



# **N.S.S.COLLEGE**

## **OTTAPALAM**

Palakkad, Kerala – 679321

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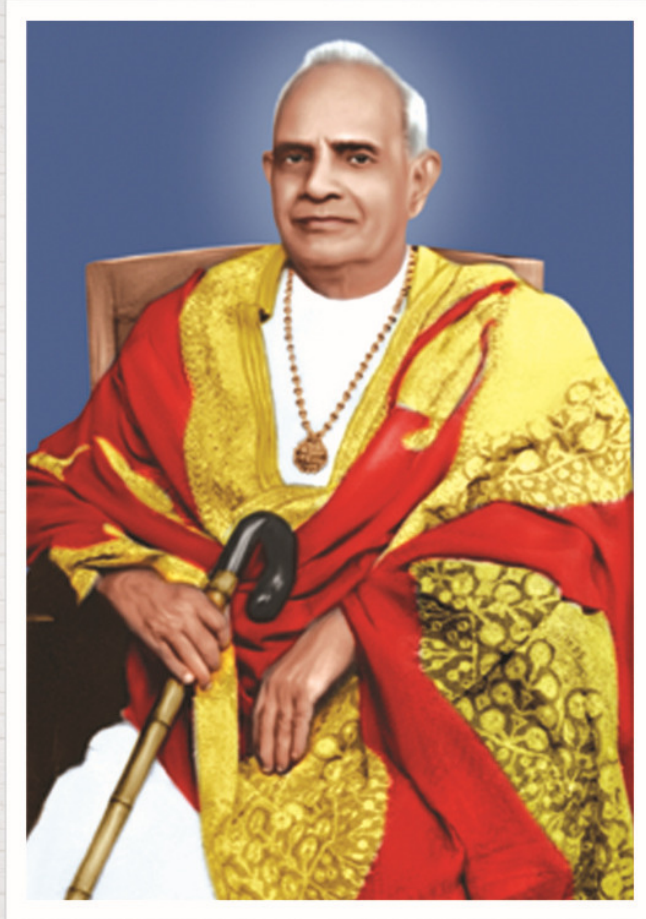
*Affiliated to The University of Calicut*

### **SELF-STUDY REPORT**

*Submitted to*

**NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL  
BANGALORE**

**March 2017**



**SRI. MANNATHU PADMANABHAN**

(1878 - 1970)

FOUNDER, NAIR SERVICE SOCIETY

## **CONTENTS**

<b>I. Preface</b>	
<b>II. Covering Letter from the Head of the Institution</b>	
<b>III. Management</b>	
<b>IV. IQAC Committee for the preparation of NAAC</b>	
<b>V. Executive Summary</b>	10
<b>VI. SWOC Analysis of the College</b>	20
<b>VII. Campus Map</b>	22
<b>VIII. Profile of the College</b>	23
<b>IX. Criteria – wise inputs</b>	35
1. Curricular Aspects	36
2. Teaching, Learning and Evaluation	60
3. Research, Consultancy and Extension	110
4. Infrastructure and Learning Resources	164
5. Student Support and Progression	186
6. Governance, Leadership and Management	221
7. Innovations and Best Practices	241
<b>X. Evaluative Report of the Departments</b>	272
1. English	273
2. Hindi	280
3. Malayalam	290
4. Economics	298

5. History	306
6. Mathematics	311
7. Computer Science	317
8. Physics	323
9. General and Industrial Chemistry	335
10. Botany	346
11. Zoology	352
12. Commerce	362
13. Electronics	398
14. Sanskrit	401
15. Politics	406
16. Statistics	410
17. Physical Education	414
<b>XI. Post Accreditation Initiatives</b>	418
<b>XII. Declaration by the Head of the Institution</b>	430
<b>XIII. Certificate of Compliance</b>	431
<b>XIV. Annexures</b>	442

## **PREFACE**

NSS College, Ottapalam, established in 1961 and accredited in 2007 with B++ grade by the National Assessment and Accreditation Council (NAAC) is one of the premier institutions under the University of Calicut, imparting quality education with the mission of social emancipation in Palakkad district, one of the educationally backward districts in Kerala. This Self Study Report has been prepared for the partial fulfillment of the requirements of NAAC's peer-team visit by the Internal Quality Assurance Cell of the college in consultation with the management, principal, Heads of the Departments, members of the faculty and all other stakeholders. It is in consonance with the prescribed format containing campus map, executive summary, IQAC Committee, SWOC Analysis of the college, profile of the college, faculty members and criterion-wise inputs followed by evaluative report of Departments, post accreditation initiatives, declaration by the head of the institution, certificates of compliance and appendices.

The executive summary section attempts to present in a nut-shell all the activities of the college under each criterion. In the section on curricular aspects, all the questions on the curricular aspects are answered. The second criterion 'Teaching-Learning and Evaluation' describes in detail the process of enrolment, teaching-learning and evaluation, teacher quality, learning outcomes and the mechanism in the college to cater to student diversity. The policies and outcomes of the institution with reference to research are outlined in criterion three. Criterion four gives a pen picture of the facilities available in the institution to maintain the quality of academic and other programmes on the campus. Student support and progression describes the efforts of the institution to provide necessary assistance for the holistic development and progression of the students. The institutional vision and overall role of the leadership,

principal and IQAC in institution building is the theme of criterion six. The innovative efforts made by the institution to achieve academic excellence and the practices that make a visual impact on the quality of service provided is attempted in the seventh criterion. Inputs from the various departments, best practices of the college, post- accreditation initiatives and declaration by the Head of the institution have also been included in the report.

The college submits this report to the NAAC for analysis and processing and looks forward to an early peer team visit to the institution.

**Ms.Manju.B.L.**  
**IQAC Co-ordinator**

**Dr. Madhusudanan Pillai.K.R.**  
**PRINCIPAL**

**PRINCIPAL  
N. S. S. COLLEGE, OTTAPALAM  
ACCREDITED " B++ " BY NAAC  
Palappuram (PO), 679103  
Palakkad Dist., Kerala.**



(Off)Tel : 0466 – 2244382  
0466 - 2246861  
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Ref :

Date : 03-05-2017

**The Director  
National Accreditation Assessment Council  
P.O.Box.No.1075, Nagarbhavi,  
Bengaluru, Karnataka  
Pin – 560072.**

**Respected Sir,**

Sub :- Forwarding the hard copy and CD of Self – Study Report  
for Re-Accreditation  
Ref :- Acceptance of LOI 27<sup>th</sup> April 2017  
TRACK ID KLCOGN12916

Thank you very much for your e-mail of LOI acceptance dated 27-04-2017. We are forwarding five copies and CD of our Self-Study Report for your perusal. The Self-Study Report has been prepared as per the prescribed format. We hope that our Self-Study Report would merit your consideration. We look forward to hearing from you regarding the peer team visit at the earliest.

**Yours faithfully,**

**PRINCIPAL**

**MANAGEMENT**  
**NAIR SERVICE SOCIETY**

**FOUNDER**

**Bharatha Kesari Sree Mannathu Padmanabhan**

**President** : Sri. P.N. Narendranadhan Nair

**General Secretary** : Sri. G. Sukumaran Nair

**Secretary,  
N.S.S. Colleges' Central Committee** : Prof.R. Prasannakumar

**Assistant Secretary  
N.S.S. Colleges' Central Committee** : Dr. Jagadeesh Chandran.G

**Principal** : Dr. Madhusudanan Pillai K.R



**IQAC COMMITTEE FOR THE PREPARATION  
OF NAAC**

<b>Chairman</b>	Dr. Madhusudanan Pillai.K.R. PRINCIPAL
<b>Co-Ordinator</b>	Ms.Manju.B.L.
<b>Faculty Members</b>	Dr.Vasanthakumari.P.  Dr.Sushama.S.  Dr. Venugopalakrishna Kurup  Mr.Radhakrishnan.K.  Mr.Priyesh.K.G.  Dr. Sangeetha Varma  Dr.Vijeesh.T.P.
<b>Administrative Staff</b>	Mr.K.K. Baburaj, Senior Superintendent Mr.P. Sajeendran, Head Accountant
<b>Management Representative</b>	Prof.R. Prasanna Kumar Secretary, N.S.S. Colleges' Central Committee, Changanacherry
<b>Alumni Member</b>	Mr. M. Hamsa (Ex. M.L.A), Ottapalam
<b>Industrialist</b>	Mr..Chithresh. C.
<b>Community Representative</b>	Adv.P.N. Balagopalan

## **EXECUTIVE SUMMARY**

### **Curricular Aspects**

As an institution of higher learning affiliated to the University of Calicut, N.S.S College, Ottapalam is obliged to, and we do, follow the curriculum, syllabi and text books prescribed by the University of Calicut in tune with the National Policy of Higher Education in our teaching and learning activities. In 2009, the college switched over to Choice-based Credit and Semester system in which Degree Programmes are divided into six semesters and Post graduate Programmes four. Each programme has four categories such as Common Course, Core Course, complementary Course and Open course. Course evaluation includes both internal and external evaluations. Course evaluation in PG is by direct grading system and in UG by indirect grading system. The overall grade for the whole programme will be awarded to the students based on their overall academic performance using a seven point scale. The academic flexibility is ensured through the Open courses and Elective Papers. To supplement the curriculum of the University, we offer many courses and programmes like Certificate Courses, Bridge Course and Finishing school to equip the students to face the challenges in the modern world scenario.

The educational qualifications, experience and the membership of our faculty in various university bodies give a fillip to the effective implementation of the curriculum. The exposure of the faculty to latest advances in their respective fields and the internal and external professional development programmes ensure the perpetual enhancement of teaching. Feedback from students, alumnae, PTA and academic experts give the right impetus to curricular activities. Curriculum planning and implementation is done by the IQAC through annual academic plans, action plans, seminars, workshops, collaborations and systematically monitored internal evaluation systems. Teachers acquire expertise through workshops and seminars conducted by the university for effectively transacting the general and special objectives of the curriculum.

Despite constraints like delay in appointing regular teaching faculty, delay in publishing results and the rural background of the students the college successfully transacts the curriculum by appointing guest lecturers, systematic planning, correct methodology and using modern sophisticated equipment.

### **Teaching Learning and Evaluation**

The teaching learning and evaluation process of the college is carried out successfully by taking into account the objectives and perspectives of higher education. To ensure objectivity and transparency in all stages of teaching, learning and evaluation, committees have been formed. The Single Window System of the University is reinforced by the well accounted scrutiny system of the college under supervision of the Nodal Officer. By practicing inclusiveness and equity in the admission process, the college upholds the national policy on reservations for the marginalized sections of the society by keeping aside a fixed percentage of seats for them. To facilitate their learning, the college provides them with adequate infrastructure facilities, remedial courses and economic help by way of scholarship and endowments. The college is sensitive to the needs of the differently-abled and help them by a variety of ways like assigning their classes in the ground floor where ramps are available, motivating them to participate in all activities and helping them, according to their need.

The marks for admissions at the entry level and demand ratio for all courses in the college is above the University average for both under graduate programme and post graduate programme. As the students come from diverse background and with mixed knowledge, the college arranges programmes like Bridge course and Know Your College to help them to cope with the situation. Remedial courses and Scholar Support Programmes are conducted for the average students. Advanced learners are motivated to join Walk With the Scholar Programme which gives them opportunities to emerge in life under the tutelage of internal and external mentors. Those students who urgently need a job are identified and motivated to join Additional Skill Acquisition Programme.

Teaching –learning process is carried out through meticulous planning. Time table, Academic Calander, PTS meetings, Remedial and peer teaching assist the

teaching process along with ICT facilities. Critical thinking is promoted through various activities like invited talks, seminars, workshops, poster designing, sky-watching and brainstorming sessions. Various research activities of the teachers also reinforce the teaching-learning processes. Despite semester lags and bandhs and hartals, the teaching learning process is completed on time by taking extra classes on holidays. Feedback is collected to monitor and evaluate the quality of teaching-learning. The passion of the teaching faculty for their vocation, their qualifications, the upgradation they undergo through refresher and orientation courses and the research in which they indulge also reinforce the teaching learning activity.

The evaluation process is as per the University norms-formative and summative. Internal marks are awarded at the college level and forwarded to the University. The university conducts the end semester examination and the internal marks awarded by the college are added to the marks of the end semester examination. Each student is awarded marks and an equivalent grade. A grievance redressal cell is at work in the college to look into the inadequacies of the evaluation if any. All these process help the college to achieve the desired learning outcomes in teaching learning activities, character formation and turning the students into useful citizens of the society.

### **Research, Consultancy and Extension**

Research, consultancy and extension are the other pillars of higher education along with teaching. Research creates an ocean of knowledge and acts as an agent of change and improvement. To percolate knowledge to the outside world, and to reach out to the needy and the unreached are the objectives of Consultancy and Extension. Even though the college is not an approved research centre of the affiliating University, it has done its share of research, consultancy and extension to take scientific and technological advances to the masses. The research activities of the college is supervised by a Research Committee consisting of doctoral research guides, post-doctoral fellows, Ph D Scholars and M.Phil holders. The objective of the Research Committee is to create research culture among the members of the faculty and students and to

motivate faculty for collaboration and consultancy. All the departments in the college are keen on conducting seminars/ workshops. Our faculty members have presented around 123 papers in international/national/regional seminars including six papers in foreign universities. Two of our faculty have received UGC Research Award for post doctoral research. A remarkable number of papers were published in international, national, peer reviewed, refereed journals. Some of our faculty received recognition for their contribution to research. Around 30 teachers are engaged in or completed minor/Major research projects. One faculty is an Editorial Board Member in four International and two National Research journals. Many of our faculty members serve as members of Syndicate, Senate, Academic Council, Faculties, Board of studies, Doctoral Research Committees, Ph.D Thesis Evaluation Committee and Editorial Board of international/ national research journals. The college publishes an in house multi disciplinary research journal. The college library is digitalized with INFLIB NET, N-List facilities.

The college asserts its identity as a tool for social change and has taken up many extension and social outreach programmes to support and help the needy and marginalized sections of the society. Some departments have taken up social survey in rural areas and based on its findings follow up actions are taken. Collaborative and inter disciplinary research are promoted by our institution. The departments and faculty provide free consultancy services in various areas.

### **Infrastructure and Learning Resources**

The eco-friendly campus is the forte of the college. The trees inside the college quadrangle serve as the lungs of the college. The shade and cool they provide create the suitable ambience for all activities of the college. The college is endowed with adequate infrastructure and learning resources in the form of building, furniture, playground and other accessories. Need, utility and financial availability are the factors with which they are created and enhanced. The expansion of infrastructure is planned and executed by the Planning Board and the UGC purchase committee with the permission and help of the Management. The funds for such development are usually met from the UGC

Fund and the fund from the Management. Along with traditional class rooms, ICT enabled class rooms have also been provided for the better transaction of the curriculum. Old black boards have been done away with and new green and white boards take its place in the forty class rooms of the college. At least one classroom of each department is transformed into a smart-class room.

The technology enabled learning spaces abound in the college. Computers, printers, LCD projectors, document viewers and other ICT tools make the learning process interesting and lively. A 75 KV Generator supplies us with the much needed power during power failure. A seminar hall with state of the art facilities helps us to conduct seminars and workshops. Fourteen laboratories have been set up to help the science students in their curricular activities. Computer Science department boasts of three computer laboratories. A Language Laboratory is a new addition in the list.

Sports facilities include a 200 metres athletic track cum football court, volley ball, shuttle badminton courts and a small fitness centre. These facilities help the physical education department to give coaching for the students to prepare college teams for zonal matches and University level competitions. They also help the students and teachers to indulge in sports and games and keep themselves healthy. The digital display board in front of the office displays the vision and mission and 'today's programme' of the college.

To cater to the need of the students with physical disabilities, ramps have been constructed at two places. Ladies hostel of the college is a home away from home. IQAC has been assigned a room with necessary facilities. College canteen serves the college community by serving homely food. Continuous supply of drinking water is ensured through wells in the campus, municipal water connection and rainwater harvesting system. Water purifiers have been installed at several places for safe drinking water. An open-air auditorium named 'Amrakunjam' has been constructed under the canopy of trees. It provides the correct ambience for all programmes involving the whole college community.

