India Oriental Conference
Dr. Lakshmi Sankar	All India Oriental Conference
Dr. Sudha.E.K	All India Oriental Conference
Dr. Viswaja S Nair	All India Oriental Conference

Student projects

Year		Number of students	Percentage
2012-13	In house projects		
	Other organisations		
2013-14	In house projects		
	Other organisations		
2014-15	In house projects		
	Other organisations		
2015-16	In house projects		
	Other organisations		

Awards and Honours Faculty

Name of faculty	Award/ Honor	Agency
Dr.Sudha.E.K	Sadguru Award for the best teacher in the University of Calicut	University of Calicut

Awards and Honors Students

Name of student	Award/ Honor/Rank	Agency
nil	Nil	

List of eminent academicians and scientists/ visitors to the department

Dignitary	Status
Separate Sheets Attached	List Attached

Seminars/ Conferences/Workshops organized & the source of funding

	Event	Date	Funding Agency
International	Nil		
National	1 Workshop		UGC
Regional	-		
Other	-		

Student profile Programme/course wise

Year	Applications for merit seats are received in the University		Selected(both management and merit seats)		Enrolled		Pass percentage	
	UG	PG	UG	PG	UG	PG	UG	PG
2012-13			21	-	12	-	58%	-
2013-14			17	-	17	-	58%	-
2014-15			24	3	17	3	47.1%	67%
2015-16			26	5	17	4	41.2	100%

Diversity of Students

Year	Students from the State	Students from other States	Students from other countries

2012-13	21	-	-
2013-14	17	-	-
2014-15	27	-	-
2015-16	31	-	-

How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.

Year	NET	SET	SLET	GATE	Civil Service	PSC/UPSC	Any other
2012-13	-	-	-	-	-	1	-
2013-14	-	-	-	-	-	-	-
2014-15	-	-	-	-	-	-	-
2015-16	-	-	-	-	-	-	-

Student progression

	2012-13	2013-14	2014-15	2015-16
UG to PG	9	10	4	5
PG to MPhil	-	-	-	-
PG to PhD		-	-	2
PhD to Post Doc				
Employed				
<ul style="list-style-type: none"> Campus selection 				
<ul style="list-style-type: none"> Other than campus 				
Entrepreneurship/Self-employment				

Details of Infrastructural facilities

1 Personal computer with internet facility 2Laptops 2canon laser printer 5 class rooms Our department library has almost 1600 books

Number of students receiving financial assistance from college, university, government or other agencies:

Year	College	University	Government or other agencies
2012-13			
2013-14			

2014-15			
2015-16			

<p>Details on student enrichment programmes (special lectures/workshops / seminar) With external experts.</p>
<p>Workshops- Textual workshop on Sanskrit Sastraic Subjects, Lecture Demonstration classes on classical art forms of Kerala. Lecture Series- Vanamali Multi disciplinary Lecture series. Special Lectures- Special lectures on the Topics Like , Yoga and Stress Management, Bhagavad Gita and management, Environmental awareness in the Vedas, Sanskrit Studies in the west, NLP in Sanskrit,etc UGC Sponsored National workshops and seminars Remedial coaching for Students</p>

Teaching methods adopted to improve student learning:	
	<p>Discussions Seminars Book Review Power point Presentation on special topics Assignment and Project works on Sanskrit related topics Sanskrit Wall Magazine Remedial coaching for slow learning students Textual Workshops on Sanskrit Sastraic Subjects</p>
Participation in Institutional Social Responsibility (ISR) and Extension activities	<p>1. The students and faculties of the dept. regularly conducting ten day Spoken Sanskrit Programme for Higher Secondary students and for public interested in Sanskrit.</p>

	<p>2. Classes on the appreciation of classical Sanskrit theatre is being conducted by the faculty members of the department.</p> <p>3. Study classes on Bhagavdgita, Vedanta Texts, Aksharasloka classes for public are conducted by the faculty members of the department.</p> <p>4. Discourse on Mahabharatha through a leading Malayalam channel is being conducted by one of the faculty members of the department and through which the essence of Mahabharatha is conveyed to the public.</p> <p>5. The P.G. students of the dept. running an online Sanskrit channel titled Samskrittayanam for popularizing Sanskrit language and rich heritage.</p> <p>6. As a part of Sanskrit awareness programme for public the dept. distributed leaflet, Sanskrit story books and Communicative Sanskrit books for public.</p>
--	--

SWOT analysis of the department and Future plans

Strength	<p>Academic Excellence</p> <p>Generous financial Contribution to the needy students and society</p> <p>Keen awareness of social responsibility among the faculty and students</p> <p>Sanskrit Awareness program for Public.</p>
Weakness	<p>Annual alumnae meeting to be strengthened</p> <p>Research centre should be started</p>

	<p>Shortage of fund Shortage of Books in the library Shortage of Permanent teaching faculties in the department</p>
Opportunities	<p>Highlight rich cultural heritage of Sanskrit Language and its knowledge resources Reinforce the position of Sanskrit Knowledge systems in the world scenario.</p>
Threats	<p>Time limitation due to syllabus completion Lack of funds</p>
Future plans	<p>To be upgraded as research department. Commencing an add-on course in Yoga and Stress Management. A certificate course in Communicative Sanskrit. A certificate course on the appreciation of classical art forms of Kerala. Preservation and propagation of Kerala's Traditional Vedic Chanting System. A Manuscript library for the collection , preservation and publication of manuscripts Plan to release a bilingual interdisciplinary research journal with ISSN No.</p>

Name of the Department

HISTORY

Year of establishment	1964	UG-1979	
Name of Programmes/ Courses offered(UG/PG/MPhil/PhD etc)	UG	HISTORY	
Names of the interdisciplinary courses and departments involved	Historical Tourism (Open Course)		
Annual/semester/choice based credit system (Programme wise)	Choice based credit Semester system		
Participation of the department in the courses offered by other departments	For complementary courses- Social and cultural History of Britain(for B.A English), History of Modern India for (B.A Economics), Indian constitution and Politics for (B.A English and Economics) Open courses& Second Languages		
Courses in collaboration with other Universities, industries, foreign institutions etc	Nil		
Details of Courses/Programmes discontinued(if any) with reason	Nil		
Number of teaching posts sanctioned and filled			Filled
	Associate Professors		
	Assistant Professors	4	4
	Adhoc faculties	nil	nil

Faculty Profile

Name	Designation	Qualifications	Experience			Specialisation
			Teaching	Research	Other	
AJITHA M.U	Asst.Professor	MA.,BEd;NET;SET	8			Kerala history
SUCHITRA V	Asst.Professo	MA;BEd;NET;JRF SET	9			Archaeology
SEENA.M.S	Asst.Professor	MA;BEd;NET;SET	4			Gender studies
Dr.PRASASD M.V	Asst.Professor	MA;NET, M.Phil;PhD	Since 19/08/2013	10 years		International Relations

Faculty on Contract 2012-2013

Name	Designation	Qualifications	Experience			Specialisation
			Teaching	Research	Other	
Shimna K.M	Guest Faculty	M.A	2			
Nasheeda P.A	Guest Faculty	M.A	2			
Misha Sebastian	Guest Faculty	MA.BEd	4			
PrabeenaP.B	Guest Faculty	MA.BEd	5			

Senior Visiting Faculties

Name	Designation	Qualifications	Experience			Specialisation

Percentage of lectures delivered and practical classes handled (program me wise) by temporary faculty (in %)- 2012-2013

Year					
	2012-2013				
Shimna K.B	30%				
Nasheeda P.A	32%				
MIsha Sebastian	34%				
PrabeenaP.B	23%				

Student Teacher Ratio (Program me wise)

Year	UG	PG
2012-13	1:56	
2013-14	1:60	
2014-15	1:60	
2015-16	1:60	
Number of academic support staff		4
Number of teaching faculty with PhD		1
Number of teaching faculty with Mphil		1
Number of teaching faculty with PG NET		4
Number of teaching faculty with other qualifications (if yes specify)		3, B.Ed;SET
Number of faculty with ongoing projects from a) National b) International funding agencies and grants received		1 UGC Minor Project
Departmental projects funded by DSTFIST;DBT, ICSSR, etc. and grants received		Funding Agency
		Amount Sanctioned
Research Facility / Centre with recognized by the University		

Publication details by faculty and students

Name of the faculty	DR Prasad MV ,, Seena M.S
b) Number of papers published in peer reviewed journals(b.1. national/b.2.International)	Three
Number of publications listed in international Database(For eg: Web of Science, Scopus ,Humanities International Complete, Dare Database International Social Sciences Directory, EBSCO host, etc.)	
Monographs	
e) Chapter in Books	
f) Books Edited	
g) Books with ISBN/ISSN numbers with details of publishers	ISBN81-7211-3668 Northern Book Centre New Delhi VISTAS, A Multidisciplinary Research Journal ISSN-2319-5770,e-ISSN:2394-1138
h) Citation Index	
i) SNIP	
j) SJR	
k) Impact factor	

Faculty as members in National committees b) International Committees c) Editorial Boards

Name of the faculty	Committee/ Board

Student projects

Year		Number of students	Percentage
2012-13	In house projects	45	100
	Other organisations		
2013-14	In house projects	42	100
	Other organisations		
2014-15	In house projects	42	100
	Other organisations		
2015-16	In house projects	42	100
	Other organisations		

Awards and Honours Faculty

Name of faculty	Award/ Honor	Agency
DR Prasad M V	Selected national level book Publication 2014-2015	ICSSR New Delhi ,MHRD

Awards and Honours Students

Name of student	Award/ Honor/Rank	Agency
1. ASWANI A	NCC	N National youth Festival ,Haryana IC Maharashtra
2. Athira EP	NSS	

List of eminent academicians and scientists/ visitors to the department

Seminars/ Conferences/Workshops organized & the source of funding

National	Event	Date	Funding Agency
International			
Regional			
Other			

Student profile programme/course wise

Year	Applications for merit seats are received in the University		Selected(both management and merit seats)		Enrolled		Pass percentage	
	UG	PG	UG	PG	UG	PG	UG	PG
2012-2013			39		56		52	
2013-2014					60		38	
2014-2015					60		62	
2015-2016					60		62	
2016-2017					60			

Diversity of Students

Year	Students from the State	Students from other States	Students from other countries
2012-13	All	nil	nil
2013-14	All	nil	nil
2014-15	59	1(Lakshadweep)	nil
2015-16	All	nil	nil
2016-2017	59	1(Lakshadweep)	

How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.

Year	NET	SET	SLET	GATE	Civil Service	PSC/UPSC	Any other
2012-13							
2013-14							
2014-15							
2015-16							

Student progression

	2012-13	2013-14	2014-15	2015-16
UG to PG	5	4	4	4
PG to MPhil				
PG to PhD				
PhD to Post Doc				
Employed				
<ul style="list-style-type: none"> • Campus selection 				
<ul style="list-style-type: none"> • Other than campus 				
Entrepreneurship/Self-employment				

Details of Infrastructural facilities

A computer with printer ,LCD Projector Three class rooms One Department library One staff room

Number of students receiving financial assistance from college, university, government or other agencies:

Year	College	University	Government or other agencies
2012-13			11
2013-14			16
2014-15			14
2015-16			16

Details on student enrichment programmes (special lectures/workshops / seminar)

With external experts.

Interdepartmental Quiz Competition

Field visits

Extension Talk by experts on various subjects related to history

Name	Designation	Oualification	Topic
Prof.Sajith Rajan	Associate Professor (Rtd.Head Department of History Sreekrishna College)	M.A	Modern India
Anish P Rajan	Deputy		Centre-State Economic

IRS	Commissioner,Central Excise and Customs		Relations
Dr.A Sudheer Kumar	Assistant Professor	M.A;PhD	Local History: Problems and Prospects
Dr.Sreevidya Vattarambath	Assistant Professor	M.A;PhD	Methodology of Historical Writing
Dr.Sandhya	Assistant Professor	M.A;PhD	Myth and Reality in Local History Writing
Smt .Tulasi .K.A	Assistant Professor((Former Member of State Women Commission)	M.A	Gender issues: Women in public sphere
Dr.Adarsh	Assistant Professor	M.A;PhD	Archaeological Importance of Megalithic sites
Sri.Anil.A	Director',Chilla',TVM		Trans-Gender and Rights
Dr.Devadas	Associate Professor	M.A;PhD	Archaeology
Teaching methods adopted to improve student learning:		Discussion, Seminar, Poster presentation , peer teaching.	
		Discussions Seminars Project Review Power point Presentation on special topics Poster making on new trends Remedial coaching for slow learning students	
		Parents meet and gave an inspiring talk Counseling Field visit	

SWOT analysis of the department and Future plans

Strength	Academic Excellence Generous financial Contribution to the needy students and society Keen awareness of social responsibility among the faculty and students Significant number of girl students
Weakness	Annual alumnae meeting to be strengthened Lack of PG course Shortage of fund Shortage of other courses First generation learners from low income category High teacher student ratio
Opportunities	Awareness of the protection of archaeological monuments
Threats	Time limitation due to syllabus completion Lack of funds
Future plans	Starting of P.G course, add on courses

CRITERIA – IV

INFRA STRUCTURE AND LEARNING RESOURCES

The Department of History was established in the year 1964, the year of inception of college with Prof. A.K Premajam as Head and Prof. Manickya Vasagan Pillai and Prof.P.P Narayanan Namboodiri as members of the teaching staff. The B.A Degree course in History was started in the year 1979. Now the department has four faculty members .Ajitha.M.U, Ms.Suchitra.V and Smt.Seena M.S serve as History Assistant Professors and Dr. Prasad M.V as Assistant Professor in Political Science.

Core and Complementary papers for B.A History course are the following:-

- 1.HIS1B01- The Trends in Historiography
- 2.HIS2BO2 – History of the early world
- 3.HIS3B03 – Informatics and History
4. HIS3BO4 - History of Early India
- 5.HIS4B05 – History of the Medieval World
6. HIS4B06 – Methodology of Historical Writing
- 7.HIS5B07 – Kerala Society and Culture Ancient and Medieval
8. HIS5B08 – History of Medieval India
9. HIS5B09 – History of Modern India
10. HIS5B10 – History of Modern world
- 11.HIS6B11 – History of Modern Kerala
12. HIS6B12 – History of Contemporary India
13. HIS6B13 – Contemporary Kerala
14. HIS6B14 – Gender Studies
- 15.HIS6B15 – Course work – Dissertation

COMPLEMENTARY COURSE :POLITICAL SCIENCE-

Indian constitution and Political science

NO:of Rooms:5(1 staff room,1 library and 3 class rooms)

2. Library and computer with NET facility,maps,globe.

3.Library

4 Archaeological Museum

DEPARTMENT OF HISTORY

Criteria III – Innovative and Best Practices

1.

2. Remedial teaching to weak students of each semester in the concerned subjects.
a. Distribution of brief notes

b. Question booklets with explanatory answers

c. Group discussions

5. study tour to different places of historical importance

6. No plastic tiffin boxes and bottles, plastic carry bags are not allowed

7. Group discussions and helping the weaker students

8. Seminars conducted by students on each topic and on environmental issues and problems of women.

10. Numismatics club and debate club

13. Maintaining of records like attendance register, library issue register, minutes of staff meeting

14. paper bag making

19. As a part of curriculum project prepared on the issues of gender

DEPARTMENT DETAILS :- PG and Research Department of Botany

Year of establishment	1969 B.Sc	M.Sc-1984	Research-2011
Name of Programmes/ Courses offered(UG/PG/MPhil/PhD etc)	B.Sc Botany	M.Sc Botany (Specialization-Advanced Plant Taxonomy)	Ph.D in Botany
Names of the interdisciplinary courses and departments involved	Open course – Plant Tissue Culture	-	-
Annual/semester/choice based credit system (Programme wise)	CBCSS	CBCSS	Semester
Participation of the department in the courses offered by other departments	Complementary course for B.Sc botany Students Open courses English- First language Malayalam, Hindi and Sanskrit- Second languages	-	-
Courses in collaboration with other Universities, industries, foreign institutions etc	-	-	-
Details of Courses/Programmes discontinued(if any) with reason	-	-	-
Number of teaching posts sanctioned and filled		Sanctioned	Filled
	Associate Professors	5	2
	Assistant Professors	3	3
	Adhoc faculties	-	-

Faculty Profile

2013-14

Name	Designation	Qualifications	Experience			Specialisation
			Teaching	Research	Other	
1	P.Balachandran	M.Sc, M.Phil	33	2	-	Genetics and cytogenetics
2	Dr. G Jayakrishnan	M.Sc Ph.D.	28	7	-	Mycology, Plant pathology
4	Dr. V.K.Jayasree	M.Sc Ph.D.	28	5	-	Angiosperm taxonomy
5	Dr. K.S. Sudha	M.Sc, M.Phil Ph.D.	28	7	-	Cancer biology
6	Dr. P.N Ganesh	M.Sc Ph.D.	25	7	-	Mycology
7	Dr Udayan P.S	M.Sc Ph.D.	3	28.5	-	Angiosperm Taxonomy
8	Dr Harinarayanan	M.Sc Ph.D.	3	15	6	Plant taxonomy, Ecology and Ethnobotany
9	Niranjana M.R	M.Sc,NET	1	-	-	Pteridophyte taxonomy, Biochemistry metabolism, Genetics in crop improvement

2014-15

Name	Designation	Qualifications	Experience			Specialisation
			Teaching	Research	Other	
1	Dr. G Jayakrishnan	M.Sc Ph.D.	29	7	-	Mycology, Plant pathology
2	Dr. V.K.Jayasree	M.Sc Ph.D.	29	5	-	Angiosperm taxonomy
3	Dr. K.S. Sudha	M.Sc, M.Phil Ph.D.	29	7	-	Cancer biology
4	Dr. P.N Ganesh	M.Sc Ph.D.	26	7	-	Mycology
5	Dr Udayan P.S	M.Sc Ph.D.	4	28.5	-	Angiosperm Taxonomy
6	Dr Harinarayanan	M.Sc Ph.D.	4	15	6	Plant taxonomy, Ecology and Ethnobotany
7	Niranjana M.R	M.Sc,NET	2	-	-	Pteridophyte taxonomy, Biochemistry metabolism, Genetics in crop improvement

2015-16

Name	Designation	Qualifications	Experience			Specialisation
			Teaching	Research	Other	
1	Dr. G Jayakrishnan	M.Sc Ph.D.	30	7	-	Mycology, Plant pathology

2	Dr. V.K.Jayasree	M.Sc Ph.D.	30	5	-	Angiosperm taxonomy
3	Dr. K.S. Sudha	M.Sc, M.Phill Ph.D.	30	7	-	Cancer biology
4	Dr Udayan P.S	M.Sc Ph.D.	5	28.5	-	Angiosperm Taxonomy
5	Dr Harinarayanan	M.Sc Ph.D.	5	15	6	Plant taxonomy, Ecology and Ethnobotany
6	Niranjana M.R	M.Sc,NET	3	-	-	Pteridophyte taxonomy, Biochemistry metabolism,Genetics in crop improvement

2016-17

Name	Designation	Qualifications	Experience			Specialisation
			Teaching	Research	Other	
1	Dr. G Jayakrishnan	M.Sc Ph.D.	31	7	-	Mycology, Plant pathology
2	Dr. V.K.Jayasree	M.Sc Ph.D.	31	5	-	Angiosperm taxonomy
3	Dr Udayan P.S	M.Sc Ph.D.	6	28.5	-	Angiosperm Taxonomy
4	Dr Harinarayanan	M.Sc Ph.D.	6	15	6	Plant taxonomy, Ecology and Ethnobotany
5	Niranjana M.R	M.Sc,NET	3.5	-	-	Pteridophyte taxonomy, Biochemistry metabolism,Genetics in crop improvement

Faculty on Contract

Name	Year	Designation	Qualifications	Experience			Specialisation
				Teaching	Research	Other	
Deepa M R	2012-13	Guest lecturer	M.Sc	1	-	-	-
Sreelakshmi K P	2014-15		M.Sc	3	-	-	-
Divya Davis	2014-15		M.Sc	-	-	-	-
Lincy T	2016		M.Sc	3	-	-	-
Soja K	2016		M.Sc	-	-	-	-
Reji Shanker	2016		M.Sc				
Vishnu Mohan	2016	-	M.Sc		-	-	-

Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty (in %)

Year	B.Sc (Theory)	(Practical)	M.Sc Theory	Practical
2012-13	9/18= 50%	4/18=22%	-	No separate hours for practicals

2013-14	-	-	-	-
2014-15	36%	47%	22.%	-
2015-16	82%	72%	17	-

Student Teacher Ratio (Programme wise)

Year	UG	PG
2012-13	27/8	10/8
2013-14	27/8	10/8
2014-15	27/8	10/8
2015-16	27/8	10/8 (Excluding marginal increase)
2016-17	27/8	10/8
Number of academic support staff		Faculty: 8 (5 permanent, 3 guest)(2016) 8 (6 permanent, 2 guest) (2015) 8 (7permanent, 1 guest) (2014) 8 permanent (2013) 7 permanent, 1 guest (2012) Lab Staff: B.Sc-2 (2013 onwards) M.Sc-1 (2013 onwards) Herbarium keeper- 1
Number of teaching faculty with PhD		5(2012) 5 (2013) 6 (2014) 5 (2015) 4 (2016)
Number of teaching faculty with Mphil		4- 2012,13, 3-14,15. 2- 2016
Number of teaching faculty with PG NET		1- 2013 Onwards
Number of teaching faculty with other qualifications (if yes specify)		B.Ed. (1993) Dr. M.K.Harinarayanan FIAAT (2012)- Dr.P.S.Udayan GATE (2012)- Niranjana MR
Number of faculty with ongoing projects from a) National b) International funding agencies and grants received		National <ul style="list-style-type: none"> Dr. P.S.Udayan 2012 – 13:- KSCSTE student Project-10000 2012-2015- UGC minor Project-1,80000 2013-2016- NMPB major project- 41,97,000 2013-2016, Collaborative Project- 11,50,000.(Co investigator) Dr. M.K.Harinarayanan 2012-onwards. Establishment and maintenance of 'Shanthisthal' – A Conservatorium of native Plants- Kerala State Biodiversity Board
Departmental projects funded by DST FIST;DBT, ICSSR, etc. and grants received	Funding Agency	Amount Sanctioned
	NMPB major project	41,97,000
Research Facility / Centre with recognized by the University	Recognized Research centre in Botany, Calicut University	

Publication details by faculty and students

Name of the faculty	
b) Number of papers published in peer reviewed journals(b.1. national/b.2.International)	Dr.G.Jayakrishnan – national:- 2 Dr.K S Sudha- 2 Dr.Jayasree V.K- Dr. M.K.Harinarayanan- 2 national, 2international Niranjana M.R- international-1 Dr P.S Udayan- 7 national, 31-international
Number of publications listed in international Database(For eg: Web of Science, Scopus ,Humanities International Complete, Dare Database International Social Sciences Directory, EBSCO host, etc.)	-
Monographs	-
e) Chapter in Books	11 (Dr. P.S Udayan) 3 (Harinarayanan)
f) Books Edited	-
g) Books with ISBN/ISSN numbers with details of publishers	1
h) Citation Index	406
i) SNIP	
j) SJR	
k) Impact factor	

Faculty as members in National committees b) International Committees c) Editorial Boards: NIL

Faculty members in other professional bodies:

Name of the faculty	Committee/ Board
Harinarayanan M K	Kerala State Biodiversity Board – Member of Technical Support Group for Thrissur District
Dr G Jayakrishnan	Mycological Society of India
Dr PN Ganesh	Mycological Society of India
Dr P S Udayan	FIAAT

Student projects

Year		Number of students	Percentage
2013-14	In house projects	NIL	
	Other organisations		
2014-15	In house projects		
	Other organisations		
2015-16	In house projects		
	Other organisations		

Awards and Honours Faculty

Name of faculty	Award/ Honor	Agency
Dr.Udayan P.S	Best Paper for teachers and Scientists-IAAT 2012- Bhubaneshwar FIAAT 2013 Best Paper 2015 National Award- Dr.Abdul Kalam- Lifetime Achievement award for teaching Research and publication New to Science- 2 new species honoured after Dr.P.S Udayan- <i>Clematis udayanii</i> , <i>Litsea udayanii</i> New species reported – 15 Special achievement- Reported 2 new spp. of <i>Salacia</i> ., common endemic species of which has been found to be effective against colon cancer and cervical cell lines- collaboration with RGCB	IAAT IAAT KSCSTE; UGC International Institute for social and economic reforms., Bengaluru.

Awards and Honours Students

Name of student	Award/ Honor/Rank	Agency
Kum. Soumya	<ul style="list-style-type: none"> Prof. V.V Sivarajan memorial Prize-Top scorer in Plant Taxonomy paper for M.Sc University First Rank holder- 2015 	Department of Botany, University of Calicut Department of Botany, University of Calicut

List of eminent academicians and scientists/ visitors to the department

Dignitary	Status
Dr. N Krishnakumar IFS (2013)	Head and PCCF, Tamilnadu Forest Department, Chennai
Dr. Thomas P Thomas(2014)	Scientist (Rtd.), Kerala Forest Research Institute, Peechi

Seminars/ Conferences/Workshops organized & the source of funding

	Event	Date	Funding Agency
National	'Forest and its Sustainable utilization' - Dr. N Krishnakumar IFS	18.10.2013	local
International	-	-	-
Regional	Workshop for school teachers " World of Microbes"	16.08.2016	Educational Dept , Dist.Panchayath & KSSP
Other	Prof. T Suseela commemoration day functions	January 21 st of every year	Faculties of the Dept

Student profile programme/course wise

Year	Applications for merit seats are received in the University		Selected(both management and merit seats)		Enrolled		Pass percentage	
	UG	PG	UG	PG	UG	PG	UG	PG
2013-14	CAP		30	12	28	12	55.2	100
2014-15	CAP		32	10	28	10	67.9	91.7
2015-16	CAP		34	10	30	10	87	100
2016-	CAP		36	12	-	-	60	100

Diversity of Students

Year	Students from the State	Students from other States	Students from other countries
2012-13	33	0	0
2013-14	30	0	0
2014-15	32	0	0
2015-16	34	0	0

How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.