The college library functions under the supervision of library committee chaired by the principal. Books, journals, Internet and E-resources connections are

procured from the fund from PD account and UGC. The library functions from 9.30 to 4.30. It is automated and ICT tools are deployed to provide maximum help to the students in accessing books. INFLIBNET is another attraction of the library. Ramp helps the differently-abled students to access the library. Student feedback regarding library services is collected, analyzed and suggestions are incorporated for improving library services.

The college has more than 150 computers. The computer, students ratio is 1:12. Most of the computers are stand alone. LAN is used in the library and administrative office. Besides the labs of computer Science Department, the college has a common computer lab. Internet facility is made available to faculty and students in the Departments, Computer labs and library. IT infrastructure is upgraded as and when needed.

The college has switched over to student centered learning. All the infrastructure in the college is utilized for facilitating independent enquiry where the role of the teacher is a facilitator of learning. The college has an institutional mechanism for maintenance and upkeep of the infrastructure facilities. The system of annual Maintenance Contract has been used for the maintenance of computer related facilities. Precision instruments are calibrated as and when needed. To sum up, the available infrastructure is optimally used and additions are made as per rules and need for the better transaction of the curriculum.

### **Student Support and Progression**

Student support and progression is one the chief elements in a seat of higher learning. The college ensures its accountability and commitment to the student community by giving them right information at the right time through institutional documents, by introducing scholarship aimed at extending a helping hand to all sections of the student community and by helping them to get financial assistance from state government, central government and other national agencies. All measures have been taken to ensure the availability and disbursement of various scholarship and grants instituted by the state and central governments on time. Special reservation for SC/ST/OBC and economically

weaker sections has been made at all stages of academic activities beginning with admissions. Ramps have been constructed at different places to enable physically challenged and differently abled students to have access to class rooms, laboratories and library. Financial assistance is given to students who represent the college in inter-zone sports and arts competitions.

To enable the students to face the challenges in the competitive examinations, the college conducts coaching classes for NET/JRF. Bank coaching for degree and P.G students, Civil Service Coaching in collaboration with NSS Civil Service Academy and Finishing School for the final year students conducted by the college have won accolades of the students and parents. These coaching have helped many a student to get through these examinations and emerge in life. Additional Skill Development Programme of the college helps the students to improve their soft skills. It also improves their knowledge of ICT which in turn has helped many students to get jobs in the IT sector. Career Guidance and Placement Cell keeps in touch with the job market and informs the students as and when tests and interviews are announced. It also invites companies to the college for Campus Placement. Facilities are provided in the college for campus placement by Wipro, TCS, Vijaya Bank and Federal Bank. Walk With the Scholar programme identifies the talented students and puts them under the charge of mentors. Educational tours and industrial visits arranged by the college expose the students to vistas of knowledge and experience. Remedial classes are arranged for the slow learners. By assigning project works at reputed Institutions like IIST, ISRO, IRTC and FCRI, the UG and PG students are given wider exposure.

College calendar provides all the information regarding the institution. The motto, vision, mission, rules of admission and fee-structure, courses offered, details regarding departments and faculty members, functioning of the college office, code of conduct, fee-concession and the like. The college magazine helps the students to express their artistic and literary talents. Research Journal published by the college initiates the students to the grammar of research. The activities conducted by the Entrepreneurial Development club acquaint the students with the world of business and industry.



The college invariably supports extracurricular and co-curricular activities such as sports and games under the guidance of physical education department and other clubs. Students who find it difficult to cope with the environment are given counselling which would enable them to find a solution to their problems and concentrate on studies.

The Student Grievance Redressal Cell finds solution to the complaints of the students. Thanks to the initiatives taken by discipline committee, and women's club to conduct classes on gender issues, legal awareness classes, no instance of sexual harassment has been reported. Due to the alertness of the anti-ragging cell in maintaining a cordial relationship between seniors and juniors, ragging has not been reported in the college. The alumni association which consists of all sections of society is a source of support to the college. They have made many contributions to the college for institutional, academic and infrastructure development. To test the efficacy of the system, the college collects feedback from the outgoing students and also from parents. An elected student union with the objective of training the students of the college in the duties, rights and responsibilities of citizenship and to promote opportunities for development of character and leadership functions in the college. The union organizes debates, seminars, work squads, tours and similar other activities and promotes sports, arts and other cultural, educational and recreational activities. Most of the academic and administrative bodies have students' representatives on them. Even though the college boasts of these student support and progression systems, much needs to be done to make it perfect.

### **Governance and Leadership**

The college has always upheld the institutional vision and mission in terms of governance. The management, the principal and the members of the faculty and the administrative staff work in union to execute the quality policy of the institution. Being a corporate management, Nair Service Society has its own mechanism to ensure quality policy of its colleges. The management ensures quality in all the areas where it has jurisdiction such as appointment, admission, according sanction to teachers to attend refresher and orientation courses and

by seeking periodic reports on the attendance of the students, pass percentage and rank won by the college. The management meets the students, faculty, parents, alumni, local community and representatives of the industry regularly and collects their feedback before formulating its quality policy and plans regarding curriculum transaction and infrastructure. The management helps the faculty to upgrade their knowledge by motivating them to attend seminars and workshops and avail facilities like FDP for M.Phil and Ph.D.

The principal being the executive head coordinates and monitors all the academic and administrative activities of the college. The decisions of the management are communicated to the staff by the principal. Staff Council, IQAC, College Union, Discipline Committee, Anti-ragging Cell, Grievance Redressal Cell, Purchase committee, Library committee Admission committee and PTA have been formed as a part of delegation and decentralization of duties which in turn would ensure quality. The departments discuss plans regarding curricular, co-curricular and extracurricular activities during the departmental meetings.

The college has a formally stated quality policy. The thrust of the policy is the development of the students and faculty members with special focus on academic brilliance, personality development and social commitment. Quality in teaching-learning, research and development, community engagements, human resource development and industry interaction is also taken care of. The efficacy of the quality policy is reviewed through feedbacks collected from its stakeholders.

The college has taken many effective steps to enhance the professional development of its teaching and non-teaching staff. The faculty members are encouraged to attend seminars, workshops and training programmes and get papers published in peer reviewed journals. Non-teaching staff is given short term training on computer programmes and they are encouraged to write Departmental tests. Funds of the State Government, UGC, and PTA are the main sources of income. The fund utilization is made under the direct monitoring by the principal. External and internal auditing is done annually according to the government rules. The management conducts a regular audit of sections that

come under its jurisdiction. The PTA account is audited every year by the auditor appointed by PTA executive. IQAC has been constituted for quality assurance in the college and alumni is a source of strength. Academic audit is done through evaluation of the results of end semester university examinations, the number of students who have qualified for NET, SET and the number of campus placements. The number of M.phil and Ph.D awarded in a year, the number of seminars and workshops conducted , minor and major projects completed also form the subject matter of academic audit.

### **Innovations and Best Practices**

The college has introduced many innovations and introduced many best practices like green audit of the campus. Efforts were made to make the college campus eco friendly. Students were made aware of the importance of renewable energy and water harvesting. NSS volunteers participated in CheckDam construction and water harvesting mechanism. Efforts are made to make the students conscious about climate change, waste management and E-waste management. Innovations include certificate courses, finishing schools for PG students, eco-sensitisation, community beneficial programmes and river restoration.

## **SWOC ANALYSIS**

### **Strength**

1. Location, Legacy and Reputation
2. Management
3. Academic Programmes
4. Affiliation and Accreditation
5. Resourceful Faculty
6. Network Resource Centre
7. Participation of Faculty members and students in International/  
National/Regional Seminars/Workshops /Conferences /As Resource  
Persons/Paper Presenters/Participant
8. Excellent and dedicated students
9. Publications in International/National/Regional /Refereed journals and  
Publications of books
10. Achievements of student community (Result)
11. Research Projects undertaken by faculty members
12. Participation of faculty members in various governing bodies of the  
Universities
13. Academic Programmes for improving the employability of  
SC/ST/OBC/Minority and Economically weak students
14. Digitalised Library
15. Equal Opportunity Centre
16. Good Career Guidance and Placement Cell
17. Effective Tutorial System
18. Supportive PTA
19. Sports
20. Well-Placed Alumni

**WEAKNESSES**

1. Inadequate Infrastructural Facilities for newly introduced courses
2. No Research centres
3. Lack of paid consultancy
4. Inadequate space in library
5. Inadequate fund for overall development of the college
6. Lack of ICT facilities in all classes

**OPPORTUNITIES**

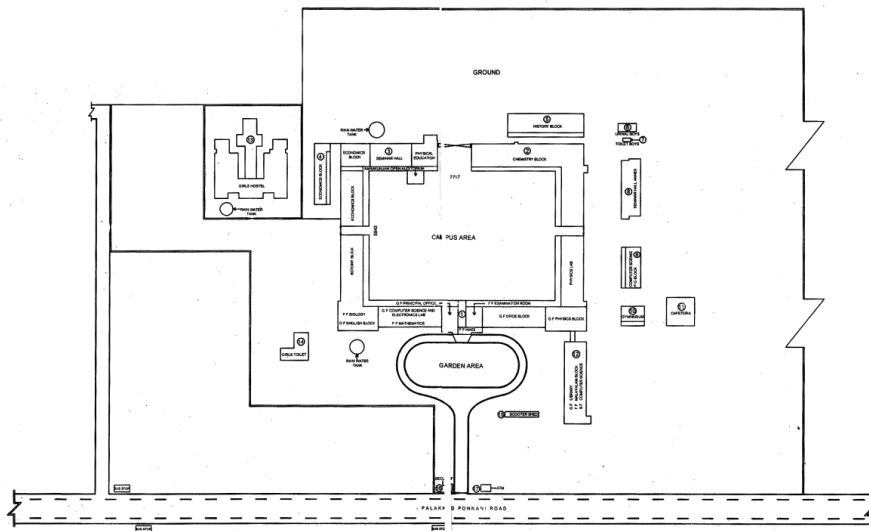
1. Scope for expansion and growth
2. High proportion of girl students and female faculty members
3. Scope to evolve as a premier institution in the district and state
4. Projects funded by external agencies
5. Consultancy and industry tie up

**CHALLENGES**

1. Entry of Self-financing colleges and autonomous Colleges
2. Growth of professional colleges
3. Mixed nature of the students
4. More job oriented courses

# CAMPUS MAP

## OTTAPALAM NSS COLLEGE COMPOUND



# **PROFILE OF THE COLLEGE**

## **PROFILE OF THE COLLEGE**

### 1. Profile of the Affiliated / Constituent College

#### 1. Name and Address of the College:

Name	<b>N. S. S COLLEGE, OTTAPALAM</b>	
Address:	PALAPPURAM, PALAKKAD DISTRICT	
City: Ottapalam	Pin: 679103	State: Kerala
Website	www.nsscollegeottapalam.org	

#### 2. For communication:

Designation	Name	Contact Details
Principal	Dr.Madhusudanan Pillai.K.R	Office: 04662244206 Mobile : 9544401264 Email : krmsmadappallil@gmail.com
Steering Committee Coordinator	Smt.Manju.B.L.	Office :04662244382 Mobile : 9446975944 Email : manjublphysics@gmail.com

3. Status of the Institution: Affiliated  
College

Constituent College any other (specify)

4. Type of Institution:

a.By Gender : Co-education

b. By Shift : Regular

5. It is a recognized minority institution? No



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

6. Sources of funding Government : Grant-in-aid

7. a. Date of establishment of the College : 10/7/1961

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

c. Details of UGC recognition:

Under Section	Date, Month & Year	Remarks (If any)
i.2(f)	22.03.1972	Attached certificate for 2 (f) 12B of UGC Issued by University of Calicut dated 10.09.2004
ii.12 (B)	22.03.1972	

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

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

(Enclose the recognition/approval letter) N.A.

Under Section/ Clause	Recognition/Approval details Institution/Department programme	Day, Month and Year	Validity	Remarks
i.	---	---	---	---
ii.	---	---	---	---
iii.	---	---	---	---
iv.	---	---	---	---

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

Yes

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

No

9. Is the college recognized

a. By UGC as a College with Potential for Excellence (CPE)?N.A

b. For its performance by any other government agency?

NA

If yes, Name of the agency..... and

Date of recognition: ..... (dd/mm/yyyy)

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

Location	Rural and Backward
Campus area in sq.m:	121406
Mts. Built up area in sq.m.	8045.37

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

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

- Auditorium/seminar complex with infrastructural facilities Yes
- Sports facilities
- Playground Yes
- Swimming pool Nil
- Gymnasium Yes
- Hostel
- Boy's hostel No
  - i. Number of hostels
  - ii. Number of inmates
  - iii. Facilities (mention available facilities)
- Girl's hostel Yes

- i. Number of hostels 1
- ii. Number of inmates 60
- iii. Facilities (mention available facilities)
- Working women’s hostel Nil
  - i. Number of inmates
  - ii. Facilities (mention available facilities)

**Rooms**

- Guest room - 1
- Students Room - 19
- Teachers room - 5
- Kitchen - 1
- Common mess hall - 1
- Drawing cum visitors room - 1
- Generator - 1
  - Residential facilities for teaching and non-teaching staff (give numbers available- cadre wise) teaching  
Nil
  - Cafeteria Yes
  - Health Centre Nil
    - First aid, Inpatient, Outpatients, Emergency care facility,  
Ambulance..... Health Centre staff –
    - Qualified doctor Full time  Part time
    - Qualified Nurse Full time  Part time
- Facilities like banking, post office, book shops Yes
- Transport facilities to cater to the needs of students and staff Nil
- Animal house Nil
- Biological waste Yes
- Generator or other facility for management/ regulation of electricity and voltage Yes
- Solid waste management facility Yes
- Waste water management Yes
- Water harvesting Yes

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

Sl. No	Programmes level	Name of the Programme/ Course	Duration	Entry Qualification	Medium of Instruction	Sanctioned /approved Student strength	No. of students admitted
1.	Under-Graduate	English	3 Years	Plustwo	English	40	41
		Malayalam				24	37
		Hindi				24	35
		Economics				60	62
		History				40	57
		Computer Science				24	34
		General Chemistry				28	43
		Industrial Chemistry				25	33
		Mathematics				40	45
		Physics				28	46
		Botany				34	34
		Zoology				24	33
		Commerce				60	62
2.	Post-Graduate	English	2 Years	Graduation	English	19	19
		Economics				20	20
		Computer Science				12	12
		Mathematics				19	19
		Physics				12	12
		Commerce				20	20
3	Integrated programme PG	Nil					
4	Ph.D.	Nil					
5	Certificate courses	Commerce Computer Science Malayalam					
6	UG Diploma	Nil					
7	PG Diploma	Nil					

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

Yes \* No \*

If yes, how many?

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

MSc Computer Science (2013-2014) & BA History (2014-2015)

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

Faculty	UG Departments	PG Departments
Science	Mathematics Physics General Chemistry Industrial Chemistry Botany Zoology Computer Science	Mathematics Physics Computer Science
Arts	English Malayalam Hindi History Economics	English Economics
Commerce	Commerce	Commerce

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

- a) Annual system : Nil  
 b) Semester system : 19  
 c) Trimester system : Nil

17. Number of Programmes with

- a) Choice Based Credit System : 19

- b) Inter/ Multidisciplinary Approach : Yes
- c) Any other (specify and provide details) : 14(Open Course)

(Details of open course is attached in Criteria I)

18. Does the college offer UG and /or PG programmes in Teacher Education?No

If yes,

a) Year of Introduction of the Programme (s)..... and number of batches that completed the programme

b) NCTE recognition details (if applicable) Notification

No. ....

Date: .....Validity:

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

Yes  No

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

No

a. Year of Introduction of the programme (s).....and number of batches that completed the programme

b. NCTE recognition details (if applicable) Notification

No.....

Date: .....

Validity .....