Year	NET	SET	SLET	GATE	Civil Service	PSC/UPSC	Any other
2012-13	-	2	-	-	-	2	-
2013-14	-	1	-	-	-	-	--
2014-15	2	1	-	-	-	-	-
2015-16	-		-	-	-	-	-

Student progression

	2012-13	2013-14	2014-15	2015-16
UG to PG	1 (tahseen)	1(anantalakshmi)	5(reshma, resmi, aswani, jimson & bincy)	02(shilji, surya,)
PG to MPhil	-	-	1(jiji)	-
PG to PhD	-	-	1(sanil)	2
PhD to Post Doc	-	-	-	-
Employed				
• Campus selection	-	-	-	-
• Other than campus	2(Manish, Selin)	-	1(afeefa)	-

Entrepreneurship/Self-employment	-	-	-	-
----------------------------------	---	---	---	---

Details of Infrastructural facilities

- Well equipped tissue culture lab
- Molecular Biology Lab
- 2 smart class rooms for PG
- 2LCD projectors
- 1 laptop
- 1 desktop
- Epson L350 printer cum scanner and photocopier
- Labomed Stereozoom microscope for Taxonomy
- Labomed monocular microscopes for PG classes-10
- Slide Projector
- PCR thermal cyclers
- Gel doc unit
- BOD incubator
- Refrigerators-3
- Double distillation unit -1
- Vertical autoclave-2
- A library of 2823 books and 4 research journals
- Ultra centrifuge

Number of students receiving financial assistance from college, university, government or other agencies:

Details on student enrichment programmes (special lectures/workshops / seminar) With external experts.
Seminar on-Forest and its Sustainable utilization'- Dr. N Krishnakumar IFS- 18.10 2014

Teaching methods adopted to improve student learning:	
	Discussions Seminars Project Review Power point Presentation on special topics Tie up with other institutes for Student Projects Album preparation-ecological significance Remedial coaching for slow learning students Walk with Scholar programme for selected wards
Participation in Institutional Social Responsibility (ISR) and Extension activities	Promotion of Social forestry in connection with environmental day celebrations Floristic explorations and documentation of neighbouring sacred groves Promotion of Agricultural activities in the campus Awareness lectures on aspects of biodiversity for the students of other departments

SWOT analysis of the department and Future plans

Strength	Example Academic Excellence Generous financial Contribution to the needy students and society- Endowment prizes Keen awareness of social responsibility among the faculty and students Annual Alumni meet- "Harithakam"
Weakness	Shortage of fund Shortage of practical oriented training courses
Opportunities	Well equipped computer lab, molecular biology lab, Tissue culture facility and a herbarium IT facilities
Threats	Time limitation due to syllabus completion Lack of funds Maintenance of Equipments
Future plans	To establish a Fernery in the Botanical Garden To set up a Phytochemistry/ Biochemistry lab

Name of the Department

Physics

Year of establishment	1967 (UG)	1995(PG)	2016(Reseach Center)
Name of Programmes/ Courses offered(UG/PG/MPhil/PhD etc)	B.Sc Physics	M.Sc Physics	Ph. D. Programme in Physics
Names of the interdisciplinary courses and departments involved	.		
Annual/semester/choice based credit system (Programme wise)	Choice Based credit Semester System(CBCSS)	Choice Based credit Semester System(CBCSS)	
Participation of the department in the courses offered by other departments	Open course, complimentary course, Language(Malayalam, Hindi and Sanskrit)		
Courses in collaboration with other Universities, industries, foreign institutions etc	nil		
Details of Courses/Programmes discontinued(if any) with reason	nil		
Number of teaching posts sanctioned and filled		Sanctioned (9)	Filled(8)
	Associate Professors		2
	Assistant Professors		6
	Faculty on contract		1

Faculty Profile 2012-2013

Name	Designation	Qualifications	Experience			Specialisation
			Teaching	Research	Other	
Prof. P. Indiradevi	Associate Professor	M.Sc	33 years			Electronics
Prof. C.Vijayan	Associate Professor	M.Sc, MPhil	33 years			Electronics(M.Sc),Nuclear physics(MPhil)
Dr. Lovely M R	Associate Professor	M.Sc, M.Phil, P.hD	10 years	5 year		Solid State Physics(M.Sc) M.Phil(Fiber Optics) P.hD (solar physics)
Prof.Jalajamani	Associate Professor	MSc	16Years			Electronics
Dr. Geetha K	Assistant Professor	M. Sc., Ph.D	6 years	10 years		Computer Science (MSc) Photonics (Ph.D)
Dr. Vijoy. P. S	Assistant Professor	M. Sc., Ph.D	13 years	7 years		Material science (M. Sc., Ph.D)
Dr.Rajesh. K. R.	Assistant Professor	M. Sc., Ph. D.	3 years	7 years		Electronics(M.Sc) P.hD (Thin Films)

Faculty Profile 2013-2014

Name	Designation	Qualifications	Experience			Specialisation
			Teaching	Research	Other	
Dr. Lovely M R	Associate Professor	M.Sc, M.Phil, P.hD	11 years	5 year		Solid State Physics(M.Sc) M.Phil(Fiber Optics) P.hD (solar physics)
Prof.Jalajamani	Associate Professor	MSc	17Years			Electronics
Dr. Geetha K	Assistant Professor	M. Sc., Ph.D	7 years	10 years		Computer Science (MSc) Photonics (Ph.D)
Dr. Vijoy. P. S	Assistant Professor	M. Sc., Ph.D	14years	7 years		Material science (M. Sc., Ph.D)
Dr.Rajesh. K. R.	Assistant Professor	M. Sc., Ph. D.	4 years	7 years		Electronics(M.Sc) P.hD (Thin Films)
Dr.Nishanth.T	Assistant	M. Sc., M.	4 Years	8 Years		Spectroscopy

	Professor	Phil., Ph. D., RsGIS				(MSc), Applied Spectroscopy (MPhil), Atmospheric Science (PhD)
Dr. Vishnu R.	Assistant Professor	M. Sc., M. Phil., Ph. D.	1 years	11 years		Electronics (MSc) Cloud Physics (PhD)
Dr. Manu K. M.	Assistant Professor	M. Sc., Ph. D.	1 years	7 years		Electronics(M.Sc) P.hD (Microwave dielctrics)

Faculty Profile 2014-2015

Name	Designation	Qualifications	Experience			Specialisation
			Teaching	Research	Other	
Dr. Lovely M R	Associate Professor	M.Sc, M.Phil, P.hD	12 years	5 year		Solid State Physics(M.Sc) M.Phil(Fiber Optics) P.hD (solar physics)
Prof.Jalajamani	Associate Professor	MSc	18Years			Electronics
Dr. Geetha K	Assistant Professor	M. Sc., Ph.D	8 years	10 years		Computer Science (MSc) Photonics (Ph.D)
Dr. Vijoy. P. S	Assistant Professor	M. Sc., Ph.D	15 years	7 years		Material science (M. Sc., Ph.D)
Dr.Rajesh. K. R.	Assistant Professor	M. Sc., Ph. D.	5 years	7 years		Electronics(M.Sc) P.hD (Thin Films)
Dr.Nishanth.T	Assistant Professor	M. Sc., M. Phil., Ph. D., RsGIS	5 Years	8 Years		Spectroscopy (MSc), Applied Spectroscopy (MPhil), Atmospheric Science (PhD)
Dr. Vishnu R.	Assistant Professor	M. Sc., M. Phil., Ph. D.	2 years	11 years		Electronics (MSc) Cloud Physics (PhD)

Dr. Manu K. M.	Assistant Professor	M. Sc., Ph. D.	2 years	7 years		Electronics(M.Sc) P.hD (Microwave dielectrics)
----------------	---------------------	----------------	---------	---------	--	---

Faculty Profile 2015-2016

Name	Designation	Qualifications	Experience			Specialisation
			Teaching	Research	Other	
Dr. Lovely M R	Associate Professor	M.Sc, M.Phil, P.hD	13 years	5 year		Solid State Physics(M.Sc) M.Phil(Fiber Optics) P.hD (solar physics)
Prof.Jalajamani	Associate Professor	MSc	19Years			Electronics
Dr. Geetha K	Assistant Professor	M. Sc., Ph.D	9 years	10 years		Computer Science (MSc) Photonics (Ph.D)
Dr. Vijoy. P. S	Assistant Professor	M. Sc., Ph.D	16 years	7 years		Material science (M. Sc., Ph.D)
Dr.Rajesh. K. R.	Assistant Professor	M. Sc., Ph. D.	6 years	7 years		Electronics(M.Sc) P.hD (Thin Films)
Dr.Nishanth.T	Assistant Professor	M. Sc., M. Phil., Ph. D., RsGIS	6 Years	8 Years		Spectroscopy (MSc), Applied Spectroscopy (MPhil), Atmospheric Science (PhD)
Dr. Vishnu R.	Assistant Professor	M. Sc., M. Phil., Ph. D.	3 years	11 years		Electronics (MSc) Cloud Physics (PhD)
Dr. Manu K. M.	Assistant Professor	M. Sc., Ph. D.	3 years	7 years		Electronics(M.Sc) P.hD (Microwave dielectrics)

Faculty on Contract 2012-2013

Name	Designation	Qualifications	Experience			Specialisation
			Teaching	Research	Other	
Suparna Unni. E	Guest lecturer	M.Sc, B.Ed	2			Electronics
Jothy lakshmi	Guest lecturer	M.Sc, B.Ed	2			Electronics

Faculty on Contract 2013-2014

Name	Designation	Qualifications	Experience			Specialisation
			Teaching	Research	Other	
Suparna Unni. E	Guest lecturer	M.Sc, B.Ed	3			Electronics

Faculty on Contract 2014-2015

Name	Designation	Qualifications	Experience			Specialisation
			Teaching	Research	Other	
Suparna Unni. E	Guest lecturer	M.Sc, B.Ed	4			Electronics

Faculty on Contract 2016-2017

Name	Designation	Qualifications	Experience			Specialisation
			Teaching	Research	Other	
Megha Menon.R	Guest lecturer	M.Sc				Electronics

Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty (in %)

Year	B.Sc theory	B.Sc practicals	M.Sc theory	M.Sc practical
2012-13 (1)	10.3	13.3%	Nil	Nil
(2)	6.4	6.6		
2013-14	6.4%	6.6%	Nil	Nil
2014-15	6.4%	6.6%	Nil	Nil
2015-16	Nil	Nil	Nil	Nil
2016-17	6.6%	6.6%	Nil	Nil

Student Teacher Ratio (Programme wise)

Year	UG	PG
2012-13	1 : 18	1:1
2013-14	1 : 18	1:1
2014-15	1 : 18	1:1
2015-16	1 : 18	1:1
2016-17	1:18	1:1
Number of academic support staff		2
Number of teaching faculty with PhD		7
Number of teaching faculty with Mphil		3
Number of teaching faculty with PG NET		2
Number of teaching faculty with other qualifications (if yes specify)		Nil
Number of faculty with ongoing projects from a) National b) International funding agencies and grants received		
Departmental projects funded by DSTFIST;DBT, ICSSR, etc. and grants Received		Funding Agency
		Amount Sanctioned
Research Facility / Centre with recognized by the University		Research Centre, University of Calicut

Publication details by faculty and students

Name of the faculty	
b) Number of papers published in peer reviewed journals(b.1. national/b.2.International)	International 1(Dr. Manu K. M.) International -3 (Dr.Rajesh. K. R.) International 2, (Dr.Nishanth.T) International 1 (Dr. Geetha K) International 1(Dr. M.R. Lovely)
Number of publications listed in international Database (For eg: Web of Science, Scopus ,Humanities International Complete, Dare Database International Social Sciences Directory, EBSCO host, etc.)	
Monographs	
e) Chapter in Books	
f) Books Edited	
g) Books with ISB/ISSN numbers with details of publishers	3 (Nishanth .T) 1.An introduction to chemistry to tracegases

	<p>over Kannur, India, Lambert academic Publishing (2013) ISBN: 978-3-659-37538-5</p> <p>2. An Introduction to the physics of aerosol over Kannur, India. , Lambert academic Publishing (2013) ISBN(10) 3659438545 ISBN(13) 978-3659438547</p> <p>3. Spectroscopic study of Bio concentration of Zinc of labeo Rohita. , Lambert academic Publishing (2013) ISBN(10) 3659419117 ISBN(13) 9783659419119</p>
h) Citation Index	60 (Dr. Manu K. M.), 80 (Dr.Rajesh. K. R.) 171 (Nishanth .T) 146(Dr. Geetha K) 24(Dr. M.R. Lovely) 15(DR. Vijoy)
i) SNIP	
j) SJR	
k) Impact factor	Average impact Factor 2(Dr.Manu K M) Average impact Factor 2(Dr. Geetha, K)
	2 (average)

Faculty as members in National committees b) International Committees c) Editorial Boards

Name of the faculty	Committee/ Board
Dr Nishanth.T (Atmospheric Chemistry and Physics, Journal of Acta Geophysica, Solar Terrestrial physics)	Editorial Board Member

Student projects

Year		Number of students		Percentage	
		UG	PG	UG	PG
2012-13	In house projects	34	1	100	10
	Other organisations	0	9	0	90
2013-14	In house projects	40	2	100	18

	Other organisations	0	9	0	82
2014-15	In house projects	39	2	100	18
	Other organisations	0	9	0	82
2015-16	In house projects	37	6	100	66
	Other organisations	0	3	0	34

Awards and Honours Faculty

Name of faculty	Award/ Honor	Agency
Dr. RAJESH.K.R	Indo-US Raman PDF	UGC India

Awards and Honours Students

Name of student	Award/ Honor/Rank	Agency

List of eminent academicians and scientists/ visitors to the department

Dignitary	Status
Dr. Vasudevan. T.N 2013,2015	Academician, Writer University of Calicut
Dr. Ratheesh.R(2015) , Byju K Vijayan(2015)	Scientist, C-MET
Dr. A . Hareentranath (2017)	FormerProfessor, SAHA Institute of Nuclear Physics, kolkatta.
Dr. Dayas.K (2013)	Director , C-MET
Dr. S N Potty (2013, 2017)	Scientist, C-MET
Dr. G. Harikrishnan(2017)	Assistant professor and Head of depart. Of Physics, Madapally Govt College, Vadakkara.