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

Yes  No

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

Positions	Teaching Faculty						Non-Teaching Staff		Technical staff	
	Professor		Associate Professor		Assistant Professor		*M	*F	*M	*F
	*M	*F	*M	*F	*M	*F				
Sanctioned by the UGC/University/State Government Recruited			9	11	12	36	20	2	2	
Yet to Recruit										
Sanctioned by the Management										
Guest Lecturers					4	18		1		
*M-Male, *F- Female										

21. Qualifications of the teaching staff:

Highest Qualification	Professor		Associate Professor		Assistant professor		Total
	Male	Female	Male	Female	Male	Female	
<b>Permanent Teachers</b>							
PDF			1	1			2
Ph.D.			3	6	3	11	23
M.Phil.			1	2	2	5	10
PG			4	2	7	20	33
<b>Temporary Teachers</b>							
Ph.D.					--	1	1
M.Phil.						2	2
PG					4	15	19
<b>Part – Time Teachers</b>							
Ph.D.							
M.Phil.							
PG							

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

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

Categories	2012-13	2013-14	2014-15	2015-16	2016-17
SC	288	301	324	384	331
ST	2	5	8	56	19
OBC	276	241	272	381	371
General	960	1040	1003	837	1061
PH	6	9	9	5	5
<b>Total</b>	<b>1532</b>	<b>1596</b>	<b>1616</b>	<b>1663</b>	<b>1787</b>

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

Type of Students	UG	PG	M.Phil.	Ph.D.	Total
Students from the same State where the college is located	540	102	--	--	--
Students from other states of India	--	--	--	--	--
NRI students	--	--	--	--	--
Foreign students	--	--	--	--	--
<b>Total</b>	<b>540</b>	<b>102</b>	<b>--</b>	<b>--</b>	<b>--</b>

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

UG : 1%

PG : Less than 1%

26. Unit cost of Education

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

a. Including the salary component

Rs.43257.26

b. Excluding the salary component

Rs.389.79



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

Yes  No.

If yes,

a. Is it a registered Centre for offering distance education programmes of another University?

Yes  No

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

Number of programmes offered

c. Programmes carry the recognition of the Distance Education Council.

Yes  No

28. Provide Teacher –Student ratio for each of the programme/course offered :

Department	Student – Teacher Ratio
English	U G Core 14 :1
	Common 85:1
	PG 8 : 1
Hindi	UG Core 20: 1
	Common-90:1
Malayalam	UG Core 21 : 1
	Common 19 : 1
Economics	UG Core 40 : 1
	PG 8 : 1
History	UG Core 40 :1
Mathematics	UG Core 54 : 1
	PG 5 : 1
Computer Science	UG Core 40 : 1
	PG 3 : 1
Physics	UG Core 40 : 1
	PG 6 : 1
General and Industrial Chemistry	UG Core 25 : `
Botany	UG Core 20 : 1
Zoology	UG Core 20 : 1
Commerce	UG Core 40 : 1
	PG 8 : 1

29. Is the college applying for?

Accreditation: Cycle 1  Cycle 2  Cycle 3  Cycle 4

Re –Accreditation:

(cycle 1 refers to first accreditation and Cycle2, Cycle3 and Cycle 4 refers to reaccreditation)

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

Cycle 1.10.02.2007 Accreditation Outcome /Result. B<sup>++</sup>

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

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

- *Kindly enclose copy of accreditation certificates (s) and peer team reports (s) as an annexure. Enclosed*

31. Number of working days during the last academic year. : 214 days

32. Number of teaching days during the last academic year : 193 days  
(Teaching days means days on which lecture were engaged excluding the examination days)

33. Date of establishment of Internal Quality Assurance Cell (IQAC)  
IQAC - 04.08.2008

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

AQAR (i) 2011-2012 submitted to NAAC on 24/05/2016

AQAR (ii) 2012-2013 submitted to NAAC on 24/05/2016

AQAR (iii) 2013-2014 submitted to NAAC on 24/05/2016

AQAR (iv) 2014-2015 submitted to NAAC on 24/05/2016

AQAR (v) 2015-2016 submitted to NAAC on 08/01/2017

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

N.A.

# **CRITERIA-WISE INPUTS**

## **CRITERIA-WISE INPUTS**

### **CRITERION – I**

#### **CURRICULAR ASPECTS**

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

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

##### **Vision**

The larger vision of the college is taken from BrihadaranykaUpanishad (1.3.28) ‘**Thamasoma Jyothir Gamaya**’, which means ‘Lead me from darkness to light’. It denotes that the aim of education is to get rid of darkness of ignorance and gain knowledge which will be illuminate their minds. The student community is reminded that the educated should be a beacon of light to the society around them. They are motivated to rise above petty selfishness and to reach out to higher goals of life. They are also made torealise that they themselves should be the sources of light. It is their duty to imbibe knowledge of all sorts and radiate it to others for the betterment of the society.

##### **Mission**

**Social emancipation** is the avowed mission of the college. The essence of wisdom is emancipation from narrow perception on caste and creed and the limits of time and space, transcending which is possible only through education. The college aims to liberate the individual and society from narrow mindedness, hatred, selfishness and superstitions and to develop in them broader perspectives, tolerance, sympathy and understanding required for becoming good citizen. They are trained to become free thinking individuals capable of embarking on the quest for truth and social justice.

##### **Objectives**

The college adheres to the vision of Nair Service Society i.e., social service. It provides opportunity for the rural population to get higher education, being the only aided college in the vicinity. Hence the society holds the institution close

to heart which increases the social responsibility. Hence the college strives to impart quality education to its students by regularly upgrading its immediate objectives. For the academic year 2016-2017 the college has set the following objectives.

- To get the college re-accredited by NAAC
- To modernize the stadium
- To build competence in students to face new challenges
- To gain 100 percent results.
- To upgrade UG Departments to PG.
- To start research centres in all PG departments.

The College has a well-structured and regularly updated website that provides details regarding the mission, vision and objectives and activities of the college. At the time of admission, the parents/ guardians and students are given a Bridge course in which the vision, mission and objectives of the Institution are highlighted. The college calendar also stresses principles of the institution. The Council meeting and Staff meeting also orient teaching and non-teaching staff towards the objectives of the Institution. The ideas envisaged by the College are conveyed to the students during the tutorial hours. All the action plans of the IQAC are designed and executed with these concepts in mind. The morning prayer which is an extract from Rabindranatha Tagore's 'Gitanjali', also underscores underlining principles. Moreover, the vision, mission and objectives of the institution are kept in mind during the entire process of curriculum transaction and planning. The activities of the PTA also reinforce the vision, mission and objectives. Digital display system and display boards are strategically located across the campus for better communication of institution's objectives.

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

The college has a well chalked out plan for effective implementation of the curriculum. At the commencement of the academic year, the Principal, in consultation with the Staff Council, prepares an action plan that comprises all the activities of the College, along with names of the staff in charge of various committees. The various curricular and co-curricular activities for the year are scheduled in this plan. The College Council, College Staff and each Department meet periodically to ensure effective implementation of the action plan and to incorporate changes that may occur. At the beginning of each semester the Heads of each departments conduct a brain storming session with their faculty members in which the general and specific objectives, the adequacy, relevance and importance of the contents of the curriculum etc. are discussed. The methodology to be adopted in teaching a particular text book that belongs to a particular genre is discussed and portions are allotted to the teachers. Each faculty member prepares a teaching plan for each semester and a Teacher's Diary is kept for the purpose. Regular teaching hours are supplemented with morning and evening sessions and weekend classes to compensate for any loss of working hours. Invited lectures, conferences, seminars, workshops, assignments and presentations are conducted. Besides, for the benefit of slow learners, there are remedial classes as well as peer teaching to augment classroom sessions. Internal examinations are conducted and grades displayed on the Notice Board. The Grievance Redressal Cell also plays a crucial role dealing with complaints including internal evaluation. After the course, students' feedback is collected, evaluated and measures are taken to rectify inadequacies if any. After the publication of the results, the result of each class is analyzed and measures are taken to improve it.

To cite an example, this is how Phonetics is taught in the college. Phonetics is a part of the curriculum of B.A/B.Sc students. In the meeting of the faculty members of the English called at the beginning of the academic year, the relevance of Phonetics in the modern scenario, the *modus operandi* of teaching it, the exercises to be given and how to use the language lab for teaching Phonetics are discussed in detail and a plan is made for taking each batch to the language lab. The teacher gives them hands-on training on basic sounds in

English and move on to higher levels like transcription of simple monosyllabic and di-syllabic words. Then the teacher moves on to the notion of syllabus stress and intonation. The teacher listens to the pronunciation of the students and corrects them as and when needed. The progress of the students is noted in the teachers diary.

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

The Calicut University Website gives up-to-date information about curricular activities. The University provides an academic calendar to the Institution in the beginning of every academic year. It includes the number of working days, holidays, schedule of semester examination, etc. based on which the College prepares its calendar of activities. This helps the college in planning its activities at the beginning of the academic year. The University conducts refresher courses, short term courses, curriculum review workshops and orientation programmes for teachers in the Academic Staff College. The College encourages teachers to attend such programmes and facilitates this by granting them duty leave. The college facilitate its teachers to attend meetings of various academic bodies like Academic Council, Board of Studies, etc. The College organizes a number of State, National and International level seminars and conferences under the auspices of various Departments which provides better academic exposure to teachers and students. It also encourages its teachers to attend similar programmes organized by other Institutions. The College also supports its teachers by providing adequate infrastructure in the form of computers, broadband connectivity and an excellent library.

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

Annual academic plan is the starting point as far as the curriculum delivery and transaction is concerned. The time table Committee prepares the general time table for the entire college, based on which the departments prepare time table

for individual teachers. The head of the department prepares a work schedule that lists the various academic and extra academic activities of the department. Departmental staff meetings discuss the portions to be covered before each internal examination. Effectiveness of teaching and learning are evaluated through regular internal examinations. Tutorial system followed in the college ensures both academic and moral support to the students. Remedial coaching is given to weak students. The Management and PTA ensure uninterrupted execution of the teaching learning process and provides all support that includes infrastructure and professional upgrading and filling of staff vacancies in time for effective transaction. The Purchase Committee discusses the requirements of various depts., Labs, Library and Class rooms and the funds released from management, PTA, UGC and PD are effectively utilized for enhancing the facilities.

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

The College is keen on establishing close relationship between industry and research bodies. Seminars, conferences and various programmes are organized in collaboration with such agencies. Faculty members also collaborate with agencies like UGC, KSTESC, in their research and consultancy work. Various Departments have both formal and informal linkages and collaborations with other institutes of higher learning and these are utilized for the fruitful completion of curriculum. Industry visits and field visits are organized regularly by various departments. Students are encouraged to do their project work in industry and research institutions like IIST, IISC. Some of the faculty members of the college are Chairpersons/ Members of Boards of Studies and Academic Council and they network with the various bodies of the University. Placement and Career guidance cell and Departments organize lectures and seminars by eminent researchers, experts and industrialists.

The college also offers the different programmes initiated by the Department of Higher Education, Govt. of Kerala like Skill training under the Additional Skill



Acquisition Programme (ASAP), Scholar Support Programme (SSP), part of the ‘New Initiatives in Higher Education’ and “Walk With the Scholar (WWS) scheme” for specialized mentoring

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

The college has made substantial contribution to the curriculum development by the university. Many of our faculty members are members of various Bodies like UGC Panel Experts, Syndicate, Senate, Academic Council, Board of Studies and syllabus restructuring committees.

**Table 1.1**

**Details of the Academic / Administrative bodies with which the faculty of the college is associated**

Name of Academic Body	Subject/Area of operation	Name of the members	Name of the university/ Body	Period
<b>Experts in National Committee</b>	Outstation Expert, CBSE& UGC, NET Commerce & Management	Dr. P. Vasanthakumari	UGC , New Delhi	2010 onwards
	UGC Panel Member			2012-13
<b>Syndicate</b>	University Administration	Dr. Sajeev.K	Kannur University	2011 onwards
<b>Senate</b>	Policy formulation	Dr.V. Sudhakaran	University of Calicut	2013 onwards
		Dr. Venugopala krishna Kurup	University of Calicut	2011 onwards
		Dr. Sajeev. K	Kannur University	2011 onwards
<b>Academic council</b>	Curriculum Design	Dr.Sreekanthan.K.N	University of Calicut	2008-13
		Prof.V. Jayakrishnan	University of Calicut	2014 onwards

		Dr. Sajeev.K	Kannur University	2011 onwards
<b>Faculty</b>	Curriculum Design	Prof. P. Sasidharan (Retd.)	University of Calicut	2008-2012
		Dr. K. Usha	University of Calicut	2014 onwards
<b>Board of studies PG</b>	English	Dr. B. R. Geethakumari	University of Calicut	2014 onwards
		Dr.K.Usha	University of Calicut	2012-15
		Dr. Madhusudanan Pillai K.R.	University of Kerala	2014 onwards
		Dr.Madhusudanan Pillai.K.R.	University of Calicut	2016 onwards
	Computer Science	Prof. K. Radhakrishnan	University of Calicut	2011-14
		Prof. Santhosh.R	Kannur University	2013-16
	Hindi	Dr. T. R. Jayasree (Rtd)	University of Calicut	2011-13
		Dr.Sajeev.K	University of Calicut	2014-16
	Physics	Prof. P. Sasidharan (Rtd)	University of Calicut	2008-12
		Dr.Sreekanthan.K.N	University of Calicut	2016 Onwards
	Computer science	Prof.K.Radha krishnan	University of Calicut	2016 onwards
	Commerce Chairman	Dr. P. Vasanthakumari	Vimala College, Thrissur (Autonomous)	2016 onwards
			Mar Athanasius, Kothamangalam (Autonomous)	2016 onwards
	Commerce	Dr. P. Vasanthakumari	University of Calicut	2016 onwards

			St.Joseph College, Irinjalakuda (Autonomous)	2016 onwards
			St.Thomas College, Thrissur (Autonomous)	2014 Onwards
<b>Board of Studies UG</b>	English Chairman	Dr.Madhusudanan Pillai.K.R.	University of Kerala	2014 Onwards
	Malayalam	Dr.U.Jayaprakash (PRINCIPAL Retd.)	CMS College, Coimbatore	2011
	Botany Chairman	Dr.V.Venugopala krishna Kurup	University of Calicut	2016 onwards
	Economics	P.C.Thankom	University of Calicut	2016 onwards
		Dr.Maya.C.Pillai	University of Calicut	2016 onwards
	History	Dr.V.P.Devadas	University of Calicut	2016 onwards
	General Chemistry	Prof. K. Usha (Rtd.)	University of Calicut	2010-13
		Prof. C. Hemalatha(Rtd.)	University of Calicut	2010-13
	Physics	Prof. Manju.B.L	University of Calicut	2010-13
	Computer Science	Prof. K. Radhakrishnan	University of Calicut	2011-12
Computer Science	Prof. K.G.Priyesh	Kannur University	2011-13	
	Prof. K.G.Priyesh	University of Calicut	2016 onwards	

<b>Board of Studies (Single Board)</b>	Industrial Chemistry	Dr. Dhanya. T.P	University of Calicut	2016 onwards
		Dr. Mohana Krishanan.M	University of Calicut	2016 onwards
	Physics	Prof. Manju.B.L	University of Calicut	2016 onwards
<b>Experts in Admission Committee</b>	University Admission Committee	Dr. Sreekanthan. K. N	Calicut	2014 onwards
		Dr.Sajeev.K.	Kannur University	2014 onwards
<b>Experts in Research</b>	Doctoral Committee member	Dr.Vasanthakumari	Kannur University	2014 -16
		Dr.V.Venugopala Krishnakurup	University of Calicut	2016 onwards
		Dr. Sajeev.K	University of Calicut	2014 onwards
	Ph.D Thesis Examiner	Dr.Madhusudanan Pillai.K.R. (PRINCIPAL)	Madurai Kamaraj University	Since 2015
		Dr.Vasantha kumari.P.	Periyar University, Salem	2016
			Sourashtra University, Rajkot	2016
			SRTM University, Maharashtra	2016
		Dr.Sushama.S	Kannur University	2016
		Dr. Sajeev. K	Karpagam University	2016
	Ph.D Thesis Chairman	Dr.Vasanthakumari. P.	Sourashtra University, Rajkot	2016
	Research Guides	Dr.K.Usha	University of Calicut	2013 onwards
Bharathiyar University			2013 onwards	

		Dr.Vasantha kumari.P.	M.G.University University of Calicut	2010 onwards 2012 onwards
		Dr.Sushama.S	Bharathiyar University	2013 onwards
		Dr. Sajeev. K	Kannur University	2010 onwards
<b>Experts in other bodies</b>	Subject expert in selection board of Asst. Prof. in affiliated colleges	Prof.Jayakrishnan	University of calicut	2015-16

*1.1.7 Does the institution develop curriculum for any of the courses offered (other than those under the purview of the affiliating university) by it? If 'yes', give details on the process ('Needs Assessment', design, development and planning) and the courses for which the curriculum has been developed.*

College offers Bridge course for First Semester UG students and Finishing School for Fourth Semester PG students.

**Table 1.2**

**The certificate courses provided by the Departments**

Year	Department	Certificate course
2011-12	Commerce	MS Office and Internet browsing
	Malayalam	Malayalam DTP certificate course
2012-13	Commerce	Import and Export Management by International Academy for certification and training
	Computer Science	MS Office
	Malayalam	Malayalam DTP Certificate course
2013-14	Commerce	Retail Management by International Academy for certification and training
	Computer Science	MS Office
	Malayalam	Malayalam DTP Certificate course
2014-15	Commerce	Supply chain management by International Academy for certification and training
2014-15	Computer Science	MS Office
	Malayalam	Malayalam DTP Certificate course
2015-16	Commerce	Six Sigma by International Academy for certification and training
	Malayalam	Malayalam DTP Certificate course
2016-17	Malayalam	Malayalam DTP Certificate course

**The Syllabus of Certificate Course offered by  
PG Department of Computer Science**

**Microsoft Word**

Word processing – start and Exit Microsoft Word – Creating, Saving, Opening, Editing, Closing document – Move and Copy texts – Formatting texts and Paragraphs – Creating Columns and Tables in documents.

**Microsoft Excel**

Spreadsheet – Starting and Exiting Microsoft Excel – Organization of the worksheet window – Entering values (Number, Formula and Dates) and Texts – Edit, Copy, Delete, Move data – Inserting and deleting rows and columns. A simple worksheet.

**Microsoft PowerPoint**

PowerPoint presentation – Start and Exit Microsoft PowerPoint – The PowerPoint Toolbars – Working with design template and Auto Content wizard – Formatting and Editing Slides – Drawing and Pictures in PowerPoint – Sound and Animation in PowerPoint – PowerPoint slide show.

**References:**

1. <http://www.msoffice-tutorial-training.com/microsoft-office-syllabus.html>

**The Syllabus of Certificate Course offered by  
PG Department of Commerce**

**MS Office and internet browsing**

Windows, MS-Word, MS- Excel, MS-Powerpoint, Internet, Introduction to G-mail

**Import and Export management**

Stages of import procedure-Principal laws and import policy-License application fees-Imports under special schemes-selecting the overseas suppliers-Finalizing the terms of import-Export credit system in India-Export finance-Exchange rate policy and regulation-Letters of credit-Export Documentation Framework-Shipping Terms.

### **Retail Management**

Strategic Retail planning-Types of retail formats-Key Retail segments-Store location-Inventory management-Retail Store operation and management-Financial strategy-Growth strategies-Building competitive advantage-Management of Retail stores-The road ahead in India-Careers in retailing.

### **Supply chain management**

Logistics and SCM Models-Demand Forecasting-Inventory, Management-Supply planning, MRP, DRP, JIT-Transportation and Warehousing-Procurement and purchasing-Technology in SCM-Practical Tips in Logistics.

### **Six Sigma**

DMAIC-Project charter-voice of the customer-Pareto charts-Critical to QUALITY-Cause and effect Diagrams-Failure Mode and Effects Analysis (FMEA)-Design of Experiments (DOE)-Analysis Of Variance(ANOVA)-Hypothesis testing-Control charts.

## **The Syllabus of English Section of the Finishing School**

### **Module I Listening**

Introduction, definition of listening, listening vs hearing, process of listening, problems students face in listening, sub-skills of listening, what is good listening? strategies of listening, barriers to listening, listening in the workplace, activities that help you to become better listeners.

### **Module II Speaking**

English, the *lingua franca*, varieties of English; Indian English, Received Pronunciation, Why phonetics, Organs of speech and speech mechanism; Classification of English sounds- vowels; consonants; IPA symbols, transcription, the syllable, syllable structure, stress and intonation, some rules of pronunciation, Indian English and deviations from RP, Speaking as a skill; speaking on formal and informal occasions; how to perform a wide range of language functions such as greeting, thanking, complaining, apologizing.

**Module III Reading:** Introduction, The Reading Process, Reading and Meaning, Methods to Improve Reading, Strengthening Your Vocabulary, Understanding Graphics and Visual Aids, Previewing, Reading in Thought Groups, Avoiding the re-reading of the Same Phrases, Barriers to Reading, Skills for Speed Reading, Sub-skills of Reading, Skimming, Scanning, Extensive Reading, Intensive Reading, Reading E-mail, E-books, Blogs and Web pages

#### **Module IV**

Writing as a skill – its importance – mechanism of writing – words and sentences - paragraph as a unit of structuring a whole text – combining different sources – functional use of writing – personal, academic and business writing – creative use of writing. Writing process - planning a text – finding materials - drafting – revising – editing - finalizing the draft - computer as an aid – key board skills - word processing - desktop publishing. Writing models – essay - précis - expansion of ideas – dialogue - letter writing – personal letters formal letters - CV – surveys – questionnaire - e-mail – fax - job application - report writing. Academic writing - writing examinations - evaluating a text - note-making- paraphrasing – summary writing - planning a text – organizing paragraphs – introduction – body – conclusion – reading and rewriting - copy editing - accuracy. Presentation as a skill - elements of presentation strategies – audience – objectives – medium – key ideas - structuring the material - organizing content - audio-visual aids – handouts - use of power point - clarity of presentation - non-verbal communication - seminar paper presentation and discussion.

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

Systematically monitored internal evaluation system is introduced in the college. Performance of students in co-curricular and extra-curricular activities in and outside the college is also closely monitored. The administration, both at the Institutional and Departmental level, ensures that there is no gap in the



process of teaching-learning. The integration of technology into the process is a priority of the Institution. The library is a major learning resource that is constantly updated and upgraded, both in the case of functioning and its resources. Value added programmes, career orientation, value education and moral classes, students' activities, ICT aided seminars and project presentations, etc. are conducted to effectively achieve the objectives. Student enrolment for higher studies, research, etc. is closely monitored by departments. College and department level alumni associations network the college to the current global scenario. The percentage of pass, number of university ranks and grades, placements, etc. are other indicators of achievement. Feedback from stakeholders especially from parents, students and employers are also taken into account.

## **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.*

### **Goals and objectives of certificate course in computer science**

The general objective of the certificate course in Computer Science was to familiarize the participants with computers and to give them training in Microsoft Word and to familiarize them with Desktop publishing. The course helps to the participants to acquire jobs in local computer centres and helped them to start computer centres of their own. This course was conducted for one month. The syllabus of the course was designed by the Department of Computer Science of the college in consultation with Board of Studies members.

### **Goals and objectives of certificate course in finishing school**

The general objective of the certificate course in Finishing School was to familiarize the participants with the modern job scenario and prepare them for facing interviews. With a view to equip the participants to face challenges in the job market, the programme helps them to develop their communicative and soft skills. The Finishing School Programme was conducted during the academic

year 2015-16 and 2016-2017 for final year PG students. Both the programmes were named Naipunnya – I and Naipunnya – II respectively. The students enjoyed the programme and found them very useful.

**Goals and objectives of certificate course in commerce.**

The general objective of the certificate course offered by commerce department was to provide the students with the information regarding new areas and trends in marketing management. The course helps the students to get jobs in marketing area. The syllabus of the course was designed by International Academy for certification and training

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

No. The institution does not offer programmes that facilitate twinning /dual degree.

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

- Range of Core / Elective options offered by the University and those opted by the college
- Choice Based Credit System and range of subject options
- Courses offered in modular form Credit transfer and accumulation facility
- Lateral and vertical mobility within and across programmes and courses
- Enrichment courses

This being an affiliated College, the core programmes offered are designed by the University. A few Departments allow their PG students to choose their electives within the confines of the University norms.

**Table.1.3.****The Elective Courses Offered by the College - UG**

No.	Name of Department	Name of the Elective paper	Year
1	English	Regional Writing	2011 onwards
2	Hindi	Journalism and Mass Communication	2011 onwards
3	Malayalam	Cyber Malayalam	2011 onwards
4	History	Principles and Methods of Archaeology	2014 onwards
5	Economics	Business Economics	2011 onwards
6	Mathematics	Linear Programming & Game Theory Linear Programming	2011-2012 2012 onwards
7	Computer Science	Operating System Visual Programming System Software	2011-2014 2014-2016 2016 onwards
8	General Chemistry	Analytical Chemistry Polymer Chemistry	2011-2016 2016 onwards
9	Industrial Chemistry	Polymer Chemistry Medicinal Chemistry and Drug Development	2011-2016 2016 onwards
10	Physics	Material science & Thin films Computational Physics	2011-2016 2016 onwards
11	Botany	Advanced Angiosperm Systematics	2011 onwards
12	Zoology	Aquaculture, Animal Husbandry & Poultry Science	2011 onwards
13	Commerce	Indian Financial System Financial Management Financial services Fundamentals of investment	2011 onwards

**Table.1.4**

**The Elective Courses Offered by the College – PG**

No.	Name of Department	Name of the Elective Paper	Year
1	English	Advanced Communication, British & Continental Drama European Fiction in Translation, American Literature Women's Writing, Postcolonial Fiction & Drama American Ethnic Writing, Dissertation	2011 onwards " " "
2	Economics	Business Economics	2011 onwards
3	Mathematics	Fluid Dynamics Algebraic Number Theory Operations Research	2011-2015 2011 onwards 2015 onwards
4	Physics	Elementary Particles & Astrophysics Astrophysics Experimental Techniques Lasers & Fiber Optics Microprocessors & Applications	2011-2012 " 2011 onwards 2012 onwards "
5	Computer Science	Principles of Compiler Design Data Warehousing & Mining Web Technology Wireless & Mobile Networks System Security Advanced Java Programming	2013-2014 2014-2015 2015 onwards " " "
6	Commerce	Financial management Security analysis and Portfolio management Strategic financial management Tax planning and management	

**Range of Subject Options:** The introduction of CUCBCSS has brought in a certain amount of flexibility with regard to the choice of optional subjects. The interdisciplinary system of optional/open courses brings together students belonging to various disciplines in a common platform. Open Courses offered by various Departments under the UG Programme of the University offer some choice for the students.

**Table.1.5**  
**List of Open Course**

OPEN COURSE DETAILS		
Sl.No	Subject	Title of the paper
1.	English	Applied Language Skills
2.	Hindi	Spoken Hindi
3.	Malayalam	Chalachithra Padanam
4.	Economics	International Trade & Finance
5.	History	Historical Tourism
6.	Mathematics	Mathematics for Natural Science
7.	Physics	Non-conventional energy sources
8.	Chemistry	Environmental Chemistry
9.	Industrial Chemistry	Chemistry in everyday life
10.	Computerscience	Web Designing
11.	Botany	Applied Botany
12.	Zoology	Reproductive Health & Sex Education
13.	Commerce	Basics of Entrepreneurship & Management
14.	Physical Education	Physical activity, Health & Wellness

Even though courses are offered in module form, there is no choice between modules in courses. All modules are rigid and cannot be interchanged with modules in another course.No credit transfer or accumulation of credit facility is available.A fair amount of academic flexibility is available for higher studies in social sciences and humanities. Students of any B.Sc. programme with Mathematics as one of the complementary course can go for M.Sc. Computer Science

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

No. The institution does not offer self-financed programmes.

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

- Under the auspices of the Govt. of Kerala, a new programme, ASAP (Additional Skill Acquisition Programme) for students has been implemented from 2012 onwards. A considerable number of students are selected for the programme from our college by the Government.
- Under the “New Initiatives in Higher Education” of the Department of Collegiate Education, Government of Kerala, a specialized mentoring programme called Walk with a Scholar was started in this college from 2014-15 academic year. This scheme introduces the idea of mentoring the undergraduate students and it is structured on the concept of the mentor as a Guide and Friend. Mentoring is a process where a mentor with greater experience and wisdom guides the mentee to develop both personally and professionally.
- The College launched a novel initiative called the Scholar Support Programme (SSP) for the first-year undergraduate students under the auspices of the DCE, Govt. of Kerala, in 2014-15. SSP envisages the provision of providing additional and personalized assistance to academically weak students. Accordingly, fifty (50) students from five subjects are selected on the basis of ‘Results Analysis’ (i.e. from data made available at the DCE website). Such students are given tutorials, study material and question banks, etc. The plan is slated to be extended to the second and the third year of the degree programme in the subsequent years. A minimum of fifteen (15) classes are held for such students outside the regular hours of the college.

- The Computer Science Department offers Certificate course in Computer Applications for the development of ICT skills of students.
- Group discussions, mock-interviews, Spoken English, personality development programmes etc. are offered by the Career Guidance and Placement Cell for the development of soft skills.
- Under the entry to services scheme of UGC, the college offers special coaching programmes to promote clerical aptitude, verbal aptitude, numerical aptitude, general mental ability, etc. of the students to prepare them for competitive examinations conducted by UPSC, SSC, PSC, Banks, Railways, etc. and a large number of students got placement through the placement cell.
- With a view to promote skills in teaching and research, UGC/CSIR NET/JRF test coaching is offered to students.

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

No. The University does not provide for flexibility of combining the conventional face-to-face and distance mode of education.

### **1.3 Curriculum Enrichment**

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

- Computer training programmes and certificate courses are conducted. Soft skill development programmes are organized.
- Career training programmes are organized. Coaching for competitive examinations, training for group discussions, mockinterviews, are conducted.
- Entrepreneurial skill development programmes are organized.

- Women Cell functioning in the college executes a multitude of activities for women empowerment and security. Yoga and Karate Classes for girls are conducted.
- Under the auspices of the NSS, legal awareness programmes (Consumer protection, general rule, traffic rule etc.) have been organized.
- NSS, Red Ribbon Club and Bhoomitra Sena organize various ecological awareness and tree planting programmes for nurturing a love towards environment and biodiversity.
- Leadership training programmes under the auspices of the NSS unit are envisaged to foster social awareness and commitment.
- The College Union organizes various programmes for promoting leadership qualities, patriotism, and national integration as well as parliamentary system of democracy.
- Under the auspices of the College Union various competitions in cultural and literary events, sports and games, etc. are organized for nurturing the talents of students.

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

- Career guidance cell provides the students with career awareness and soft skill development sessions.
- B.Sc. Industrial Chemistry Programme offers ample carrier opportunities in chemical industry. The open courses offered by Malayalam and History departments. enhance the experiences of the students in the current employment market.
- Commerce department has linkage with number of industry which facilitate the students to do their projects in reputed industries.
- Students are given opportunity to interact with representatives of major industries and alumni with industry experience on Industry-Academy



collaborations. This helps in molding the students to cater to the needs of the employment market.

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

- Women's cell addresses women specific issues, organizes workshops and seminars concerning women's equality, gender issues and so on. Yoga classes, Health education and legal awareness programmes are some of the Women Empowerment initiatives undertaken by the Women's cell constitute Karate classes and classes on self-defense mechanism also are conducted.
- NSS and Bhoomitra Club conduct programmes on climate change and environment. They create in the student's awareness of the need for conservation of nature.
- Road safety awareness programmes are conducted to make the youngsters aware of the traffic rules and safety measures.
- All effort are made by the Institution to integrate ICT into the teaching learning process. The University has included assignments, seminars and projects as part of the curriculum and this has led to an increased use of technology by staff and students. Computer based tests were conducted for Final year students to give practice for appearing in online competitive examinations.

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

The college offers various programmes in order to enhance the holistic and academic improvement of the student's progress.

#### **Value Added Courses**

- Tutorial system: The tutorial system of the college works effectively with the intention of inculcating good values in the students

- Women Cell: To motivate the girls to become independent individuals, the women's cell conducts classes and motivation sessions. Women's cell alerts the students about gender issues and inspires them to become role models.
- Blood Donor's club, Red ribbon club, Pain and palliative care and similar social outreach programmes always try to open the eyes of students to the social issues that exist around them.

### **Career Enhancement Programmes**

- Certificate courses offered by various departments cater to the requirements of young generation to be suitably placed.
- Career guidance and placement center guides the students to choose the best option available in the job market
- Finishing school and entrepreneurship club equip the students to develop skills required in the future quest for jobs or higher studies
- Coaching classes for various competitive exams are held regularly to enable the students to prepare for future career prospects under entry to services scheme of UG.