Seminars/ Conferences/Workshops organized & the source of funding

National	Event	Date	Funding Agency
State	One day seminar on Recent trends in Atmospheric Physics and Renewable energy Souces	28 February 2017	Kerala State Science and Technology, Environment (KSCSTE)
State	SCIENTIA -2015	February 5-6 2015	Department and Alumni
State	PRINCIPIA	24 February 2013	Department and Alumni
University level	Seminar on quantum Mechanics and Xray Diffraction organized by dept of Physics and Chemisrtry in association with IQAC	March 1,2017	Department

Student profile programme/course wise

Year	Applications for merit seats are received in the University		Selected (both management and merit seats)		Enrolled		Pass percentage	
	UG	PG	UG	PG	UG	PG	UG	PG
2012-13			34	10	34	10	64.7	90
2013-14	CAP	CAP	40	11	40	11	67.5	72.7
2014-15	CAP	CAP	39	11	39	11	50	73
2015-16	CAP	CAP	37	8	37	8	50	75
2016-2017	CAP	CAP						

Diversity of Students

Year	Students from the State	Students from other States	Students from other countries
2012-13		Nil	Nil
2013-14		Nil	Nil
2014-15		Nil	Nil
2015-16		Nil	Nil

How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.

Year	NET	SET	SLET	GATE	Civil Service	PSC/UPSC	Any other
2012-13	1						
2013-14	1						
2014-15				1			
2015-16							

Student progression

	2012-13	2013-14	2014-15	2015-16
UG to PG	10	15	18	24
PG to MPhil	3	1	0	0
PG to PhD	0	2	3	
PhD to Post Doc	0	0	0	0
Employed	2	1	0	0
• Campus selection	2	0	0	0
• Other than campus	0	0	0	0
Entrepreneurship/Self-employment	0	0	0	1

Details of Infrastructural facilities

Examples

Well equipped Computer lab with IT facilities
 4 Personal computer with internet facility
 LCD projector
 2 Laptops
 1 canon laser printer
 Well equipped library
 Our department library has almost 2600 books

Number of students receiving financial assistance from college, university, government or other agencies:

Year	College	University	Government or other agencies
2012-13			Sc/St, OEC, eligible OBC, eligible General are getting financial assistance from govt agencies.
2013-14			-do-
2014-15			-do-
2015-16			-do-

Details on student enrichment programmes (special lectures/workshops / seminar) With external experts.

Examples

Remedial Coaching
 2012-13 15 students
 2013-14 14 students
 2014-15 9 students
 2015-16 15 students
 Tech expo PRINCIPIA (2012-2013)
 Scientia (inter collegiate seminars and quiz competition -2013-2014)

Teaching methods adopted to improve student learning:	Assignment, seminars, power point presentation on spl topics, remedial classes for slow learners. Students support programme Walk with a scholar
	example

Participation in Institutional Social Responsibility (ISR) and Extension activities	example NCC, NSS, CSS, Campus cleaning, SC/ST students of Kasthurbha Balika sadhanam working under Mahila samacham, Guruvayur are given free coaching by our B.Sc physics Students.
---	---

SWOT analysis of the department and Future plans

Strength	Example Academic Excellence Generous financial Contribution to the needy students and society Keen awareness of social responsibility among the faculty and students Financial support from alumini to conduct Principia and Scientia organized by Department of Physics.
Weakness	Annual alumnae meeting to be strengthened Shortage of fund Shortage of add on courses
Opportunities	Well equipped computer lab, research development
Threats	Time limitation due to syllabus completion Lack of funds
Future plans	JAM coaching, advance learner's programme .

Name of the Department-Chemistry

Year of establishment	1967		
Name of Programmes/ Courses offered(UG/PG/MPhil/PhD etc)	UG BSC Chemistry		
Names of the interdisciplinary courses and departments involved	Chemistry in everyday life &Chemistry in daily life as open course for degree students		
Annual/semester/choice based credit system (Programme wise)	CBCSS		
Participation of the department in the courses offered by other departments	Physics, Maths V semester open course Languages I, II year (English, Malayalam, Hindi, Sanskrit)		
Courses in collaboration with other Universities, industries, foreign institutions etc	Nil		
Details of Courses/Programmes discontinued(if any) with reason	Nil		
Number of teaching posts sanctioned and filled		Sanctioned	Filled
	Associate Professors	-	-
	Assistant Professors	5	5
	Adhoc faculties	-	-

Faculty Profile 2012-13

Name	Designation	Qualifications	Experience			Specialisation
			Teaching	Research	Other	
Dr. Sukumaran K.	Associate Professor	MSc. Ph.D.	33 years	5		General Chemistry
Smt. Shobhana M.K.	Associate Professor	MSc., M.Phil	32 years			General Chemistry
Dr. Sreeja, T.D.	Assistant Professor	MSc,PhD	6 years	4		Short Fiber Composites
Dr. Manoj, E.	Assistant Professor	MSc,PhD	6 years	6.5		Inorganic Chemistry

Faculty Profile 2013-14

Name	Designation	Qualifications	Experience			Specialisation
			Teaching	Research	Other	
Dr. Sreeja, T.D.	Assistant Professor	MSc,PhD	3 years	4 years		Short Fiber Composites
Dr. Manoj, E.	Assistant Professor	MSc,PhD	3 years	6.5 years		Inorganic Chemistry
Dr. Jayasanker, M.	Assistant Professor	MSc,PhD		8 years		Inorganic/ceramic materials
Dr.Sreelekha,M.	Assistant Professor	MSc,MPhil, PhD		6 years		Natural Product
Suresh .V. Nampoothiri	Assistant Professor	MSc, NET, SRF, Ph.D doing		5 years		Natural Product Chemistry

Faculty Profile 2014-15

Name	Designation	Qualifications	Experience			Specialisation
			Teaching	Research	Other	
Dr. Sreeja, T.D.	Assistant Professor	MSc,PhD	4 years	4		Short Fiber Composites
Dr. Manoj, E.	Assistant Professor	MSc,PhD	4 years	6.5		Inorganic Chemistry
Dr. Jayasanker, M.	Assistant Professor	MSc,PhD	1	8		Inorganic/ceramic materials
Dr.Sreelekha,M.	Assistant Professor	MSc,MPhil, PhD	1	6		Natural Product
Suresh .V. Nampoothiri	Assistant Professor	MSc, NET, SRF, Ph.D doing	1	6 years		Natural Product Chemistry

Faculty Profile 2015-16

Name	Designation	Qualifications	Experience			Specialisation
			Teaching	Research	Other	
Dr. Sreeja, T.D.	Assistant Professor	MSc,PhD	5 years	4		Short Fiber Composites
Dr. Manoj, E.	Assistant Professor	MSc,PhD	5 years	6.5		Inorganic Chemistry
Dr. Jayasanker, M.	Assistant Professor	MSc,PhD	2	8		Inorganic/ceramic materials
Dr.Sreelekha,M.	Assistant Professor	MSc,MPhil, PhD	2	6		Natural Product
Suresh .V. Nampoothiri	Assistant Professor	MSc, NET, SRF, Ph.D thesis submitted	2	7 years		Natural Product Chemistry

Faculty Profile 2016-17

Name	Designation	Qualifications	Experience			Specialisation
			Teaching	Research	Other	
Dr. Sreeja, T.D.	Assistant Professor	MSc,PhD	6 years	4		Short Fiber Composites
Dr. Manoj, E.	Assistant Professor	MSc,PhD	6 years	6.5		Inorganic Chemistry
Dr. Jayasanker, M.	Assistant Professor	MSc,PhD	3	8		Inorganic/ceramic materials
Dr.Sreelekha,M.	Assistant Professor	MSc,MPhil, PhD	3	6		Natural Product
Suresh .V. Nampoothiri	Assistant Professor	MSc, NET, SRF, Ph.D thesis submitted	3	8 years		Natural Product Chemistry

Faculty on Contract 2012-13

Name	Designation	Qualifications	Experience			Specialisation
			Teaching	Research	Other	
Jeneena	Guest lecturer	MSc., NET				General Chemistry
Jinesh C.M.	Guest lecturer	MSc.,Ph.D.				Nanomaterials

Faculty on Contract 2016-17

Name	Designation	Qualifications	Experience			Specialisation
			Teaching	Research	Other	
Sneha K.V.	Guest lecturer	MSc.				General Chemistry

Senior Visiting Faculties

Name	Designation	Qualifications	Experience			Specialisation
			Teaching	Research	Other	

Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty (in %)

Year	Govt	Contract	permanent	Total
2012-13	20%		80	100
2013-14	-		100	100
2014-15	-		100	100
2015-16	-		100	100
2016-17	20%		80	100

Student Teacher Ratio (Programme wise)

Year	UG	PG
2012-13	19.8	
2013-14	19.8	
2014-15	20.8	
2015-16	21.2	
2016-2017	23.4	
Number of academic support staff		2
Number of teaching faculty with PhD		4
Number of teaching faculty with Mphil		1
Number of teaching faculty with PG NET		4

Number of teaching faculty with other qualifications (if yes specify)	1	
Number of faculty with ongoing projects from a) National b) International funding agencies and grants received	a) 1– UGC MRP b) 1-) UGC- Raman postdoctoral fellowship 2015-2016	
Departmental projects funded by DSTFIST;DBT, ICSSR, etc. and grants received	Funding Agency	Amount Sanctioned
Research Facility / Centre with recognized by the University		

Publication details by faculty and students

Name of the faculty	Sreeja T.D.	Manoj E	Jayasnkarm	Sreelekha M	Suresh V Nampoothiri
b) Number of papers published in peer reviewed journals(b.1. national/b.2.International)		b2.2	b.2. 1	b.1.1	b2.2
Number of publications listed in international Database(For eg: Web of Science, Scopus ,Humanities International Complete, Dare Database International Social Sciences Directory, EBSCO host, etc.)					
Monographs					
e) Chapter in Books					
f) Books Edited					
g) Books with ISB/ISSN numbers with details of publishers					
h) Citation Index	135	238	106	4	167
i) SNIP					
j) SJR					
k) Impact factor					

Faculty as members in National committees b) International Committees c) Editorial Boards

Name of the faculty	Committee/ Board

Student projects

Year		Number of students	Percentage
2012-13	In house projects	30	100
	Other organisations		
2013-14	In house projects	26	100
	Other organisations		

2014-15	In house projects	34	100
	Other organisations		
2015-16	In house projects	28	100
	Other organisations		

Awards and Honours Faculty

Name of faculty	Award/ Honor	Agency
Dr.Jayasankar,M.	Raman postdoctoral fellowship	UGC

Awards and Honours Students

Name of student	Award/ Honor/Rank	Agency

List of eminent academicians and scientists/ visitors to the department

Dignitary	Status
Dr. Rajeev S Menon	Asst. Professor, Central University, Haryana
Prof. Roy K.B.	Assistant Professor, Department of Chemistry, SNGS Pattambi
Dr. G Harikrishnan	Assistant Professor, Department of Physics, Govt. College, Madapally
Dr. S.N. Potty	Scientist, C-MET, Thrissur

Seminars/ Conferences/Workshops organized & the source of funding

National	Event	Date	Funding Agency
International			
Regional			
Other			
	Solid Waste Management	5.6.2016	Department of Chemistry
	Polymaths in Chemistry	14.6.2016	Department of Chemistry
	Nutrition	23.11.2016	Department of Chemistry
	Life style Diseases	11.1.2017	Department of Chemistry
	Computational Chemistry	28.2.2017	Department of Chemistry
	X-ray diffraction and Quantum mechanics	1.3.2017	Department of Chemistry & Physics

Student profile programme/course wise

Year	Applications for merit seats are received in the University		Selected(both management and merit seats)		Enrolled		Pass percentag	
	UG	PG	UG	PG	UG	PG	UG	PG
2012-13			34		30		53.33	
2013-14	CAP		32		26		61.54	
2014-15	CAP		38		34		68	
2015-16	CAP		36		28		50	
2016-17	CAP		42					

Diversity of Students

Year	Students from the State	Students from other States	Students from other countries
2012-13	34	0	0
2013-14	32	0	0
2014-15	38	0	0
2015-16	36	0	0
2016-17	41	1(Lakshadweep)	

How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.

Year	NET	SET	SLET	GATE	Civil Service	PSC/UPSC	Any other
2012-13							
2013-14							
2014-15							
2015-16							
2015-17							

Student progression

	2012-13	2013-14	2014-15	2015-16
UG to PG	3	11	12	3
PG to MPhil				
PG to PhD				
PhD to Post Doc				
Employed				
• Campus selection	2		3	2
• Other than campus				
Entrepreneurship/Self-employment				

Details of Infrastructural facilities

1 Personal computer with internet facility
Work station with Q Chem software
1 LCD projector
2 Laptops
1 canon laser printer
1 HP All in one printer
Well equipped library
Three class rooms
Well equipped BSc laboratory
3 electronic weighing balances
Distillation unit
Multipurpose centrifuge 2
Inverter
Electric Bunsen 15
Vacuum Pump
Magnetic stirrer
Heating Mantle
Refrigerator
OHP

Number of students receiving financial assistance from college, university, government or other agencies:

Year	College	University	Government or other agencies
2012-13	Students of SC/ ST/ OEC eligible OBC eligible general are getting financial assistance.		
2013-14			
2014-15			
2015-16			
2016-17			

Details on student enrichment programmes (special lectures/workshops / seminar) With external experts.

Seminar on Polymaths in chemistry
Seminar on nutrition
Seminar on Life style diseases
Seminar on Computational chemistry
Seminar on X-ray diffraction and quantum mechanics

Teaching methods adopted to improve student learning:	
	example
	Discussions Seminars Project Review Power point Presentation on special topics Seminar on current trends in chemistry Remedial coaching for slow learning students
Participation in Institutional Social Responsibility (ISR) and Extension activities	Provided awareness and hands on training on soap manufacture and house hold waste management to Kudumbasree units in the nearby area , NSS, NCC, CSS, Swatch Bharath Abhayan campus cleaning activity

SWOT analysis of the department and Future plans

Strength	Well qualified and experienced faculty Generous financial Contribution to the needy students and society Keen awareness of social responsibility among the students Strong support from Alumni
Weakness	Lack of PG course Shortage of fund Early Marriage and pregnancy of students
Opportunities	Research projects and collaboration
Threats	Lack of time due to tight schedule of semester system Lack of funds
Future plans	PG Course Collaboration with other research and educational organizations Conduct national seminar Research projects Decrease the number of dropouts Increase percentage of successful students with academic excellence.

Name of the Department- Biochemistry

Year of establishment : 1998			
Name of Programmes/ Courses offered(UG/PG/MPhil/PhD etc)	BSC Biochemistry with Complementary subjects Chemistry and Nutrition		
Names of the interdisciplinary courses and departments involved	Life style diseases as open course for UG students		
Annual/semester/choice based credit system (Programme wise)	Choice Based Credit Semester System		
Participation of the department in the courses offered by other departments	Students of our Department are participating in complementary course Chemistry, Open course, First and second languages- English, Malayalam, Sanskrit and Hindi		
Courses in collaboration with other Universities, industries, foreign institutions etc	Nil		
Details of Courses/Programmes discontinued(if any) with reason	Nil		
Number of teaching posts sanctioned and filled		Sanctioned (2)	Filled (2)
	Associate Professors	-	-
	Assistant Professors	2	2
	Adhoc faculties	-	-

Faculty Profile

2015-2016

Name	Designation	Qualifications	Experience			Specialization
			Teaching	Research	Other	
Dr. Umadevi. D	Asst. Prof.	MSc, MPhil, PhD	3 year	5 years	-	Neuropeptides, Biochemistry, Cancer biology
Smitha K.R.	Asst.Prof	MSc, NET	5 year	3 years	-	Cancer biology, Biochemistry, Phytochemistry

2016-2017

Name	Designation	Qualifications	Experience			Specialization
			Teaching	Research	Other	
Dr. Umadevi. D	Asst. Prof.	MSc, MPhil, PhD	4 year	5 years	-	Neuropeptides, Biochemistry, Cancer biology
Smitha K.R.	Asst.Prof	MSc, NET	6 year	4 years	-	Cancer biology, Biochemistry, Phytochemistry

Faculty on Contract:

2012-2013

Name	Designation	Qualifications	Experience			Specialisation
			Teaching	Research	Other	
Priya U	Guest lecturer	MSc	4	-	-	-
PreediaBabu	Guest lecturer	MSc	3	-	-	-
Devika K P	Guest lecturer	MSc	-	-	-	-
Nidha T C	Guest lecturer	MSc	-	-	-	-
Vini C Sekhar	Guest lecturer	MSc	-	-	-	-

2013-2014

Name	Designation	Qualifications	Experience			Specialisation
			Teaching	Research	Other	
VijiSooraj	Guest lecturer	MSc	2	-	-	-
PreediaBabu	Guest lecturer	MSc	4	-	-	-
Abhilasha K V	Guest lecturer	MSc	-	-	-	-
Nidha T C	Guest lecturer	MSc	1	-	-	-
SunayanaZaman	Guest lecturer	MSc	-	-	-	-

2014-2015

Name	Designation	Qualifications	Experience			Specialisation
			Teaching	Research	Other	
SunayanaZaman	Guest lecturer	MSc	1	-	-	-

2015-2016

Name	Designation	Qualifications	Experience			Specialisation
			Teaching	Research	Other	
Devika K P	Guest lecturer	MSc	1	-	-	-
Sruthy..T. V	Guest lecturer	MSc	-	-	-	-

2016-2017

Name	Designation	Qualifications	Experience			Specialization
			Teaching	Research	Other	
Souda T E	Guest lecturer	MSc	-	-	-	-

Faculty: Govt. guest lecturer

2012-2013: Nil

2013-2014: Nil

2014-2015

Name	Designation	Qualifications	Experience			Specialisation
			Teaching	Research	Other	
Abhilasha	Guest lecturer	MSc	2	-	-	-
VijiSooraj	Guest lecturer	MSc	3	-	-	-
Nidha T C	Guest lecturer	MSc	2	-	-	-

2015-2016

Name	Designation	Qualifications	Experience			Specialisation
			Teaching	Research	Other	
Devika K P	Guest lecturer	MSc	1	-	-	-
HafsaKattatheyl	Guest lecturer	MSc	-	-	-	-
Remya P R	Guest lecturer	MSc	-	-	-	-

2016-2017

Name	Designation	Qualifications	Experience			Specialisation
			Teaching	Research	Other	
Navya Ganga K	Guest lecturer	MSc	-	-	-	-

Senior Visiting Faculties Nil

Name	Designation	Qualifications	Experience			Specialisation
			Teaching	Research	Other	

Percentage of lectures delivered and practical classes handled(programme wise) by temporary faculty (in %)

Year	Gov. guest	Contract	Permanent	Total
2012-13	0	100%	0	100%
2013-14	0	100%	0	100%
2014-15	75%	25%	0	100%
2015-16	25%	25%	50%	100%

Student Teacher Ratio (Programme wise)

Year	UG	PG (N.A)	
2012-13	22:1		
2013-14	21:1		
2014-15	33:1		
2015-16	14:1		
Number of academic support staff		Nil	
Number of teaching faculty with PhD		1	
Number of teaching faculty with Mphil		1	
Number of teaching faculty with PG NET		1	
Number of teaching faculty with other qualifications (if yes specify)		1 (GATE)	
Number of faculty with ongoing projects from a) National b) International funding agencies and grants received		0	
Departmental projects funded by DSTFIST;DBT, ICSSR, etc. and grants received		Funding Agency	Amount Sanctioned
		-	-
Research Facility / Centre with recognized by the University		Nil	

Publication details by faculty and students

Name of the faculty	Dr. Umadevi. D	Smitha K.R.
b) Number of papers published in peer reviewed journals(b.1. national/b.2.International)	3(International)	11(7 national & 4 international)
Number of publications listed in international Database(For eg: Web of Science, Scopus ,Humanities International Complete, Dare Database International Social Sciences Directory, EBSCO host, etc.)	-	-

Monographs	-	-
e) Chapter in Books	-	-
f) Books Edited	-	-
g) Books with ISB/ISSN numbers with details of publishers	-	-
h) Citation Index	-	-
i) SNIP	-	-
j) SJR	-	-
k) Impact factor	-	3.5

Faculty as members in National committees b) International Committees c) Editorial Boards: Nil

Name of the faculty	Committee/ Board

Student projects

Year		Number of students	Percentage
2012-13	In house projects	22	100%
	Other organisations	-	
2013-14	In house projects	21	100%
	Other organisations	-	
2014-15	In house projects	33	100%
	Other organisations		
2015-16	In house projects	14	100%
	Other organisations	-	

Awards and Honours Faculty:Nil

Awards and Honours Students:

Name of student	Award/ Honor/Rank	Agency
DrishyaDarmapal	Ist (2013)	University of calicut
MerinRinky K	Ist (2014)	
Souda T E	IInd (2014)	
Hana Hydrose	Ist (2015)	

List of eminent academicians and scientists/ visitors to the department

Dignitary	Status
Dr. Jiju K	Diabetologist, Rajah Hospital, Chavakkad, Thrissur
Smt.Ambily K M.	Dietician, Elite Mission Hospital, Thrissur
Mr.MuhammedAreej	Assistant professor, Asmabi College, Kodungalloor.
Dr. Deepa G Murickan	Assistant professor, St Mary's College Thrissur
Smt.AnithaDavis	Assistant professor, Vimala College Thrissur.
Mr.Vipin Sivaram	Assistant professor, Govt. Arts and Science College Kozhinjampara.
Mr.Shaji E M	Assistant professor, KKTM Govt. College, Kodungalloor.
Dr.Mohammed Abdul Rafeek K U	Assistant professor, MES college Mambad.

Seminars/ Conferences/Workshops organized & the source of funding: Nil

National	Event	Date	Funding Agency
International			
Regional			
Other	Dr. Jiju K		Department of Biochemistry

Student profile programme/course wise

Year	Applications for merit seats are received in the University		Selected (both management and merit seats)		Enrolled		Pass percentage	
	UG	PG	UG	PG (N.A)	UG	PG (N.A)	UG	PG (N.A)
2012-13	CAP		22		22		86.4%	
2013-14	CAP		21		21		85.7%	
2014-15	CAP		33		33		73%	
2015-16	CAP		14		14		100%	

Diversity of Students

Year	Students from the State	Students from other States	Students from other countries
2012-13	33	0	0
2013-14	14	0	0
2014-15	33	1	0
2015-16	28	1	0
2016-17	32	0	0

How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.: Nil

Year	NET	SET	SLET	GATE	Civil Service	PSC/UPSC	Any other
2012-13	1						
2013-14	1						
2014-15	1			1			
2015-16	1			1			

Student progression

	2012-13	2013-14	2014-15	2015-16
UG to PG	10	16	10	13
PG to MPhil	-	-	-	-
PG to PhD	-	-	-	-
PhD to Post Doc	-	-	-	-
Employed	10	3	-	-

Details of Infrastructural facilities

Examples

1 Personal computer
 1 canon laser printer
 Well-equipped library with almost 750 books
 Three class rooms
 BSc lab
 INFLIBNET facility.

Number of students receiving financial assistance from college, university, government or other agencies: SC, ST, OEC, eligible OBC, eligible general students are getting financial assistance.

Year	College	University	Government or other agencies
2012-13			-
2013-14			-
2014-15			-
2015-16			-

Details on student enrichment programmes (special lectures/workshops/seminar)

With external experts.

Talk on “Lifestyle Diseases and Wellness”, ‘Research Methodology in Biochemistry: Approaches and Design”, “Trends in Science” and Quiz Competition (between the UG students of the 3 years)
Remedial Coaching

Teaching methods adopted to improve student learning:

Group discussions
Seminars
Project Review
Power point Presentation on special topics
Assignments on New Technologies
Remedial coaching for slow learning students
Walk with scholar programme

Participation in Institutional Social responsibility (ISR) and extension activities:

**NSS, CSS, NCC Swach Bharat Abhiyan
Campus cleaning activity, health advice to
kudumbasree people**

SWOT analysis of the department and Future plans

Strength	Academic Excellence Generous financial Contribution to the needy students Keen awareness of social responsibility among the faculty and students
Weakness	Shortage of fund Shortage of permanent faculty Lack of PG course Annual alumnae meeting to be strengthened
Opportunities	Well-equipped library with almost 750 books
Threats	Lack of time due to tight schedule of semester system Lack of funds
Future plans	To increase the percentage of successful students with academic excellence Introducing P.G course To conduct National seminars

Name of the Department: Mathematics

Year of establishment	1967		
Name of Programmes/ Courses offered(UG/PG/MPhil/PhD etc)	B Sc Mathematics with Statistics and Physics as Complementary Subjects.		
Names of the interdisciplinary courses and departments involved	Department provides : Open Course (MAT5D02: Mathematics For Natural Sciences) for students not having Mathematics as Core Course		
Annual/semester/choice based credit system (Programme wise)	Choice Based Credit Semester System (CBCSS)		
Participation of the department in the courses offered by other departments	Open, Complementary Courses and languages (English, Malayalam, Hindi and Sanskrit). Students from the department has complementary course from Physics. Students are participating in Open Courses offered by other Departments		
Courses in collaboration with other Universities, industries, foreign institutions etc	N A		
Details of Courses/Programmes discontinued(if any) with reason	N A		
Number of teaching posts sanctioned and filled		Sanctioned	Filled
	Associate Professors	3(Mathematics) + 1 (Statistics)	1(Principal)+1(Mathematics)+1(Statistics) Associate Professor-1 Assistant Professor-2
	Assistant Professors		
	Adhoc faculties		

Faculty Profile

Name	Designation	Qualifications	Experience			Specialisation
			Teaching	Research	Other	
2012-13						
Latha K P	Associate Professor & HOD	M Sc	31			Number Theory, Differential Equations