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

The feedback from stakeholders conveyed to the Boards of Studies of the University through representatives in the Board from the college. Feedback from the Alumnae gives us ample information regarding their strengths and weaknesses, in the light of which, we provide facilities for acquiring additional skills to students. Exposure of faculty to new and interdisciplinary programmes like seminars, workshops, refresher/orientation courses enables them to enrich themselves with recent trends in higher education. Parents' evaluation in class PTA is also used to enhance the various curricular and co-curricular activities of the institution.

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

Each enrichment program is monitored by a coordinator appointed by the principal. Internal examinations and practical sessions have been conducted regularly to evaluate the enrichment programmes offered by the college.

#### **1.4 Feedback System**

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

Faculty who are members of Academic Council and Boards of Studies of the University actively participates in the development of curriculum. Teachers participate in the workshops on syllabus restructuring, and communicate the feedback from the students and other faculty members

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

Yes. Teachers who are members of Academic Council and Boards of Studies of the University communicates the issues in the curriculum in their meetings. The feedback obtained in class PTA and tutorial meetings are seriously taken and appropriate changes are introduced.

*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?)*

B.A History Programme with Tourism started in 2013 which is a unique course in this new global scenario.

M.Sc. Computer Science programme in aided/government sector is rare, even though a large number of B.Sc./B.C.A students are passing out yearly. So, M.Sc. Computer Science programme was started in 2013.

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

## **CRITERION – II**

### **TEACHING, LEARNING AND EVALUATION**

From its inception in 1961, the noble intention of serving the students efficiently has guided the teaching-learning and evaluation process of the college which is situated in a rural and economically backward area. For the past 55 years, the college has been the major and the most sought after institution for students hailing from the surrounding remote villages, aspiring for higher education. The college with a major thrust on empowerment of women has evolved many welfare schemes and good practices for the benefit of its student community. Typically, the demographic profile of the college is that of the Kerala state which has a higher ratio of girl children. The state with its high literacy rate contributes to a diverse educational environment with students who are second or third generation learners. Since the number of students qualifying Higher Secondary Examination from State boards, VHSE, CBSE, and ICSE with high scores is on the rise, the college has attempted to meet the challenges of providing an enabling atmosphere to students and live up to the mission and vision of the institution as envisaged by the founding father.

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

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

The college, which is affiliated to the University of Calicut, follows the framework defined by the parent university which is the same for all its constituent colleges. Candidates who wish to be considered for admission to various UG and PG courses in different colleges are required to apply online and admission is done through the Single Window System of the University. The students can log on to University website directly for uploading their marks and each student is provided with CAP ID number for future reference. The students can select the college and course of their choice. The University then

allots the student candidates to various colleges according to their merit and preference.

The college in turn has an admission committee which comprises of the principal who acts as the convenor and three teaching faculty as members. Prior to the admission, the committee reviews the guidelines for the admission process, updates the college prospectus, appoints a Nodal officer for admission, and gives logistical support to individual departments during the time of admission.

The admission committee ensures that the admission is well accounted and closely scrutinised for fair and transparent admission. All student documents are verified scrupulously to establish their eligibility. The college upholds the national policy on reservations and differently-abled candidates and the guidelines for filling these seats are strictly adhered to.

The process of updating the college prospectus is done annually in March. The prospectus includes the details of each department, courses offered, fee structure, infrastructural facilities, and student support services.

The nodal officer acts as a ready reckoner in all matters related to the admission. Nodal officer acts as the intermediary between the college and the university, and effectively ensures the smooth functioning of the admission mechanism.

The entire non-teaching staff is engaged and required to contribute to designated tasks.

The college maintains a website which gives comprehensive information about the college foregrounding the strength of all departments. The parents/guardians/ relatives and the prospective students also approach directly and through phone.

Student volunteers routinely set up information desks and provide assistance by interacting with prospective students and answering their queries. The selected student list is uploaded to the university and vacancies are intimated periodically. The list is thus automatically upgraded for further allotment.

*2.1.2 Explain in detail the criteria adopted and the process of admission (i) merit (ii) common admission test conducted by state agencies and national agencies (iii) combination of merit and entrance test or merit and interview / test and interview (iv) any other*

The University had introduced the Single Window System and the provision of the CAP ID from 2012 onwards and students are allotted seats on the basis of merit and choice of subject and college. Students are ranked according to merit in the general, reservation, sports, differently-abled, and community quotas too. The Index marks are calculated by the university giving additional weightage to the subject opted for. Rank list is published in the university website.

There is an additional weightage of 15 marks for the offspring of defence personnel and also to students who have participated in NSS/NCC activities for their Higher Secondary/ Graduate courses.

Students who have participated in arts or sports at state, national, or university level are given an additional 10 marks. Candidates who apply under this category are admitted on the basis of the certificates produced.

The admission for all PG courses except M.A English and M.Sc. Computer Science are conducted using the above method. But entrance examinations for the subjects mentioned above are conducted for students who wish to enter this stream from other disciplines.

*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.*

**Table 2.1**  
**Maximum and Minimum Percentage for admission for UG**

Programmes		2011-2012			2012-2013			2013-2014			2014-2015			2015-2016			2016-17		
		Gen	SC	ST	Gen	SC	ST	Gen	SC	ST	Gen	SC	ST	Gen	SC	ST	Gen	SC	ST
English	Max	90	66	-	87	92	-	88	82	-	93	76	-	94	88	-	93	77	-
	Min	65	27	-	75	63	-	72	61	-	82	63	-	81	71	-	80	63	-
Hindi	Max	83	68	-	87	70	-	84	88	-	83	73	-	84	79	-	87	74	-
	Min	56	59	-	54	62	-	50	63	-	53	62	-	61	62	-	63	58	-
Malayalam	Max	88	71	-	90	74	-	88	73	-	90	71	-	83	75	-	91	75	-
	Min	72	68	-	75	70	-	74	69	-	72	69	-	76	70	-	76	72	-
Economics	Max	85	72	59	90	73	70	90	86	79	87	87	54	95	85	73	96	87	60
	Min	70	65	-	72	69	58	70	69	75	64	63	--	85	63	64	86	76	-
History	Max	-	-	-	-	-	-	-	-	-	72	60	--	67	52	-	75	68	52
	Min	-	-	-	-	-	-	-	-	-	60	55	--	64	47	-	60	56	-
Maths	Max	95	74	-	94	85	-	88	75	-	94	93	-	97	90	-	97	75	-
	Min	60	56	-	54	53	-	55	52	-	59	55	-	66	56	-	69	51	-
Physics	Max	97	69	-	97	66	-	96	80	-	95	68	-	96	80	-	99	92	-
	Min	57	51	-	51	54	-	59	56	-	63	62	-	59	70	-	61	53	-

Chemistry	Max	92	67	-	95	80	-	90	60	-	90	70	-	92	78	-	97	87	
	Min	77	52	-	80	56	-	81	52	-	77	49	-	84	69	-	59	52	-
Industrial Chemistry	Max	90	84	-	91	77	-	91	70	-	87	64	-	87	62	-	91	66	-
	Min	77	49	-	77	49	-	74	53	-	52	50	-	77	60	-	77	49	-
Computer science	Max	83	65		92	72	-	95	85	-	92	79	-	93	74	54	94	81	-
	Min	84	56		85	63	-	85	71	-	84	69	-	86	59	-	75	69	-
Botany	Max	87	73	-	92	70	-	93	75	-	75	61	-	78	63	60	82	70	52
	Min	73	64	-	72	56	-	69	71	-	58	43	-	71	54	56	62	58	50
Zoology	Max	80	70	-	87	82	-	91	72	-	94	78	-	93	86	-	94	82	-
	Min	75	58	-	72	66	-	66	63	-	80	75	-	76	60	-	81	80	-
Commerce	Max	93	85	-	99	88	-	94	94	60	100	94	-	98	91	66	96	85	-
	Min	85	71	-	90	73	-	87	79	60	96	84	-	93	80	56	92	60	-



Table 2.2

Maximum and Minimum Percentage for admission for PG

Programmes		2011-2012			2012-2013			2013-2014			2014-2015			2015-2016			2016-17		
		Gen	SC	ST	Gen	SC	ST	Gen	SC	ST	Gen	SC	ST	Gen	SC	ST	Gen	SC	ST
English	Max	78	73	-	94	81	-	93	80	-	88	70	-	92	84	-	91	86	-
	Min	64	57	-	82	67	-	84	66	-	78	63	-	84	66	-	83	63	-
Economics	Max	78	57	-	79	73	-	87	71	-	85	75	-	85	75	-	82	73	-
	Min	72	53	-	70	65	-	80	67	-	79	70	-	81	70	-	79	69	-
Commerce	Max	85	73	-	97	87	-	92	81	-	95	87	-	97	87	-	96	88	-
	Min	77	69	-	92	81	-	90	77	-	86	79	-	89	67	-	90	76	-
Maths	Max	95	74		95	74		95	74		97	79		97	66		97	72	
	Min	60	60	-	60	60		60	60		63	64	--	67	59		70	62	
Physics	Max	89	69	-	97	75	-	95	75		93	78	--	92	77	-	94	70	-
	Min	80	62	-	71	66	-	79	71		68	69	--	78	75	-	80	62	-
Computer Science	Max			-				90	75		94	74	-	91	69	-	94	-	-
	Min			-				80	64		80	62	-	75	56	-	79	-	-

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

The admission process of the college synchronises with the Single Window System set in place by the university for its affiliated colleges. The Admission committee of the college monitors the entire process of admission to various

departments and ensures transparency of the system. The Nodal officer is always on call and works relentlessly during the time of admission. Nodal officer is ably supported by the teaching faculty, non-teaching staff, and student volunteers. The Nodal officer uploads the list of admitted candidates to the university who renews the list subsequently on the basis of vacancies reported by the colleges. This process continues for all categories until the vacancies are filled.

IQAC studies the admission process aided by inputs from parents and non-teaching staff (collected orally). Such impromptu feedback helps the college to improve amenities during the admission process facilitating the fee payment procedure.

When the classes begin, the admitted students are given a bio-data form which is to be filled in with all relevant and necessary details. This helps the tutors to have an insight into the background of the students and helps them in grooming their wards to a large extent according to their specific needs.

The college has evinced keen interest in providing an enabling atmosphere for the socially disadvantaged sections of society to merge with the mainstream through various programmes like remedial coaching, SSP, and counselling for girl students under the aegis of Women's cell.

*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 the student profile demonstrate/ reflect the national commitment to diversity and inclusion (for SC/ST/OBC/Differently Abled, Economically weaker section, women, Minority community, Any Other).*

The College with its parent university strives to fulfil its constitutional duties in letter and in spirit by upholding the national commitment to diversity and inclusion of all segments of society. A rank list is exclusively prepared for SC / ST candidates, and community merit by the university.

As per existing rules of the Government 15% reservation is available for SC candidates and 5% to ST candidates. In certain cases, filling the ST category seats become a challenge because of the lack of applicants. In the absence of ST

applicants, the seats are reverted to SC students after due advertisement. The students admitted are provided with scholarship and grant as per government rules.

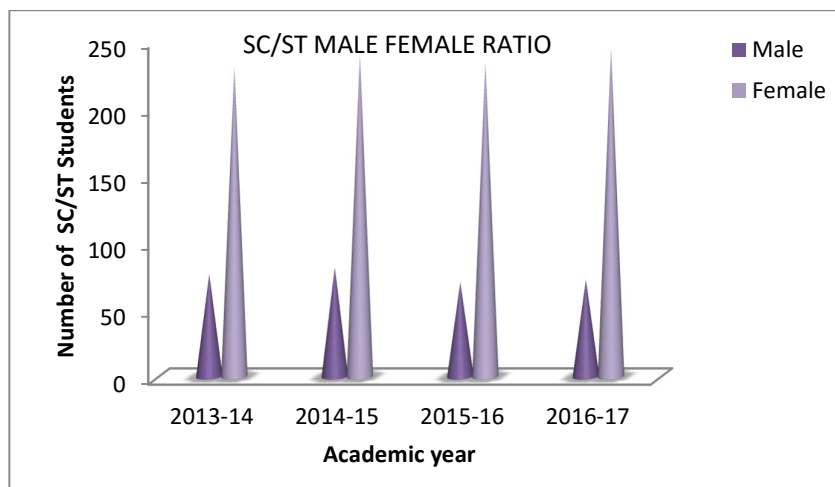
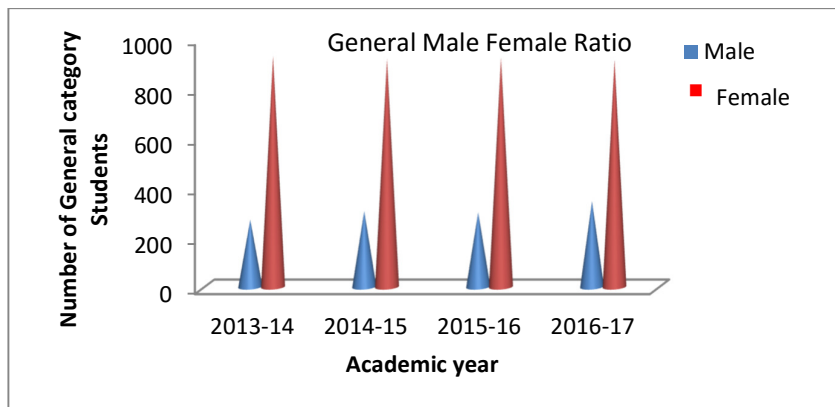
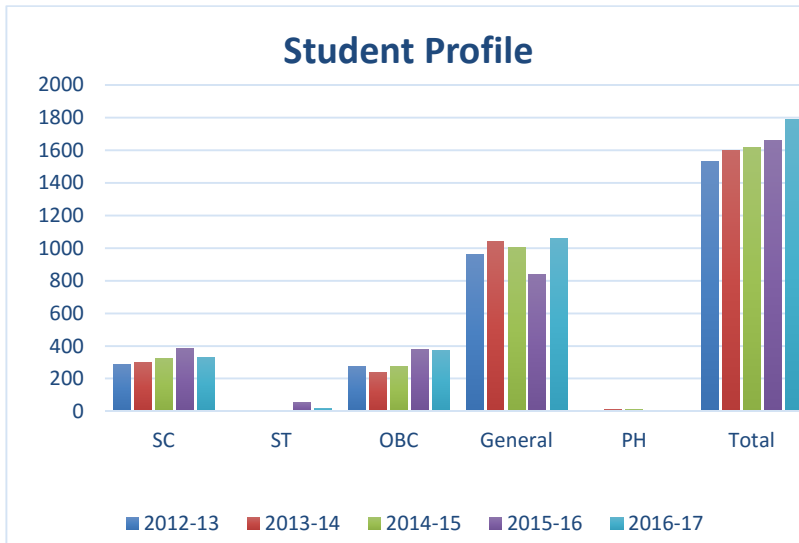
Girl students form about 77% of the student community. Admission is solely on merit basis in all categories as per government norms. College provides hostel facility and rest room facility for girls. The Women's cell constantly motivates and empowers girl students by its activities. All departments support the married and pregnant girls to continue their education by providing adequate leave of absence abiding by university norms.

Students with disability are given access to education as per government rules. There is a 2% reservation for differently abled students in all subjects. The college tries to lessen their difficulties by providing them with classroom facilities in the ground floor if possible. The campus infrastructure has been modified wherever possible to aid the mobility of these students. Two miniature ramps in different locations have been provided for these students to have access to class rooms.

The college endeavours to ensure the continued education of students belonging to economically weaker sections by partial/full waiver of fees, and the relaxation of PTA amount to be contributed to the college bursary. Meritorious students are provided with scholarships/ endowments. Students who participated in sports at district, state, or national level have 2% reservation of seats in all subjects. Students who have participated in extracurricular activities like Arts at district or State level are given a grace mark of 10 facilitating their entry into higher institutions of learning.