D. Jayaprasad	Associate Professor & Principal	M Sc, M Phil	18	1		Functional Analysis
Dr. Sreeja V N	Assistant Professor in Statistics	M Sc, Ph D	3	9		Survival Analysis, Reliability Analysis, Network Analysis
Deepa V G	Assistant Professor	M Sc, M Phil	1	2		Graph Theory, Social Network Analysis.
2013-14						
Latha K P	Associate Professor & HOD	M Sc	32			Number Theory, Differential Equations
D. Jayaprasad	Associate Professor & Principal	M Sc, M Phil	19	1		Functional Analysis
Dr. Sreeja V N	Assistant Professor in Statistics	M Sc, Ph D	4	10		Survival Analysis, Reliability Analysis, Network Analysis
Deepa V G	Assistant Professor	M Sc, M Phil	2	3		Graph Theory, Social Network Analysis.
2014-15						
D. Jayaprasad	Associate Professor & Principal	M Sc, M Phil	20	1		Functional Analysis
Dr. Sreeja V N	Assistant Professor in Statistics	M Sc, Ph D	5	11		Survival Analysis, Reliability Analysis, Network Analysis
Deepa V G	Assistant Professor in Charge of HOD	M Sc, M Phil	3	4		Graph Theory, Social Network Analysis.
2015-16						
D. Jayaprasad	Associate Professor & Principal	M Sc, M Phil	21	1		Functional Analysis
Dr. Sreeja V N	Assistant Professor in Statistics	M Sc, Ph D	6	12		Survival Analysis, Reliability

						Analysis, Network Analysis
Deepa V G	Assistant Professor in Charge of HOD	M Sc, M Phil	4	5		Graph Theory, Social Network Analysis.
2016-17						
D. Jayaprasad	Associate Professor & Principal	M Sc, M Phil	22	1		Functional Analysis
Dr. Sreeja V N	Assistant Professor in Statistics	M Sc, Ph D	7	13		Survival Analysis, Reliability Analysis, Network Analysis
Deepa V G	Assistant Professor in Charge of HOD	M Sc, M Phil	5	6		Graph Theory, Social Network Analysis.

Faculty on Contract

Name	Designation	Qualifications	Experience			Specialisation
			Teaching	Research	Other	
2012-13						
Deepa V G	Guest Lecturer	M Sc, M Phil	1	2		Graph Theory, Social Network Analysis.
Remya M	Guest Lecturer	M Sc, B Ed	0	0		Differential Equation
Smitha M	Guest Lecturer	M Sc, B Ed	2	0		Real Analysis
2013-14						
Anjana. K	Guest Lecturer	M Sc, B Ed	0	0		Real Analysis
Rajitha K M	Guest Lecturer	M Sc, B Ed	0	0		Differential Equation
2014-15						
Rajitha K M	Guest Lecturer	M Sc, B Ed	1	0		Differential Equation
Anu P B	Guest Lecturer	M Sc, B Ed	0	0		Number Theory
Anjana K	Guest Lecturer	M Sc, B Ed	1	0		Real Analysis
2015-16						
Anu P B	Guest Lecturer	M Sc, B Ed	1	0		Number Theory

Anjana K	Guest Lecturer	M Sc, B Ed	2	0		Real Analysis
2016-17						
Anjana K	Guest Lecturer	M Sc, B Ed	3	0		Real Analysis
Sreedevi B	Guest Lecturer	M Sc	0	0		Fuzzy Graph Theory

Percentage of lectures delivered and practical classes handled (Programme wise) by temporary faculty (in %)

2012-13			
	(July to September)	(September to December)	(January to March)
DEEPA V G	26%	26%	37%
REMYA M	37%		
SMITHA M			19%
2013-14			
	(July to october)	(October to December)	December to March)
ANJANA K	19%	37%	19%
REJITHA K M		19%	
2014-15			
	(July to October)	(October to March)	
REJITHA K M	37%	37%	
ANU P B	19%	37%	
ANJANA K		19%	
2015-16			
	(June to March)		
ANU P B	37%		
ANJANA K	19%		
2016-17			
	(June to March)		
ANJANA K	37%		

Student Teacher Ratio (Programme wise)

Year	UG	PG
2012-13	1:24	
2013-14	1:26	
2014-15	1:27	
2015-16	1:28	
2016-17	1:29	
Number of academic support staff		nil
Number of teaching faculty with PhD		1
Number of teaching faculty with Mphil		2
Number of teaching faculty with PG NET		1
Number of teaching faculty with other qualifications (if yes specify)		1(B Ed)
Number of faculty with ongoing projects from a) National b) International funding agencies and grants received		nil
Departmental projects funded by DSTFIST;DBT, ICSSR, etc. and grants received		Funding Agency
		Amount Sanctioned
		nil
Research Facility / Centre with recognized by the University		

Publication details by faculty and students

Name of the faculty	
b) Number of papers published in peer reviewed journals(b.1. national/b.2.International)	nil
Number of publications listed in international Database (For eg: Web of Science, Scopus ,Humanities International Complete, Dare Database International Social Sciences Directory, EBSCO host, etc.)	nil
Monographs	nil
e) Chapter in Books	nil
f) Books Edited	nil
g) Books with ISB/ISSN numbers with details of publishers	nil
h) Citation Index	nil
i) SNIP	nil
j) SJR	nil
k) Impact factor	nil

Faculty as members in National committees b) International Committees c) Editorial Boards

Name of Faculty	Professional Body	National/International	Type
Deepa V G	Indian Science Congress Association	National	Life Membership
Dr. Sreeja V N	Indian Science Congress Association	National	Life Membership
	International Indian Statistical Association	International	Life Membership
	Indian Society for Probability and Statistics	National	Life Membership

Student projects

Year		Number of students	Percentage
2012-13	In house projects	30	100%
	Other organisations	nil	
2013-14	In house projects	28	100%
	Other organisations	nil	
2014-15	In house projects	34	100%
	Other organisations	nil	
2015-16	In house projects	32	100%
	Other organisations	nil	

Awards and Honours Faculty

Name of faculty	Award/ Honor	Agency
	nil	

Awards and Honours Students

Name of student	Award/ Honor/Rank	Agency
	nil	

List of eminent academicians and scientists/ visitors to the department

SI No:	Name	Designation	Purpose	Date
For the Academic Year 2014-15				
1	Dr P G Sankaran	Professor, Department of Statistics, Cochin University of Science and Technology.	To deliver a talk in the National seminar conducted by the department	14-08-2014
2	Dr M Manoharan	Professor and HOD, Department of Statistics, University of Calicut.	To deliver a talk in the National seminar conducted by the department	14-08-2014
3	Dr Jagath Nath Krishna	Scientist CSIR-Cetral Leather research institute, Chennai	To deliver a talk in the National seminar conducted by the department	14-08-2014

Seminars/ Conferences/Workshops organized & the source of funding

SI No:	Title	Level	Funding Agency	Order Number	Date	Proceedings (Y/N)
1	STATISTICS IN 21 ST CENTURY	NATIONAL	UGC	SEM-0862/13-14/KLCA010/UGC-SWRO/(MATHS)	14 – 08-2014	N

Student profile programme/course wise

Year	Applications for merit seats are received in the University		Selected(both management and merit seats)		Enrolled		Pass percentage	
	UG	PG	UG	PG	UG	PG	UG	PG
2012-13			38		38		70%	
2013-14	CAP		38		38		68%	

2014-15	CAP		36		36		58%	
2015-16	CAP		39		39		56%	
2016-17	CAP		45		45			

Diversity of Students

Year	Students from the State	Students from other States	Students from other countries
2012-13	38		
2013-14	38		
2014-15	36		
2015-16	39		
2016-17	45		

How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.

Year	NET	SET	SLET	GATE	Civil Service	PSC/UPSC	Any other
2012-13							
2013-14							
2014-15							
2015-16							

Student progression

	2012-13	2013-14	2014-15	2015-16
UG to PG	33%	29%	27%	31%
PG to MPhil				
PG to PhD				
PhD to Post Doc				
Employed				
Campus selection				
Other than campus			9%	
Entrepreneurship/Self-employment				

Details of Infrastructural facilities

<ul style="list-style-type: none"> • LCD projector • Laptop & Desktop • Canon laser printer • Equipped class rooms
--

- Department library has 1503 books
- Inflibnet

Number of students receiving financial assistance from college, university, government or other agencies:

Year	College	University	Government or other agencies
2012-13			
2013-14			
2014-15			
2015-16			

Students of SC/ST/OEC/eligible OBC/eligible GEN category are getting financial assistance from the government.

Details on student enrichment programmes (special lectures/workshops / seminar) With external experts.
Conducted a UGC Sponsored National Seminar

Teaching methods adopted to improve student learning:	
	Group Discussions Seminars Project Review Power point Presentation on special topics Assignments Remedial coaching for slow learning students Scholar Support Programme (SSP) Walk with Scholar (WWS)
Participation in Institutional Social Responsibility (ISR) and Extension activities	Department have active participation in NSS, NCC, CSS, Campus Cleaning etc

SWOT analysis of the department and Future plans

Strength	Academic Excellence Keen awareness of social responsibility among the faculty and students Annual alumnae meeting Strong support from alumni for College Infra Structure
----------	---

Weakness	Lack of PG course Shortage of fund
Opportunities	Good Library, Infflibnet, Carrear Development
Threats	Time limitation due to syllabus completion Lack of funds
Future plans	Enhance the succession rate Decrease drop-out Develop Certificate course to a higher extend

DEPARTMENT OF ZOOLOGY

Year of establishment	1969 B.Sc		
Name of Programmes/ Courses offered(UG/PG/MPhil/PhD etc)	B Sc Zoology		
Names of the interdisciplinary courses and departments involved	Dept. provide complementary course for degree students of Botany Open course in reproductive and Sex education for students of other disciplines	-	-
Annual/semester/choice based credit system (Programme wise)	CBCS		
Participation of the department in the courses offered by other departments	Complementary course Open course Language (English, Malayalam, Hindi and Sanskrit)	-	-
Courses in collaboration with other Universities, industries, foreign institutions etc	NIL	-	-
Details of Courses/Programmes discontinued (if any) with reason	NIL	-	-
Number of teaching posts sanctioned and filled		Sanctioned 4	Filled
	Associate Professors		1
	Assistant Professors		3 (1 FDP)
	Adhoc faculties		-

Faculty Profile

Name	Designation	Qualifications	Experience			Specialisation
			Teaching	Research	Other	
1	Smt . Jayasree .V	M.Sc, M.Ed	19	-	-	Entomology
2	Sri. Santhosh.P.P.	M.Sc M.Phil. M.Ed	6	2	-	Acarology
4	Dr. Brinesh,R	M.Sc . M.Phil Ph.D.	5	4	-	Parasitology
5	Dr. Raji.R	M.Sc, M.Phil Ph.D.	6	5	-	Industrial Biotechnology, Microbiology
6	Dr. Sajitha	M.Sc. M.Phil Ph.D.	3	4	-	Insect Physiology and Biochemistry

Faculty on Contract

Name	Designation	Qualifications	Experience			Specialisation
			Teaching	Research	Other	
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-

Senior Visiting Faculties

Name	Designation	Qualifications	Teaching experience	year	Topics lectured	% of lecturer delivered	Specialization
N.N Gokul Das	Professor (Retired)	M. Sc	33	2013-2014	Talk on HIV	100	General Zoology
Krishna Kumari	Professor (Retired)	M. Sc	33	2014-2015	Chromosomal anomalies	100	Entomology and Genetics
Usha E.S	Professor (Retired)	M. Sc	32	2015 - 2016	Pedigree analysis of familial hypercholesterolemia	100	Human genetics

Student Teacher Ratio (Programme wise)

Year	UG
2012-13	1:20
2013-14	1:20
2014-15	1:20
2015-16	1:20
Number of academic support staff -1	
Number of teaching faculty with PhD 3	
Number of teaching faculty with M Phil 3	
Number of teaching faculty with PG NET 3	
Number of teaching faculty with other qualifications (if yes specify) 2 (M. Ed)	
Number of faculty with ongoing projects from a) National b) International funding agencies and grants received NIL	
Departmental projects funded by DST FIST;DBT, ICSSR, etc. and grants received NIL	
Research Facility / Centre with recognized by the University NIL	
Patent	

Name of the faculty			
b) Number of papers published in peer reviewed journals(b.1. national/b.2.International)	Dr. Brinesh,R International -3		
Number of publications listed in international Database(For eg: Web of Science, Scopus ,Humanities International Complete, Dare Database International Social Sciences Directory, EBSCO host, etc.)	-		
Monographs	-		
e) Chapter in Books	1 (Dr. Brinesh.R)		
f) Books Edited	-		
g) Books with ISBN/ISSN numbers with details of publishers	-		
h) Citation Index			
i) SNIP			
j) SJR			

k) Impact factor			

Publication details by faculty and students

Faculty as members in National committees b) International Committees c) Editorial Boards

Name of the faculty	Committee/ Board
Dr. Brinsh,R	Member Parasitology
Dr. Raji	Life member of Biotech Research Society of India

Student projects

Year		Number of students	Percentage
2012-13	In house projects	26	100
	Other organizations		
2013-14	In house projects	28	100
	Other organizations		
2014-15	In house projects	31	100
	Other organizations		
2015-16	In house projects	34	100
	Other organizations		

Awards and Honours Faculty

Name of faculty	Award/ Honor	Agency

Awards and Honours Students

Name of student	Award/ Honor/Rank	Agency

List of eminent academicians and scientists/ visitors to the department

Dignitaries	Status
Dr. Sumodan P.K.	Associate Professor. Govt. College, Madappally,
NN Gokuldas	Retired Professor, Sree Krishna College, Guruvayoor and Chairperson of Pain and Palliative care Thrissur chapter,

	Aids Control Society
--	----------------------

Seminars/ Conferences/Workshops organized & the source of funding

	Event	Date	Funding Agency
National	'Mosquito and Vector Borne diseases	04.02.2016	UGC

Student profile programme/course wise

Year	Applications for merit seats are received in the University	Selected(both management and merit seats)	Enrolled	Pass percentage
	UG	UG	UG	UG
2013	CAP ID	35	26	69.25
2014		35	28	68.00
2015		35	31	78.00
2016		35	34	58.80
2017				

Diversity of Students

Year	Students from the State	Students from other States	Students from other countries
2012-13	35	0	0
2013-14	35	0	0
2014-15	34	1(Lakshadweep)	0
2015-16	34	1 (Lakshadweep)	0

How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.

Year	NET	SET	SLET	GATE	Civil Service	PSC/UPSC	Any other
2012-13	-		-	-	-	1	-
2013-14	-	1	-	-	-	-	--
2014-15	-	1	-	-	-	-	-
2015-16	-		-	-	-	-	-

Student progression

	2012-13	2013-14	2014-15	2015-16
UG to PG	3	4	4	3
PG to MPhil	-	-	1(Sneha)	1 (Sneha)
PG to PhD	-	-	1 (Sneha)	2
PhD to Post Doc	-	-	-	-
Employed				
• Campus selection	-	-	-	-
• Other than campus	1 (Jeeja, Canara Bank)	-	3 (Sneha, Midhun & Sowmya)	-
Entrepreneurship/Self-employment	-	-	-	-

Details of Infrastructural facilities

- LCD projectors (1)
- Laptop (1)
- Desktop (1)
- Epson L350 printer cum scanner and photocopier
- Labomed Stereozoom microscope
- Labomed Binocular microscope
- Refrigerators-1
- Colorimetric
- Digital PH Meter
- A library of books 1520 and 4 journals
- Ultra centrifuge

Number of students receiving financial assistance from college, university, government or other agencies: SC, ST, OEC, Eligible OBC and General are getting financial assistance

Details on student enrichment programmes (special lectures/workshops / seminar) With external experts.
Seminar on- Mosquito and Vector Borne Diseases, Dr. Sumodan P.K. Associate Professor, Sree Krishna College, Guruvayoor Seminar on Alzheimer's Care day - Member of the Society Workshop on Dental care –PSM College, Akkikavu

Teaching methods adopted to improve student learning:	
	Discussions Seminars Project Review Power point Presentation on special topics

	Tie up with other institutes for Student Projects Album preparation-ecological significance Remedial coaching for slow learning students Walk with Scholar programme for selected wards
Participation in Institutional Social Responsibility (ISR) and Extension activities	Participated Nature camp at Munnar to give an awareness of conserving nature and natural resources for future generation Visiting Mentally and physically retarded centre, Aruvi Choondal

SWOT analysis of the department and Future plans

Strength	Example Academic Excellence Generous financial Contribution to the needy students and society- Endowment prizes Keen awareness of social responsibility among the faculty and students
Weakness	Shortage of fund Shortage of practical oriented training courses
Opportunities	Museum
Threats	Time limitation due to syllabus completion Lack of funds Lack of instruments Maintenance of lab
Future plans	To set up a Physiology & Biochemistry lab Taxonomy Lab Microbiology Lab Biotechnology Lab

Name of the Department: Commerce

Year of establishment	1967	1999	
Name of Programmes/ Courses offered(UG/PG/M.Phil./PhD etc)	B.Com.	M.Com.	
Names of the interdisciplinary courses and departments involved	BASIC ACCOUNTING All Departments other than Commerce		
Annual/semester/choice based credit system (Programme wise)	B.Com Semester / CCBCSS	M.Com CUCSS	
Participation of the department in the courses offered by other departments	The Under Graduate student of the Department of Commerce undergo open course offered by all the other departments		
Courses in collaboration with other Universities, industries, foreign institutions etc	NA		
Details of Courses/ Programmes discontinued (if any) with reason	NA		
Number of teaching posts sanctioned and filled		Sanctioned	Filled
	Associate Professors	8	1
	Assistant Professors		5
	Adhoc faculties		

Faculty Profile 2012-13

Name	Designation	Qualifications	Experience			Specialisation
			Teaching	Research	Other	
DR. P.A.DAMODARAN	Associate Professor	M.Com Ph.D.	32	4		FINANCE
P.GOPINATHAN	Associate Professor	M.Com.	27	3		FINANCE
JISHA S.KUMAR	Assistant Professor	M.Com. NET	1 month	2		FINANCE
DHANYA K.S.	Assistant Professor	M.Com. B.Ed.	1 month			FINANCE
DIVYA RANI R.L.	Assistant Professor	M.Com. NET	1 month			FINANCE
NISHA P.S.	Assistant Professor	M.Com. B.Ed.	1 month			FINANCE
JISHA P.S.	Assistant Professor	M.Com. B.Ed.	1 month	1		MARKETING

Faculty Profile 2013-14

Name	Designation	Qualifications	Experience			Specialisation
			Teaching	Research	Other	
DR. P.A.DAMODARAN	Associate Professor	M.Com Ph.D.	33	5		FINANCE
P.GOPINATHAN	Associate Professor	M.Com.	28	4		FINANCE
JISHA S.KUMAR	Assistant Professor	M.Com.	1 year	3		FINANCE
DHANYA K.S.	Assistant Professor	M.Com. B.Ed.	1 year			FINANCE
DIVYA RANI R.L.	Assistant Professor	M.Com. NET	1 year			FINANCE
NISHA P.S.	Assistant Professor	M.Com. B.Ed.	1 year			FINANCE
JISHA P.S.	Assistant Professor	M.Com. B.Ed.	1 year	2		MARKETING

Faculty Profile 2014-15

Name	Designation	Qualifications	Experience			Specialisation
			Teaching	Research	Other	
DR. P.A.DAMODARAN	Associate Professor	M.Com Ph.D.	34	6		FINANCE
P.GOPINATHAN	Associate Professor	M.Com.	29	5		FINANCE
JISHA S.KUMAR	Assistant Professor	M.Com.	2 year	4		FINANCE
DHANYA K.S.	Assistant Professor	M.Com. B.Ed.	2 year			FINANCE
DIVYA RANI R.L.	Assistant Professor	M.Com. NET	2 year			FINANCE
NISHA P.S.	Assistant	M.Com. B.Ed.	2 year			FINANCE

	Professor					
JISHA P.S.	Assistant Professor	M.Com. B.Ed.	2 year	3		MARKETING

Faculty Profile 2015-16

Name	Designation	Qualifications	Experience			Specialisation
			Teaching	Research	Other	
P.GOPINATHAN	Associate Professor	M.Com.	30	6		FINANCE
JISHA S.KUMAR	Assistant Professor	M.Com.	3 year	5		FINANCE
DHANYA K.S.	Assistant Professor	M.Com. B.Ed.	3 year			FINANCE
DIVYA RANI R.L.	Assistant Professor	M.Com. NET	3 year			FINANCE
NISHA P.S.	Assistant Professor	M.Com. B.Ed.	3 year			FINANCE
JISHA P.S.	Assistant Professor	M.Com. B.Ed.	3 year	4		MARKETING

Faculty Profile 2016-17

Name	Designation	Qualifications	Experience			Specialisation
			Teaching	Research	Other	
P.GOPINATHAN	Associate Professor	M.Com.	31	7		FINANCE
JISHA S.KUMAR	Assistant Professor	M.Com.	4 year	6		FINANCE
DHANYA K.S.	Assistant Professor	M.Com. B.Ed.	4 year			FINANCE
DIVYA RANI R.L.	Assistant Professor	M.Com. NET	4 year			FINANCE
NISHA P.S.	Assistant Professor	M.Com. B.Ed.	4 year			FINANCE
JISHA P.S.	Assistant Professor	M.Com. B.Ed.	4 year	5		MARKETING

Faculty on Contract 2016-17

Name	Designation	Qualifications	Experience			Specialisation
			Teaching	Research	Other	
KAVITHA V.K.	GUEST LECTURER	M.Com. NET	3	3		FOREIGN TRADE & MANAGEMENT
SWAPNA V.ASHOKAN	GUEST LECTURER	M.Com. NET	1			FINANCE

Faculty on Contract 2015-16

Name	Designation	Qualifications	Experience			Specialisation
			Teaching	Research	Other	
SOORYA MOL K.C.	GUEST LECTURER	M.Com. NET	2			FINANCE
ASWATHY C.V.	GUEST LECTURER	M.Com. NET	1			FINANCE

Faculty on Contract 2014-15

Name	Designation	Qualifications	Experience			Specialisation
			Teaching	Research	Other	
JINCY V.J.	GUEST LECTURER	M.Com. NET	1			FOREIGN TRADE & MANAGEMENT
REVATHY GOPINATH	GUEST LECTURER	M.Com. NET	1			FOREIGN TRADE & MANAGEMENT

Faculty on Contract 2013-14

Name	Designation	Qualifications	Experience			Specialisation
			Teaching	Research	Other	
JOTHILEKSHMI E.	GUEST LECTURER	M.Com. NET	7			FOREIGN TRADE & MANAGEMENT

Faculty on Contract 2012-13

Name	Designation	Qualifications	Experience			Specialisation
			Teaching	Research	Other	
JOTHILEKSHMI E.	GUEST LECTURER	M.Com. NET	6			FOREIGN TRADE & MANAGEMENT
SWAPNA K.	GUEST LECTURER	M.Com. NET	2			FOREIGN TRADE & MANAGEMENT
PRAMOD P.	GUEST LECTURER	M.Com. NET	3			FINANCE
ARCHANA ARAVIND	GUEST LECTURER	M.Com. NET	2			FOREIGN TRADE & MANAGEMENT
MAHESH P.B.	GUEST LECTURER	M.Com. NET	2			FINANCE
VIDYA C.	GUEST LECTURER	M.Com. NET	1			FINANCE

Senior Visiting Faculties

Name	Designation	Qualifications	Experience			Specialisation
			Teaching	Research	Other	

Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty (in %) 2012-13

Name	Percentage of Lectures delivered
JOTHILEKSHMI E.	15%
SWAPNA K.	15%
PRAMOD P.	15%
ARCHANA ARAVIND	15%
MAHESH P.B.	15%
VIDYA C.	13%

Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty (in %) 2013-14

Name	Percentage of Lectures delivered
JOTHILEKSHMI E.	12%

Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty (in %) 2014-15

Name	Percentage of Lectures delivered
JINCY V.J.	14.5
REVATHY GOPINATH	14.5

Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty (in %) 2015-16

Name	Percentage of Lectures delivered
SOORYA MOL K.C.	14.5
ASWATHY C.V.	14.5

Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty (in %) 2016-17

Name	Percentage of Lectures delivered
KAVITHA V.K.	14.5
SWAPNA V.ASHOKAN	14.5

Student Teacher Ratio (Programme wise)

Year	UG	PG
2012-13	1:23	1:3
2013-14	1:23	1:3
2014-15	1:23	1:4
2015-16	1:23	1:3
2016-17	1:23	1:4
Number of academic support staff		Nil
Number of teaching faculty with PhD		Nil
Number of teaching faculty with Mphil		Nil
Number of teaching faculty with PG NET		5
Number of teaching faculty with other qualifications (if yes specify)		3 B –Ed, 1 JRF, 1 ICWA intermediate
Number of faculty with ongoing projects from a) National b) International funding agencies and grants received		Nil
Departmental projects funded by DST/FIST; DBT, ICSSR, etc. and grants received		Funding Agency
		Amount Sanctioned
Research Facility / Centre with recognized by the University		

Publication details by faculty and students

Name of the faculty	P.GOPINATHAN	JISHA S.KUMAR	JISHA P.S.
b) Number of papers published in peer reviewed journals(b.1. national/b.2.International)	2	2	
Number of publications listed in international Database(For eg: Web of Science, Scopus ,Humanities International Complete, Dare Database International Social Sciences Directory, EBSCO host, etc.)			
Monographs			
e) Chapter in Books	1	4	4
f) Books Edited			
g) Books with ISB/ISSN numbers with details of publishers		1 (LAMBERT ACADEMIC PUBLISHERS ISBN 978-	

		81-9087-8-4)	
h) Citation Index			
i) SNIP			
j) SJR			
k) Impact factor			

Faculty as members in National committees b) International Committees c) Editorial Boards

Student projects

Year		Number of students	Percentage
2012-13	In house projects		
	Other organisations	58	100
2013-14	In house projects		
	Other organisations	58	100
2014-15	In house projects		
	Other organisations	57	100
2015-16	In house projects		
	Other organisations	61	100
2016-17	In house projects		
	Other organisations	61	98

Awards and Honours Faculty

Name of faculty	Award/ Honor	Agency

Awards and Honours Students

Name of student	Award/ Honor/Rank	Agency

List of eminent academicians and scientists/ visitors to the department

Dignitary	Status
Dr.V.K. VIJAYAKUMAR	Economic Analyst
Dr. K.P.MURALEEDHARAN	Professor, DCMS, University of Calicut
Dr.P.MOHANAN	Professor, DCMS, University of Calicut
PHILIP SABU	Retd. Director MBA, Kerala Agri. University
Dr. RANJIT KUMAR	Professor, Director MBA, Kerala Agri. University

Seminars/ Conferences/Workshops organized & the source of funding

National	Event	Date	Funding Agency
International			
Regional			
Other			

Student profile programme/course wise

Year	Applications for merit seats are received in the University		Selected(both management and merit seats)		Enrolled		Pass percentage	
	UG	PG	UG	PG	UG	PG	UG	PG
2011-12		154	60	15	60	10	88	90
2012-13		200	60	15	60	11	92	82
2013-14		220	60	15	60	12	90	100
2014-15			60	20	60	20	91	90
2015-16			61	12	61	11	95	
2016-17								

Diversity of Students

Year	Students from the State	Students from other States	Students from other countries
2012-13	58	-	
2013-14	57	1	
2014-15	59	-	
2015-16	61	-	
2016-17	61		

How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.