**Table 2.3**  
**Student Profile**

Categories	2012-13	2013-14	2014-15	2015-16	2016-17
SC	288	301	324	384	331
ST	2	5	8	56	19
OBC	276	241	272	381	371
General	960	1040	1003	837	1061
PH	6	9	9	5	5
<b>Total</b>	<b>1532</b>	<b>1596</b>	<b>1616</b>	<b>1663</b>	<b>1787</b>



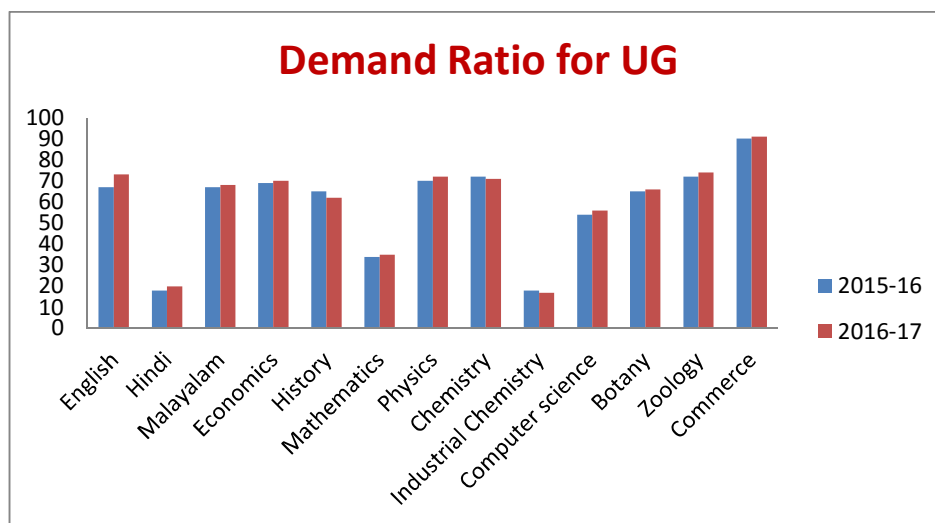
The college is situated in the Palakkad–Shoranur State Highway with a number of State and privately owned buses plying the road which provides easy accessibility to students. As the college is located in a rural area most of the students here belong to the economically weaker section of the society. The college with easy accessibility and a long-standing reputation of providing quality education is the most sought after institution of higher learning in the area.

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

**Table 2.4**

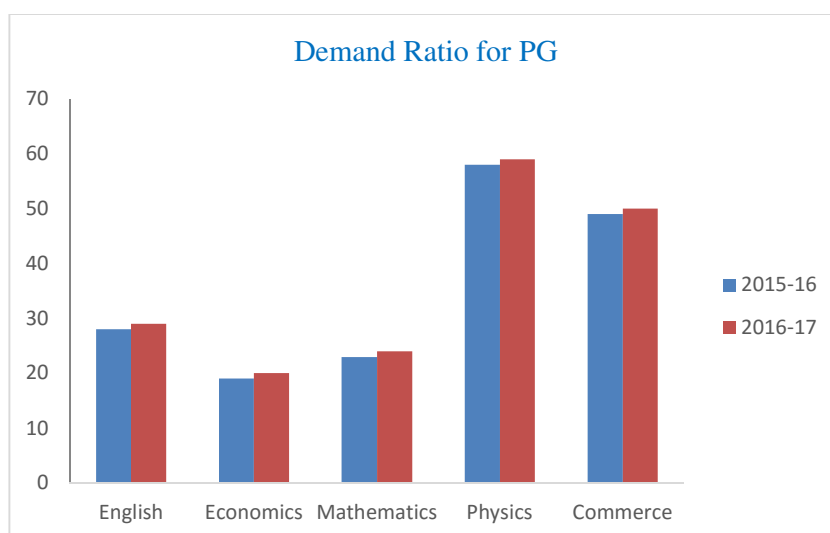
**Demand ratio for the various programmes during the last four yearsUG**

Programmes	English	Hindi	Malayalam	Economics	History	Mathematics	Physics	Chemistry	Industrial Chemistry	Computer Science	Botany	Zoology	Commerce
2015-16	67	18	67	69	65	34	70	72	18	54	65	72	90
2016-17	73	20	68	70	62	35	72	71	17	56	66	74	91



**Table 2.5**  
**Demand ratio for the various programmes during the last four years PG**

Programmes	2015-16	2016-17
English	28	29
Economics	19	20
Mathematics	23	24
Physics	58	59
Commerce	49	50



PG Computer Science admission is based on entrance examination conducted by University of Calicut. No programme has been discontinued. A new aided UG course, B.A programme in History, has been sanctioned and the first batch of students will graduate in 2017. A PG course in M.Sc. Computer Science has been added to the existing UG programme keeping in mind the high demand for computer expertise in today's industries.

## 2.2 Catering to Student Diversity

*2.2.1 How does the institution cater to the needs of the differently abled students?*

The college has worked relentlessly towards providing a sensitive environment to the differently abled students. Two percentage seats are reserved for the

benefits of these students who aspire towards higher centres of learning adhering to the governmental norms. The faculty as well as the students are sensitive to the needs of the differently abled. They address a wide range of concerns like location of class rooms, inclusive participation in all curricular and extracurricular activities. The college has been made accessible with appropriate ramps to ensure mobility. Such students are also accommodated in class rooms situated in the ground floor. During examinations the students are provided with scribes and an extra 30 minutes for completion.

The differently abled students have exceptional talents in some fields. They participate in extension activities and community centric programmes of the college. Inclusive participation is promoted by various students' bodies which lend values and qualities to college activities.

*2.2.2 Does the institution assess the student's needs in terms of knowledge and skills before the commencement of the programme?*

Students enrolled in a higher education programme have challenging times ahead of them. Teaching pedagogies are more nuanced and the subjects are taught in depth when compared to the higher secondary level. The course content is vast and the learner's competency has to be developed to meet the demands. The institution conducts a bridge course for every program at the beginning of the academic session. During this the scope and prospects of the course are explained in detail. This helps to bridge the gap between the course requirements and the existing competencies of the learner.

The college also organizes a 'Know your College' programme for beginners to get acquainted with the Central Library and is encouraged to join various clubs according to their interest and aptitude. Scholarships for meritorious students and learners from poor economic background are given grants and endowments, apart from the government sanctions, to facilitate their education.

*2.2.3 What are the strategies adopted by the institution to bridge the knowledge gap of the enrolled students?*

Each department conducts an Orientation program specifically on the discipline on the first day of the academic session when the students report back to their

parent department after the Bridge course. This helps the faculty to assess the individual students who come from diverse backgrounds at the higher secondary level. The teaching faculty of the department then discuss and plan their strategies to achieve learning outcomes. The college conducts an innovative Scholar Support Programme which aims at improving and strengthening the learning competency of difficult learners.

The students are guided and assisted in making choices depending on their aptitude and life goals. Walk With Scholar is a program for meritorious students whose needs and demands are catered to by individual mentors among the teaching faculty. This creamy layer among the learners are given special coaching by their mentors as well as by invited resource persons, taken to visit higher centres of learning like the IITs, and given opportunities to interact with people of prominence in their respective disciplines.

The students who come to this institution are from different cross sections of society with different learning abilities too. Some of them require a more personalized kind of attention than can be provided in a general classroom. Remedial and Peer Teaching addresses the difficulties that students face in regular classroom lectures and creates a level playing field for them. Such classes taken beyond the regular teaching hours of the college strengthens subject competency, enables interaction between students and teachers, and also bridges the gap between learners. Peer teaching facilitates student learning as the teaching environment becomes more of a sharing of knowledge among students themselves.

Career and Council Cell of the college gives career guidance and counselling to students from various disciplines. The students are encouraged to attend various sessions to understand market demands, to increase their subject knowledge, and to hone their skills facilitating their employability.

*2.2.4 How does the college sensitize the staff and students on gender, inclusion, and environment?*



The college has a commendable practice of providing an empowering space for women. In a college where 77 % of the students is girls, initiations and interventions in sensitizing the campus community on gender issues are multi-pronged.

### **Gender Sensitization Programme**

Women's Cell of the college spearheads all activities concerned with gender sensitization by organizing various seminars for creating awareness and raising consciousness of issues faced by women in domestic, social, and professional environments. The cell also provides mentoring and counselling services, creates a forum for strong peer-student-faculty interactions, and redressal mechanisms to deal with problems raised by students. The College Union includes women representatives as elected members.

The Women Cell of NSS College, Ottapalam, with its five members, has been working in this college with genuine concern for students and teachers. The cell organizes programme like legal awareness, women's health seminar, and programmes for mental, emotional well-being of women and for women empowerment.

The ideas of inclusion, empowerment and safety drills for girl students are integrated into the mainstream curricular activities. Through seminars, workshops, and community engagement activities the campus society keeps alive the concerns of gender equity in the forefront.

The NSS units of the college comprises of students who are conscientious members of civic and campus society. They undertake various activities which serve to sensitize the students on the need to follow inclusionary practices with regard to minority subjects like women, disabled, economically backward classes and castes.

As a part of Back to Nature Back to Agriculture' NSS volunteers organized selling of cloth bags (made by volunteers) and vegetable seeds. NSS volunteers distributed tablets for the prevention of filariasis in Ottapalam Municipality in association with Lakkidi Health Centre: NSS Unit of the institution organized a

seminar on Anti-Corruption in which Deputy Supdt. of Vigilance and Anti-Corruption delivered a talk on Prevention of Corruption in the society.

### **Environmental Sensitization**

The institution has various clubs like Bhoomithrasena, Red Ribbon Club, and Nature Club to name a few who organize various activities like camps and seminars to sensitize the students on issues of environment and sustainable development.

Department of Zoology conducts an All Kerala Intercollegiate Quiz competition on environment for Mannam Memorial Ever rolling Trophy.

The Nature Club of the college actively involves in various activities to make student community environmentally aware. The club organized a seminar on Wild Life Conservation and Energy Conservation. An Energy Conservation Rally was conducted in Ottapalam Town on National Energy Conservation Day. The clear and green environs of the college provide an impetus to the love for nature amongst students and faculty

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

Advanced learners are identified through classroom interaction and tests. Through continuous observations and evaluations such students are moulded to meet the demands of the course. Their needs are catered to by the faculty of their parent department by giving them advanced mentoring.

The college is a part of the WWS programme initiated by the Kerala Government. Screening tests are conducted by the coordinator of this programme who is ably supported by the mentor faculties. The cream of the student population are identified and given opportunities to grow in an advanced academic environment mentored by both internal faculty and external sources like visiting a higher institution of learning like the IITs.

Walk With a Scholar (WWS) scheme proposes to arrange specialized mentoring programs for students in Under Graduate Programs in Arts, Science and

Commerce and to provide guidance and orientation to prepare themselves for employment or select areas for higher study. The mentoring scheme is to identify the opportunities available for the scholars, the areas suitable for them, the manner in which the scholar should proceed before them and evolve ways by which they can be acquired. It will be open for 30 students of the first year of the Under Graduate Programme of Study in a college. The selected students continue in the Programme for the entire 3 year duration of their Under Graduate Course.

The Career Guidance and Counselling Cell of the college create job fairs for outgoing students at the UG and the PG level. The market is tapped for understanding the employment opportunities available and the students are given in-house training in group discussions and presentations prior to the visit.

Additional Skill Acquisition Programme is a part of the State Skill Development Programme, a joint venture of Department of Higher Education, General Education, Labour and Local Self Government, to increase the skilled manpower in the state. In our college, ASAP first batch started from 2014-15 year. The selection criteria was done by taking into consideration the social and economic background of the first year UG students. The students those who need a job after UG was given preference to the ASAP selection. Our first batch consists of 21 students from various degree courses. Next batch of 26 students started on 2015-16 year. Now the Third batch with 31 students (2016-17) is going on very well.

Peer teaching initiatives at the UG and the PG level facilitates the process of learning in a more informal atmosphere. The younger students look up to these peer teachers as role models and wish to emulate them. This is conducive to easier transfer of knowledge from advanced to average learners. This learner-initiated to learner-centric programme has increased the performance of both classes of learners substantially.

*2.2.6 How does the institute collect, analyze and use the data and information on the academic performance of the students at risk of drop out?*

N.S.S College, Ottapalam is committed to diversity and inclusive education for all. It has a well calibrated mechanism for monitoring and providing support to students in need. The faculty is well aware of the numerous challenges that higher education poses to learners especially to those from lesser privileged backgrounds.

The tutorial hours provide a platform for students to share their academic, personal, and financial difficulties to their tutor. Confidences thus shared are respected and solutions generated whenever possible. The Orientation programme at the beginning of the academic session gives valuable information of the various scholarships by government and other interest groups which can be availed by the students from economically weaker families. Students are encouraged to come forward with learning and physical disabilities, if any, and are comforted with the knowledge of preference given to them during examination. Scribes are provided for them to overcome any disadvantage.

Remedial teaching provides an extra impetus to slow learners. The SSP programme of the Government of Kerala is set in place to provide additional support to ease the strain felt by such learners. They are given additional coaching beyond the regular class hours to bring them at par with the rest of the learner community. Peer groups are also sensitized to cater to the needs of the differently abled.

The institution provides all support to married and pregnant students to continue their education. The potential mothers among our girl students are given a leave of absence on maternity grounds and are permitted to continue in the semester programme and complete their education.

The attendance committee of the college has established a regular system for monitoring the attendance of students. Any shortage of attendance or continued absence are noted and investigated to find the root cause. Parents/guardians are intimated and asked to visit the college with their wards for a discussion with the faculty of the parent department and the Principal of the institution. The discussion mostly leads to positive results.

### **2.3 Teaching – Learning Process**

#### *2.3.1 How does the college plan and organize the teaching, learning and evaluation schedule?*

The college calendar provides details of the teaching faculty of the various departments. They are ably supported by the non-teaching staff of the college in all academic and administrative endeavours. The planning for the teaching-learning in the odd semester are done during the month of May and for the even semester during the month of November.

Departments prepare the workload of individual teachers and the department as a whole. After the new batch of 1<sup>st</sup> semester students are admitted, recruitment of teachers as guest faculty are undertaken to ensure the smooth conduct of academic sessions.

The timetable committee sets the time table for every teaching period comprising of both lecture classes and practicals for the entire college and each department gets its working roster.

The academic calendar charts out the schedule of internal exams to be conducted by the institution and also gives the schedule of semester exams of the university. The internal marks are to be uploaded at the university site after the publication of the same.

Each department prepares an academic calendar to map the progress of students showing the dates of submission of assignments, seminar presentations, and tutorial meetings. PTS meetings are called after the internal examinations to discuss the performance of their wards with their parents. This also creates a platform for the students, teachers, and parents to interact with each other to the mutual benefit of all. Any suggestions or complaints either by parents or students are recorded in the minutes and action/solution found wherever necessary. Study tours are organized by the departments and the students are required to submit their project work within the scheduled time.

Remedial and peer teaching achieves its objectives through meticulous discussions of pre-prepared modules.

The department meetings are conducted on a regular basis to review the pedagogical work done and to plan future course of action. Internal evaluation system follows the guidelines set by the university which integrates marks for attendance, assignment, seminar, and test papers.

The attendance committee of the college has an organized system of recording students' attendance every hour. Teachers take the attendance of the class allotted to them. It is then collected by the college office and consolidated every month. This in turn is displayed on the notice board and grievances, if any, are immediately addressed. Again, at the end of the semester consolidated attendance of the whole semester is published. Students are made aware of the fact that the 25% of their internal marks are based on attendance. In the early tutorial sessions, the tutors explain the nature of calculating attendance to their class. If the student is absent for any one hour of the morning or afternoon session they lose half a days' attendance. Continuous absence is noted and reasons for the same are recorded. Parents are informed of the gravity of how their ward's absence may affect his/her academic output. Students who have a minimum of 75% are permitted to appear for the university examinations at the end of the semester. The college forwards the annual progress certificate of students at the end of semester.

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

The institution has always adhered to the policies adopted by higher education authorities for achievement of targets. Discussions on quality assurance at the higher echelons have led to the formation of an internal evaluative and self-assessment body at the college level itself. Following this IQAC has been established at the college for adopting the precepts recommended by the UGC-NAAC. IQAC works towards creating synergy between all the stakeholders. These have been instrumental in upholding exemplary values cherished by the institution.

**Table 2.6**  
**Interventions of IQAC**

Quality	IQAC
Inclusiveness	<ul style="list-style-type: none"> <li>• Equal opportunities for all</li> <li>• Inclusive and equitable distribution of benefits catering to diversity</li> </ul>
Delivery and promotion of curriculum content	<ul style="list-style-type: none"> <li>• Planning and execution of timetable and schedule of evaluation process.</li> <li>• Adhering to class and tutorial schedules</li> </ul>
Enhancing the teaching – learning process	<ul style="list-style-type: none"> <li>• Encouraging interactive strategies for classroom learning.</li> <li>• Promoting interdepartmental activities</li> <li>• Promoting student projects, extension activities, academic presentations</li> </ul>
Catering to advanced learners	<ul style="list-style-type: none"> <li>• Providing special opportunities with linkages formed with the help of mentors</li> <li>• Motivating them to research</li> <li>• WWS programme</li> </ul>
Supporting students at risk	<ul style="list-style-type: none"> <li>• Offering them financial assistance</li> <li>• Catering teaching methods to suit their needs</li> <li>• Remedial classes and Bridge/Orientation courses</li> <li>• SSP programme</li> </ul>
Enriching academic atmosphere	<ul style="list-style-type: none"> <li>• Organizing national/regional seminars, Workshops, lectures</li> <li>• Ensures timely academic and personal counselling for students</li> </ul>

2.3.3. *How is learning made student centric? Give details of the support structures and systems available for teachers to develop skills like interactive learning, collaborative learning and independent learning?*

NSS College, Ottapalam has always had the objective of providing an enriching learning atmosphere for its students. Increasingly, the college from the past decade or so has also attempted to train its students to be independent thinkers by taking charge of their own learning process. Nowadays, it is not enough to be good at pedagogical learning but it is also vital to know and understand how to learn. Students here are ‘learning to learn’.

Classrooms at NSS are vibrant spaces for discussions, discourses and dialogues. Classes which are ICT enabled compliment the objective of fulfilling a student-centered atmosphere. A computer lab with internet facilities is available for the students.

Debates on current affairs amongst student communities are actively encouraged to hone the analytical ability of the speakers and also to raise awareness among the listening audience. The open floor allows the audience consisting of both students and teachers to have their say and thresh out various ideological issues.

Active learning is promoted by group works and projects. Several faculty members blend power point presentations regularly in theory classes. Experiential learning enables students to gain knowledge that will help them solve real world problems. Field trips, excursions, visits to other organizations are encouraged. The Library provides open access to all students where internet facility is available for independent learning. UGC INFLIBNET is made available for students to enhance their knowledge.

The Research Cell of the college has organized several talks for faculty members and PG students alike. Under the impetus provided by the cell, the faculty are encouraged towards research oriented activities. A large number are currently doing MRPs in their respective disciplines. Many are actively engaged in research. A few have completed and been awarded Ph.D. Student-driven department extension projects are promoted which takes the students out into the society to understand various issues concerning social welfare as a part of consciousness rising. Thus, the classroom, research, and community centric programmes have been integrated into a vibrant learning grid.

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

The college provides a liberal space for students to enable them to think critically, reflect on decisions and policies arrived at in social, economic, and political matters and teach them to engage with communities positively.

National and State level seminars are organized by departments which further the creative-critical thinking of students.

The students of the college are provided a platform to develop and exhibit their talents in Arts/culture through activities organized by the student's union.



The College magazine which is published annually presents a wide range of viewpoints on various issues. Creative writing amongst students and teachers alike are encouraged. The intention is to promote creative writing as well as to encourage liberal thinking.

Every year the college union organizes a film festival where Indian as well as foreign films, both commercial and art movies, become part of the panorama. Films which have been screened in the IFFK or have entered Oscar are regularly shown.

NSS as well as other clubs like Book Club, Nature club, Road Safety club, and ED club organizes activities to boost their self-esteem and individuality.

Departments organize science exhibitions, poster presentations, and essay competitions for the students to develop scientific temper.

*2.3.5 What are the technologies and facilities available and used by faculty for teaching?*

The college has developed a strong digital backbone. The central library, computer lab and the common computer lab are Wi-Fi enabled.

All departments are provided with smart classrooms and audio visual aids, other multimedia resources, and LCD projectors and computers for enriching the pedagogical process. Language departments are provided with language lab.

The college broadband has provided internet connectivity to all departments. The faculty are benefited by this for their daily work linking the college to the parent university and to the teaching community at large. This is a huge step for the future learning methodology is dependent on student's and teacher's competency in newer technology.

The library is well stocked and provides internet facility with access to N-list and INFLIBNET.

*2.3.6 How are the students and faculty exposed to advanced level of knowledge and skills?*

The institution is working with joy and passion on transforming its teaching-learning spaces, both physically and metaphorically.

Seminars/Conferences/ Workshops are organized by various departments to provide opportunities for their respective students to advanced level of learning.

**Table.2.7**  
**SEMINARS, WORKSHOPS AND EXIHIBITIONS ORGANIZED**  
**BY THE COLLEGE**

Year	Departments	Seminars			Workshop/ Training			Exhibition	Quiz
		National	State	Regional	National	State	Regional	Regional	State
2011-12	College						1		
	English	1							
	Hindi			3					
	Zoology	1							1
	Commerce			1					
2012-13	Hindi			2					
	Botany			1					
	Computer Science			1					
	Zoology								1
	Commerce		1	1					
2013-14	Hindi			2					
	Malayalam	1							
	Computer Science			1				1	
	Zoology								1
	Commerce		1	1					
2014-15	English			2					
	Hindi	1		2					
	Physics							1	
	Chemistry			1					
	Botany							1	
	Zoology			1					1
	Maths			1					
	Commerce	1		2					
2015-16	English	1							
	Hindi			3				1	
	Malayalam	1						1	
	Physics	1	1					1	
	Chemistry			2					
	Zoology	1							1
	History	1							
	Commerce	1	3	2		1			
2016-17	Hindi		1	2				1	
	Malayalam	1	1						
	Physics				1				
	Computer Science		1						
	Zoology		1						1
	Maths			1					
	Commerce	2		4				1	

The faculty members participate in Orientation/ Refresher course conducted by ASC of universities on a timely basis. This enhances their knowledge base and hones their teaching aptitude. The faculty regularly attend state/ national/ international seminars organized by various institutions/ universities.

ASAP, an initiative of the Government of Kerala enables students to acquire various skills. It is an innovative program where peers become trainers and mentors of younger children.

The institution has thus focused on developing strong collaborative student-faculty, faculty-faculty, and student- student groups to hence all around development.

*2.3.7 Detail (process and benefit of student benefited on the academic, personal and psycho-social support and guidance service.*

Students at N.S.S College are at the outset given orientation programmes to help clarify any doubts or queries regarding their choice of discipline and future prospects to facilities available to them at the institution. Students at N.S.S are supported by various systems set in place for their benefit.

**Table 2.8**

**Details of Orientation Programme to students**

Programme	No. of students benefited		
	2014-15	2015-16	2016-17
WWS	30	60	90
ASAP	21	26	31
SSP	50	100	150

The college offers its students guidance, counselling, and support through its various formal and non-formal processes and structures. Counselling is given a top priority for students to reach their highest potential necessary for their

academic achievement as well as to become well-adjusted members of society. Personalized counselling is provided to students to combat anxiety, peer pressure, fear and to build confidence and self-esteem. Career Guidance and Counselling Cell of the college incessantly works towards this goal. Remedial coaching is given to those who need help to overcome any learning difficulties beyond the regular class hours. Scholarships and endowments help students who are in financial straits to complete their studies.

*2.3.8 Provide details of innovative teaching approaches/ methods adopted by the faculty during the last four years.*

The college has always been willing to provide academic flexibility and encourage the faculty to adapt innovative teaching methods. They are intended to enrich the classroom- conventional teaching of basic science and liberal arts. Smart classrooms with LCD projectors for audio visual learning and power point presentations are available.

Integrating lectures with field trips, tutorials, laboratory experiments, and introducing students to innovative approaches like databases and quiz programs are some of the diverse tools used for enhancing teaching methods. Quiz and debates develop their self-esteem.

Faculty members attend seminars/ workshops/ conferences, summer schools, orientation and refresher courses which enrich their knowledge and experience which is reflected in their teaching methodology.

Performance based teaching of plays and role playing in literature and language classes hone their critical and performance ability.

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

The central library is equipped with a very large collection of text books, reference books, critical editions, journals, and magazines. There is also a large collection of books for various competitive exams.

At the beginning of every academic year the students are informed about the primary and secondary sources and the need to develop independent reading habit.

The college library is completely digitalized and automated from 2013 onwards with MLA fund of the constituency. The library provides free access to students from 8.30 AM to 4.30 PM. N-List and INFLIBNET can be accessed for reference work.

Besides the central library all PG departments have a departmental library where students and faculty can do reference. All UG departments keep a book bank where text books are made available for students when needed. New books are added to the collection every year.

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

The faculty considers the completion of the prescribed curriculum as its highest priority. The changes in curriculum with the introduction of CCSS (Choice Based Credit and Semester System) have been smoothly incorporated through meticulous planning and execution of academic calendar. The members of the faculty have undergone training sessions at university to facilitate the transition and for updating their knowledge base on the courses or papers newly introduced.

The major challenges faced by the institution are semester lags when university delays conducting the end semester exams, valuation camps, student strikes, nationwide hartal/bandhs, and transport strikes. These factors are unfortunately beyond the purview of the institution.

But the faculty completes the curriculum and conducts internal examinations as per university regulations within the stipulated time by taking additional classes and organizing extra hours during Saturdays and during vacations.

Faculty who apply for short or long term of absence are required to get prior sanction from the concerned authorities well in advance so that alternate arrangements can be made to prevent difficulties to students. These steps ensure that the course is completed on time and there is minimal disruption of classes.

*2.3.11 How does the institution monitor and evaluate the quality of teaching-learning?*

There are different levels at which teaching-learning is monitored and evaluated at the institution.

The performance of students is observed and scrutinized by regular internal examinations and university examinations. The results are an obvious indicator of their accomplishments.

Individual faculty members gauge the efficacy of their teaching methods through oral tests and interaction with students in a non-formal way. Students' feedback on teachers and the department are collected and evaluated by IQAC.

Feedback is collected from parents during PTS meetings where discussions are initiated on any problems or challenges faced by their wards. Remedial measures are taken immediately and the principal is intimated of the same. All these steps strengthen the teaching-learning process.

## **2.4 Teacher Quality**

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

The college understands that the single most important factor to qualitative pedagogy is the scholastic ability and the teaching competency of the faculty. Faculty recruitment is done as per UGC norms through newspaper notifications. Meritorious candidates are interviewed and appointments given after the authorities are completely satisfied.

**Table 2.9**

**Details of faculty on the basis of qualification**

Highest Qualification	Professor		Associate Professor		Assistant professor		Total
	Male	Female	Male	Female	Male	Female	
<b>Permanent Teachers</b>							
PDF			1	1			2
Ph.D.			3	6	3	11	23
M.Phil.			1	2	2	5	10
PG			4	2	7	20	33
<b>Temporary Teachers</b>							
Ph.D.						1	1
M.Phil.						2	2
PG					4	15	19

The teachers are encouraged to complete the Orientation and Refresher Course as per the UGC regulation. The teachers are stimulated to attend seminars /workshops to update their knowledge in tune with the requirements of the curriculum. Teachers participate in curriculum revision workshops whenever a new curriculum is introduced. In the best interests of the students, the college ensures that many guest faculty are recruited in a timely manner in accordance with approved workload following due process.

*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*

Faculty members dealing with emerging areas of study are handling the teaching-learning process efficiently. Teachers undergo training programmes in their respective disciplines to keep abreast of the changing knowledge systems. A completely digitalized library provides access to emerging thoughts in all

disciplines. All the faculty members are more fluent with ICT tools and are hence more equipped to meet the demands of the times.

The younger faculty are nurtured and groomed to the college environment and encouraged to take initiatives in resource building. Activities are planned by various committees where the senior faculty without infringing on their autonomy or stifling their freshness of thought help and support the younger members.

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

**Table 2.10**

**Nomination of faculty in the Staff Development Programmes**

Academic Staff development programmes		No. of faculty participated				
		2011-12	2012-13	2013-14	2014-15	2015-16
1	Orientation programme	1		2	7	5
2	Refresher course	1	4	4	2	2
3	HRD programme					
4	Staff training programme by university	3	3	2	2	
5	Staff training programme by other institutions			4		
6	Summer/Winter schools		2	3		3



**Table 2.11**  
**List of faculty who have undergone faculty**  
**development programme**

Sl. No	Name of Teacher	Type of course	Period	Organizer
<b>ENGLISH</b>				
1	Dr. Sangeetha Varma	Refresher course	19.11.13 to 09.12.13	Bharathiyar University
2	Smt. Aparna.B	Orientation course	04.09.15 to 01.10.15	University of Calicut
<b>HINDI</b>				
3	Dr. Sreelatha .T.R	Short term course for Professional development	18.8.2014 to 23.8.2014	University of Calicut sponsored by UGC
		General Informatics	17.8.2011 to 19.8.2011	NSS College sponsored By KSHEC
		ICT for Teaching and Learning Hindi Language and Literature	19.6.2014 to 20.6.2014	M.E.S.College. Kodungallur Sponsored by UGC
		ICT for Teaching and Learning Hindi Language and Literature	4.11 2014	NSS College Sponsored by UGC
4	Dr. E. Premakumari	General Informatics	17.8.2011 to 19.8.2011	NSS College sponsored By KSHEC
5	Dr. Sreedevi. G	Short term course for Professional development	18.8.2014 to 23.8.2014	University of Calicut sponsored by UGC
		General Informatics	17.8.2011 to 19.8.2011	NSS College sponsored By KSHEC
		ICT for Teaching and Learning Hindi Language and Literature	19.6.2014 to 20.6.2014	M.E.S.College. Kodungallur Sponsored by UGC

		ICT for Teaching and Learning Hindi Language and Literature	4.11 2014	NSS College Sponsored by UGC
6	Dr. Sajeev. K	Refresher course	22.12.2012 to 13.1.2013	ASC, University of Calicut
		ICT for Teaching and Learning Hindi Language and Literature	19.6.2014 to 20.6.2014	M.E.S.College. Kodungallur Sponsored by UGC
		ICT for Teaching and Learning Hindi Language and Literature	4.11.2014	NSS College Sponsored by UGC
		ICT for Teaching and Learning Hindi Language and Literature	4.9.2015	P.R N.S.S. College, Mattanur
7	Dr. T. R. Jayasree	ICT for Teaching and Learning Hindi Language and Literature	4.11.2014	NSS College Sponsored by UGC
8	Smt. Manjula. P.S	ICT for Teaching and Learning Hindi Language and Literature	4.11.2014	NSS College Sponsored by UGC
<b>MALAYALAM</b>				
9	Dr. K.B. Sumitha	Orientation course	5.1.2011 to 1.2.2011	ASC ,University of Kerala
		Refresher course	3.11.2011 to 23.11.11	ASC ,University of Kerala
10	Dr. E.M. Suraja	Orientation course	17.9.2014 to 16.10.14	ASC, University of Calicut
		Refresher course	2.12.2016 to 22.12.16	ASC, University of Kerala
<b>PHYSICS</b>				
11	Smt.Nayana. K	Orientation course	5.6.2014 to 2.7.2014	ASC, University of Calicut
		Orientation for NSS programme officers	3.9.2015 to 9.9.2015	Rajagiri College of Arts & Science, Ernakulam

<b>CHEMISTRY</b>				
12	Dr. Dhanya. T.P	Orientation course	12.11.15 to 09.12.15	University of Calicut HRDC, University of Calicut
13	Dr. P.S.Hema	Orientation course	02.1.14 to 28.01.14	University of Kerala
14	Dr. M.Mohana krishnan	Refresher course	17.9.14 to .9.10.14	University of Calicut
<b>BOTANY</b>				
15	Dr. Seema Devi. R	Refresher course	1.1.2012 to 21.1.2012	JNU. New Delhi
16	Dr. Ranjusha. A.P	FLAIR Induction Training	06.10.16 to 08.10.16	KSHEC
		FLAIR Orientation Programme Workshop on Western Ghats Biogeography: Challenges in Conservation	05.09.16  3.12.2015 to 5.12.2015	KSHEC  Govt. Victoria College, Palakkad
<b>ZOOLOGY</b>				
17 18 19	Dr.K.K.Hemalatha Dr,Sushama.S Dr.M.Balakrishnan	General Informatics	17.8.2011 to 19.8.2011	NSS College sponsored By KSHEC
20	Dr.Gayathri Elayidam	Orientation course	11.10.2011 to 7.11.2011	ASC, University of Kerala
		Refresher course	1.10.2012 to 22.10.12	ASC, University of Kerala
21	Dr. Sreedevi .N .Kutty	FLAIR		KSHEC
22	Smt.Preethi.N	Workshop on Bioinformatics	29.11.2016 to 30.11.16	SNGS College , Pattambi Sponsored by UGC
<b>MATHEMATICS</b>				
23	Smt.Sunitha K.G	Orientation course	2.6.2014 to 30.6.2014	ASC, University of Calicut
24	Smt.Sunitha.P	Refresher course	10.8.2016 to 30.8.2016	ASC, University of Calicut