Year	NET	SET	SLET	GATE	Civil Service	PSC/UPSC	Any other
2012-13	1						
2013-14	3	1					
2014-15	1						
2015-16	2						
2016-17	1						

Student progression

	2012-13	2013-14	2014-15	2015-16
UG to PG	73%	75%	75%	78%
PG to MPhil	10%	20%	5%	
PG to PhD				
PhD to Post Doc				
Employed				
<ul style="list-style-type: none"> • Campus selection 				
<ul style="list-style-type: none"> • Other than campus 		1 student		2 students
Entrepreneurship/Self-employment				

Details of Infrastructural facilities

<p>LCD projector Epson printer Well equipped library Five class rooms Our department library has almost 3036 books</p>
--

Number of students receiving financial assistance from college, university, government or other agencies:

Year	College	University	Government or other agencies
2012-13	Students of SC/ST Eligible OBC/OEC/ Eligible Gen category are getting financial assistance from Government.		
2013-14			
2014-15			
2015-16			
2016-17			

Details on student enrichment programmes (special lectures/workshops / seminar) With external experts.

One day class on Research Methodology
Training on the assembling of LED bulbs
Workshop on Entrepreneurship Eco system
Sessions on personality development
Remedial coaching for slow learning students

Teaching methods adopted to improve student learning:

Discussions
Seminars
Project Review
Power point Presentation on special topics
Remedial coaching for slow learning students
Debates

	Business Games Business quiz Competitions Industrial Visits
Participation in Institutional Social Responsibility (ISR) and Extension activities	Training to Kudumbashree members regarding accounting book keeping and auditing Classes on Motivation Classes on Stress Management for parents and students Seminar was conducted on Entrepreneurship development to equip the students and socially backwards women in nearby locality Training was given to backward women and students for the assembly of LED bulbs.

SWOT analysis of the department and Future plans

Strength	Training provided to students and other backwards people in the nearby area regarding entrepreneurship development Academic Excellence Contribution to the society for entrepreneurship development Awareness was created regarding Corporate Social Responsibility Campus Placement Well organized Alumnae
Weakness	Lack of Smart class room Lack of adequate no.of computers Shortage of funds for the Department activities Shortage of add on courses
Opportunities	Smart class room Well equipped computer lab IT facilities
Threats	Lack of funds Lack of adequate time to complete the syllabus

Future Plans

- In this highly competitive world it is the need of the hour to equip the students with entrepreneurial ability hence the department is planning to arrange more classes and training on Entrepreneurial Development.
- The College is situated in a rural area hence majority households are economically backward. Hence the Department is planning to contribute for the upliftment of women by helping them to identify self employment opportunities.
- More accounting and auditing classes are arranging to Kudumbashree units in the near by locality



UNIVERSITY OF CALICUT

Phone Off. (0494) 2400252 2407104
Fax 0494 - 2400269
e-mail reg@uoc.ac.in

CALICUT UNIVERSITY P. O.
MALAPPURAM (DIST.)
PIN - 673 635 KERALA INDIA

Date: 18.01.2017

No.81871/CDC-E1/2016/Admn

CERTIFICATE

This is to certify that Sree Krishna College, Ariyannur (PO), Guruvayur, Thrissur District, Kerala, established in 1964 and affiliated to University of Calicut since 1968 is included in the list of colleges under section 2(f) and 12(B) of the UGC Act 1956 as per the records available with the University.


REGISTRAR



Phone : Offi (0494) - 2400252 2407154
Fax : 0494 - 2400269
e-mail : reg@ucc.ac.in

CALICUT UNIVERSITY P. O.
MALAPPURAM (DIST.)
PIN - 673 635 KERALA INDIA

UNIVERSITY OF CALICUT

Date: 28.02.2017

No. 44186/CDC-D2/2014/Admn

CERTIFICATE OF AFFILIATION

This is to certify that **Sreekrishna College, Guruvayur, Ariyannur.P.O. Trichur** (Aided) is affiliated to the University of Calicut since 1968 and is recognized by the University Grants Commission. The following courses/ subjects are taught in the college as per approval.

Sl.No	Name of the Programmes	Sanctioned Intake	Type of Affiliation	Period of Validity for the year(s)
1.	BA Sanskrit	20	Permanent	-
2.	B.Sc Physics	35	Permanent	-
3.	M.Sc Physics	8	Permanent	-
4.	B.Sc Botany	27	Permanent	-
5.	B.Sc Zoology	27	Permanent	-
6.	BA English	35	Permanent	-
7.	M.Sc Botany	10	Permanent	-
8.	BA History	40	Permanent	-
9.	B.Sc Mathematics	30	Permanent	-
10.	BA Malayalam	20	Permanent	-

11	BA Economics	60	Permanent	
12	B.Com with Finance	60	Permanent	
13	B.Sc Biochemistry	20	Permanent	
14	B.Sc Chemistry	27	Permanent	
15	M.Com	10	Permanent	
16	MA Malayalam	12	Permanent	
17	BA Functional English	24	Provisional	2017-18*
18	MA Sanskrit	15	Provisional	2017-18*

This certificate is issued only for the purpose of producing before the NAAC as requested by the Principal. Issuance of this certificate does not confer any financial or legal liabilities to the University.

* The renewal of affiliation is under processing.



[Handwritten Signature]
REGISTRAR

2

2/0/14

Diary No. 4249



ज्ञान-विज्ञान विमुक्तये

विश्वविद्यालय अनुदान आयोग
नैरुत्य प्रादेशिक कार्यालय
UNIVERSITY GRANTS COMMISSION

SOUTH WESTERN REGIONAL OFFICE
P.K. Block, Palace Road, Gandhinagar
Bangalore-560 009.
Phone : (080) 2228 0380 Fax : (080) 2228 0381

ADDL-587/10-11/KLCA010/UGC-SWRO

The Accounts Officer
South Western Regional Office
University Grants Commission
P.K. Block, Palace Road
Gandhinagar, Bangalore

18-Mar-14

Sub: Release of Grants-in-aid to SREE KRISHNA COLLEGE, GURUVAYUR, THRISSUR DIST, KERALA for the year 2013-2014 under "Additional Assistance to Covered Colleges" (Plan)

Sir/Madam,

I am directed to convey the sanction of the University Grants Commission for payment of grant of Rs.2250000/- for the year 2013-2014 to SREE KRISHNA COLLEGE, GURUVAYUR, THRISSUR DIST, KERALA for "Additional Assistance to Covered Colleges" under (Plan) expenditure to be incurred during 2013-2014.

NAME OF THE SCHEME	HEAD OF ACCOUNT	AMOUNT ALLOCATED	GRANT ALREADY SANCTIONED	GRANT NOW BEING SANCTIONED	TOTAL GRANT PAID	BALANCE GRANT TO BE PAID	
ADDITIONAL ASSISTANCE TO COVERED COLLEGES	Sector-9-Committed Liabilities (Old UGC Schemes)	Phase-I	2200000	1980000	2250000	4230000	470000
		Phase-2	2500000				
		Total	4700000				

You are requested to utilise the sanctioned amount proportionately as detailed below :-

GENERAL - 1743750	SC - 337500	ST - 168750
-------------------	-------------	-------------

1. The amount released may be utilized for purchase of equipments like generator, inverter, laboratory equipment, smart board, refrigerator, audio-visual equipment including digital camera, LCD/TV and other teaching aids, computer and accessories, software and reprographic facilities under the scheme as per the guidelines

Purchase of more than one laptop under the scheme shall be avoided.

Amount may be utilised within four months from the date of receipt of fund.

- The sanctioned amount is debitible to Sector-9-Committed Liabilities (Old UGC Schemes) and is valid for payment during the financial year 2013-2014 only.
- The amount of the Grant shall be drawn by the Accounts Officer/Drawing and Disbursing Officer, South Western Regional Office, UGC, Bangalore on the Grants-in-aid bill and shall be disbursed to and credited to the Principal of the College through Electronic mode as per the following details:
 - Details (Name & Address) of Account Holder: SREE KRISHNA COLLEGE, GURUVAYUR, THRISSUR DIST, KERALA
 - Account No: 57019458822
 - Name & address of Bank branch: STATE BANK OF TRAVANCORE, GURUVAYUR,
 - MICR Code: 680009052
 - IFSC Code: SBTR0000257
 - Type of Account: SB
- The grant is subject to the adjustment on the basis of utilisation certificate in the prescribed proforma submitted by the College.
- The college shall maintain proper accounts of the expenditure out of the grants which shall be utilised only on approved items of expenditure.
- The College may follow the General Financial Rules, 2005 and take urgent necessary action to amend their manuals of financial procedures to bring them in conformity with GFRs, 2005 and those don't have their own approved manuals on financial procedures may adopt the provisions of GFRs, 2005 and instructions/guideline there under from time to time.
- The Utilization Certificate to the effect that the grant has been utilized for the purpose for which it has been sanctioned shall be furnished to UGC as early as possible after the close of current financial year.

Contd.2

**UNIVERSITY GRANTS COMMISSION**

SOUTH WESTERN REGIONAL OFFICE

P.K. Block, Palace Road, Gandhinagar
Bangalore-560 009.

Phone : (080) 2228 0380 Fax : (080) 2228 0381

3-1(010)/2012(UG)(XII PLAN)/KLCA010/SWRO

The Accounts Officer
South Western Regional Office
University Grants Commission
P.K. Block, Palace Road
Gandhinagar, Bangalore

21-Mar-14

Sub: Release of Grants-in-aid to SREE KRISHNA COLLEGE, GURUVAYUR, THRISSUR DIST, KERALA for the year 2013-2014 under "General Development Assistance" (Plan)

Sir/Madam,

I am directed to convey the sanction of the University Grants Commission for payment of grant of Rs.1069000/- for the year 2013-2014 equivalent to 40% of XIIth Plan allocation to SREE KRISHNA COLLEGE, GURUVAYUR, THRISSUR DIST, KERALA for "General Development Assistance" (Plan), expenditure to be incurred during 2013-2014.

NAME OF THE SCHEME	HEAD OF ACCOUNT	ALLOCATION Rs.	GRANT TO BE SANCTIONED BY 2013-14 40% OF ALLOCATION Rs.	GRANT ALREADY SANCTIONED IN 2012-13 AS Ad-hoc GRANT (Other than Building) Rs.	GRANT NOW BEING SANCTIONED (Other than Building) Rs.	BALANCE Rs.
General Development Assistance (Block Grant)	2(B)	3735000/-	1494000/-	425000/-	1069000/-	2241000/-

You are requested to utilise the sanctioned amount proportionately as detailed below :-

GENERAL - 828475/-	SC - 160350/-	ST - 80175/-
--------------------	---------------	--------------

- The amount released may be utilised within the allocated amount under Grant-in-aid General (31) and Capital Assets (35) as conveyed vide letter no. 3-1(010)/2012(UG)(XII PLAN)/KLCA010/SWRO dated 21-Mar-2014. Re-appropriation of funds between Grant-in-aid General (31) and Capital (35) is not permissible.
- The sanctioned amount is debit to 2(B) and is valid for payment during the financial year 2013-2014 only.
- The amount of the Grant shall be drawn by the Accounts Officer/Drawing and Disbursing Officer, South Western Regional Office, UGC, Bangalore on the Grants-in-aid bill and shall be disbursed to and credited to the Principal of the College through Electronic mode as per the following details:
 - Details (Name & Address) of Account Holder: SREE KRISHNA COLLEGE, GURUVAYUR, THRISSUR DIST, KERALA
 - Account No: 57019458822
 - Name & address of Bank branch: STATE BANK OF TRAVANCORE, GURUVAYUR,
 - MICR Code: 680009052
 - IFSC Code: SBTR0000257
 - Type of Account: SB
- This grant can be availed by aided colleges/courses only.
- The grant is subject to the adjustment on the basis of utilisation certificate in the prescribed proforma submitted by the College.
- The college shall maintain proper accounts of the expenditure out of the grants which shall be utilised only on approved items of expenditure.
- The College may follow the General Financial Rules, 2005 and take urgent necessary action to amend their manuals of financial procedures to bring them in conformity with GFRs, 2005 and those don't have their own approved manuals on financial procedures may adopt the provisions of GFRs, 2005 and instructions/guidelines there under from time to time.

Contd.2