25	Sri.Saravanan	Orientation course	15.7.2016 to 11.8.2016	ASC, University of Mysore
<b>ECONOMICS</b>				
26	Dr. Maya.C.Pillai	Refresher Course	5.6.2013 to 25.6.2013	ASC, University of Calicut
		Workshop on SPSS	28.10.2013 -29.10 .2013	Govt .Victoria College,Palakkad
		Workshop on Applied Time Series Econometrics	24.2.2014 to 1.3.2014	Dr.John Mathai Centre,Thrissur
		Refresher Course	5.6.2015 to 25.8.2015	ASC, University of Calicut
		Short term course in Teaching Learning techniques in Higher Education	29.8.2016 to 3.9.2016	Bharathiar University
27	Smt. Radhika Krishnan	Orientation course		ASC, University of Kerala
		Workshop on Research methodology		IUCDS MG University
28	Sri. Vishnu.P.S	Orientation course		ASC, University of Kerala
		Social Research Methods		Loyola College Thiruvananthapur am sponsored by ICSSR
		Faculty Training Programme		Regional telecom Training centre Thiruvananthapur am Sponsored by KSHEC
<b>COMMERCE</b>				
29	Smt.Geetha.K	Orientation course	30.7.2014 to 27.8.2014	ASC, University of Calicut
		Refresher course	20.5.2016 to 9.6.2016	ASC, University of Calicut
		Workshop on SPSS		KG College, Kottayam

30	Smt.Prabha. P	Orientation course	16.9.2014 to 17.10.2014	ASC, University of Calicut
		Workshop on SPSS		KG College, Kottayam
31	Smt.Prameela.P	Orientation course	6.5.2015 to 2.6.2015	Bharathiyar University
32	Smt.SuniDevi.V.T	Workshop on SPSS		KG College, Kottayam
		Orientation course	10.8.2016 to 6.9.2016	ASC,University of Kerala
<b>PHYSICAL EDUCATION</b>				
33	Smt.Indu.P.	Orientation Course	30.01.14 to 26.02.14	University of Kerala

b) Faculty Training programmes organized by the institution to empower and enable the use of various tools and technology for improved teaching- learning  
Three-day workshop on “General Informatics” was conducted from 17<sup>th</sup> August 2011 to 19<sup>th</sup> August 2011 for the faculty with the aid of Kerala State Higher Education Council. A seminar on “Bio-Informatics” conducted for Biology Teachers.

**c) Percentage of faculty**

- i. Invited as resource persons in Workshops/Seminars/Conferences organized by external professional agencies-20-25%
- ii. Participate in external Workshops/Seminars/Conferences recognized by national /international professional bodies-100%
- iii. Presented papers in Workshops/Seminars/Conferences conducted or recognized by professional agencies-20%.

Details of seminar/workshops/conferences attended by faculty members are given in Annexure – 1.

**Table 2.12**  
**Number of seminar/workshops/conferences attended by faculty members**

Year	International			National			Regional		
	Participated	Presented	Resource person	Participated	Presented	Resource person	Participated	Presented	Resource person
2011-12	1	7	1	14	17	4	1	1	1
2012-13	2	5	1	6	9	1	-	-	-
2013-14	-	6	-	7	18	6	-	-	1
2014-15	2	5	1	38	23	9	-	-	-
2015-16	6	8	1	38	24	2	-	-	1
2016-17	2	10	-	20	21	1	-	-	-

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

Young and energetic faculty at N.S.S understands the need for continuing education for professional development. The college has a vibrant research culture. Under the guidance of the IQAC and the college Research cell, various departments organize seminars on Research Methodologies.

Faculty members are encouraged to present papers in National/International seminars. They publish research articles in various peer reviewed print and online open access journals.

Details are given in Section 3.4.3

Faculty members are encouraged to apply for grants from UGC, CSIR or other organizations/bodies for financial support in aiding research. Details are given in Criterion 3.1.5

There are 33 major/minor research projects granted by UGC. Many members among the faculty are pursuing doctoral/post-doctoral degrees. Some have already been awarded.

*2.4.5 Give the number of faculty who received award/ recognition at the state, national, and international level for excellence in teaching.*

Though no awards have been received for excellence in teaching to the faculty members. The following faculty members have received for awarded the excellence in research work and literary contributions.

- Dr. Vasnatha kumari PG Department of Commerce
- Dr.Sreedevi.G. Department of Hindi
- Dr. Mohanakrishnan.M of Department of Chemistry

*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 teaching and learning process?*

Individual departments and faculty have undertaken exercises in student feedback. The institution has a formal process of collecting feedback from students through a specially designed questionnaire and the data thus collected is analyzed by the IQAC. Online teacher evaluation has been introduced this year Feedback from parents is collected during PTS meetings and their valuable suggestions are incorporated into the pedagogical process.

## **2.5 Evaluation Process and Reforms**

*2.5.1 How does the institution ensure that the stakeholders of institution are aware of the evaluation process?*

The college follows the rubrics of evaluation prescribed by Calicut University. The framework of UG/PG programmes, evaluation through internal assessment, and end-semester university examinations are followed by the college.

The faculty members are given orientation in evaluation procedures whenever the university introduces a new curriculum. New recruits as well as ad hoc employees are given sufficient grounding in the system.

The college prospectus includes essential details of the teaching-learning and evaluation methods and the prospective are thus made aware of the requirements of the course to which they are seeking admission. Parents are informed of the nature of curriculum and evaluation process during PTS meetings which is held every semester.

Students are given information about curriculum, scheme of evaluation, question paper model and about writing examination within stipulated time. The college reiterated this information during Bridge course at the beginning of the academic session and also during tutorial meetings. Question bank is provided to students at their respective departments.

The faculty of each department provides adequate time for students to submit their assignments and prepare for test papers. Monthly attendance is consolidated and published.

The college office informs the students of the schedule of examinations, payment of fees, and collection of hall tickets.

*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?*

Calicut University has adopted various reforms in UG/PG programmes in the last few years. It has moved from annual to semester scheme from 2001 for PG and 2009 for UG programmes. The Choice Bases Credit and Semester System became operative from 2009 admission onwards. Marks have been replaced by a five-point grading system. The semester results are declared as SGPA or Semester Grade Point Average and the students are awarded CGPA or Cumulative Grade Point Average at the end of the programme.

The University has recently changed from this direct grading to indirect grading system from 2014 onwards. After internal assessment marks are uploaded to the



university site and the university answer scripts have been evaluated at valuation camps, calculation is done at the university with the help of a software designed especially for this and each student is awarded marks and an equivalent grade which may range from A+, A, B, C, D, E, or F.

In each semester, internal assessments are conducted by parent departments and students are evaluated on their overall performance at the college.

In accordance with university regulations the institute conducts regular internal evaluation and marks are uploaded to the university

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

As the college is affiliated to the University of Calicut it strictly adheres to the norms set by the parent university for fair and transparent evaluation. For effective implementation of evaluation process the college has set in various checks and balances. Right at the beginning of the academic session the academic calendar prepared by the faculty are set in motion. The students are given dates of submission of their assignments/projects, dates of their internal examination, and presentation of seminars beforehand. Academic and co-curricular activities are promoted. The students are made aware of evaluation process during bridge course and through tutorial programmes. Parents are informed of the progress of their wards through regular PTS meetings.

*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.*

N.S.S College has replicated the methods established by the University of Calicut for its formative and summative assessment of student performance.

Formative assessment rests on a system of centralized evaluation conducted as part of internal assessment. Calicut University norms dictate 20% marks for internal assessment in each paper. Out of this 10% weightage is for class tests,

for regularity in attendance in lecture classes, and 5% for written assignments / seminars.

Summative assessment is the end semester examination centrally administered by the university. This carries a weightage of 80% marks. There is a viva voce for final year UG students for which external evaluators are appointed by the university.

The college allows its faculty autonomy to utilize a wide range of formative assessment tools like quizzes, power point presentation, seminars and exhibitions to arrive at formative assessment.

The formative and summative evaluation processes together injects greater seriousness and contributes to the academic excellence of students.

*2.5.5 Detail on the significant improvements made in ensuring rigor and transparency in the internal assessment during last four years and weightages assigned for overall development of students*

The college has initiated checks and balances for ensuring fair and transparent evaluation. Students can approach the concerned faculty, their tutor, or the head of their departments to voice any perceived grievance for which solution is found immediately.

Internal assessment is highly transparent and is based on test papers, assignments, seminars, and attendance. Test papers are conducted as per schedule given in academic calendar. The monthly attendance statement is prepared at the office and displayed at the notice boards. Internal assessment marks are publicly displayed and individual students are expected to sign for validation.

The internal marks are uploaded to the university after incorporating necessary changes if any.

At N.S.S. College there is a variety of formats for enriching their learning experience. Additional weightage is given to co-curricular activities like NSS,

sports, and cultural activities. Students participate in various club activities too. These engagements help in the overall development of students.

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

The college is guided by the national goals of promoting responsible citizenship. Such citizens can inculcate the spirit of democracy, tolerance, and leadership. It is expected that the students would develop critical thinking, moral values, life skills, and evolve scientific temper with liberal arts. The institution aspires that its students would evolve as individuals who would grow with empathy towards fellow human beings.

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

There is an effective three-pronged mechanism for academic grievance redressal at the college. Students can approach the tutors, or the HODs, or finally the Principal. A grievance redressal committee comprising of two faculty members together with the HOD functions at the departmental level. Any student can freely approach the committee for clarification of marks received or any other perceived wrongs.

There is a Grievance Redressal Cell operating at the college level for matters concerning academics to discipline. Students may come with grievances of 'out of course' questions at the end semester examination or errors in questions or lack of sufficient days in semester, which are taken up at the university level. Calicut university looks into such issues and if found to be valid addresses these grievances immediately.

Valuation of answer scripts take place in a time bound manner at centralized valuation camps. There is a double valuation step in place at the camp. The Additional examiner values the answer script which is revalued by the Chief examiner. There are further opportunities for the students to recheck or revalue their answer scripts on the payment of fees to the university.

## **2.6. Student Performance and Learning Outcomes**

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

The college is dedicated to a set of learning outcomes which is aligned to its legacy, mission, and vision. Empowerment through education is its stated objective. It also aims at enriching all aspects of student life. It seeks perfection through perseverance to make students socially responsible, educationally enlightened, and promotes physical well-being with mental peace and happiness. Some of the outcomes envisaged by the college are:

- In depth knowledge of the subject in the student
- Chance of interdisciplinary studies with open / elective courses offered by each department which students can study according to their aptitude.
- Motivation for higher studies.
- Career guidance and counselling cell.
- Additional Skill enhancement
- Development of scientific temper
- Unbiased and critical reasoning ability, environmental awareness, social responsibility

### **Character formation**

The student communities are made aware of such learning outcomes through college calendar, orientation programmes and through tutorial classes.

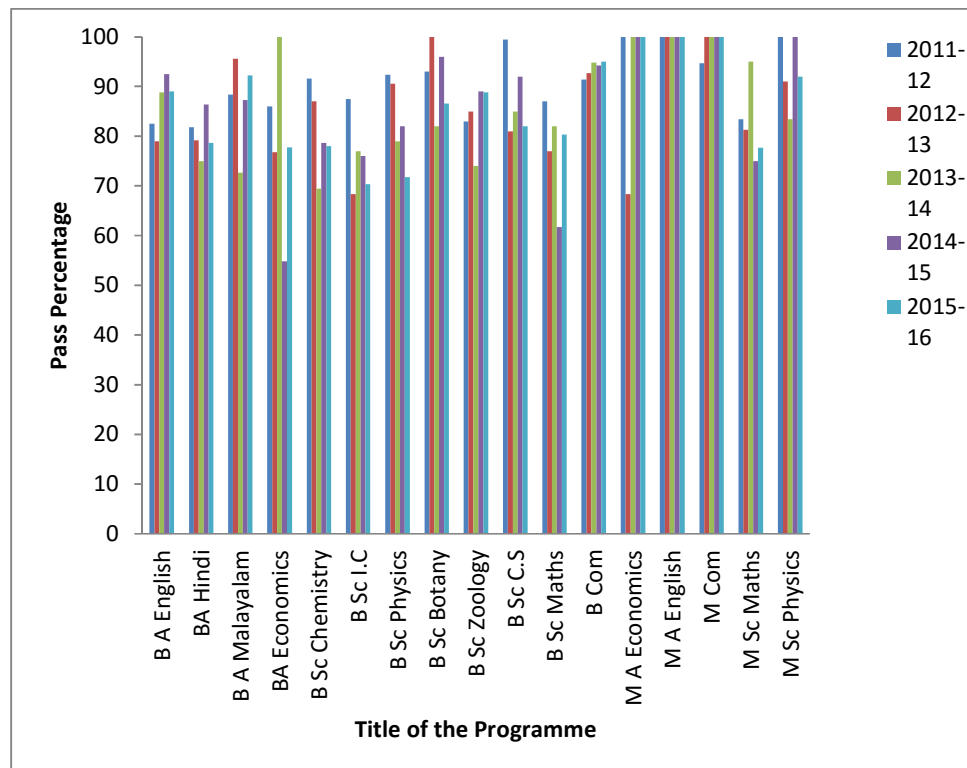
The learning outcomes are evident in the form of results achieved by the N.S.S students. Remedial classes also help students overcome their difficulties. Feedback of students is proof enough of the outcomes generated by the faculty and college.

*2.6.2 Enumerate on how the institution monitors and communicate the progress and performance of the students through the duration of course/programme. Provide an analysis of student's results (Programme/course wise for the last*

*four years)and explain the difference if any and patterns of achievement across the programmes/courses offered*

The touchstone of teaching-learning process at the college is the commitment of the faculty towards their students. A variety of tools are employed by the teachers to understand and overcome learning disabilities. The progress and performance of students are regularly and continuously monitored through seminars, assignments, and tests at the college level, and end-semester examinations are conducted by the university. The internal marks comprising of 20% of the paper are first publicly displayed for the students and then uploaded to the university site. Slow learners are supported by remedial, peer, and SSP teaching programmes. Parents/guardians are constantly kept in touch of their wards’ progress.

**Graph showing Pass percentage for past five years**



**Table 2.13**

**Course/Programme wise distribution of pass percentage:2011-12**

Title of the Programme	Total no. of students appeared	Division				
		Distinction %	I %	II %	III %	Pass %
B A English	40	20	35	27.54		82.5
BA Hindi	22	50	27.3	4.54		81.8
B A Malayalam	26		80.77	7.69		88.46
BA Economics	50		20	38	28	86
B. Sc. Maths	42	44.2	42.8			87
B. Sc. Physics	27	48	44.4			92.4
B. Sc..Chemistry	24	70.8	20.8			91.6
B. Sc. I.C	24	70.8	16.6			87.5
B. Sc. C.S	29	41.4	58.3			99.4
B. Sc. Botany	29	27.58	65.51			93
B. Sc. Zoology	24	58	25			83
B. Com.	58	60.34	31.03			91.37
M A English	19	21	42	37		100
M A Economics	18		72.22	27.7		100
M Com	19	31.57	63.13			94.7
M. Sc. Maths	18	16.7	55.6	11.1		83.4
M. Sc. Physics	10	40	40	20		100

**Table 2.14**

**Course/Programme wise distribution of pass percentage:2012-13**

Title of the Programme	Total no. of students appeared	Division				
		Distinction %	I %	II %	III %	Pass %
B. A. English	38	39	16	24		79
B. A. Hindi	24	37.5	33.33	8.33		79.2
B.A. Malayalam	23		73.91	21.74		95.65
B. A .Economics	56	17.86	33.93	25		76.79
B.Sc. Maths	39	30.77	15.38	25.64	5.13	77
B. Sc. Physics	32	41	22	28		90.6
B.Sc. Chemistry	23	65	22			87
B.Sc. I.C	19	31.5	36.8			68.3
B.Sc. C.S	27	33	48			81
B .Sc. Botany	21	43	43	14		100
B. Sc. Zoology	20	65	20			85
B. Com.	55	41.82	42.61	8.27		92.7
M. A. English	18	12	3	3		100
M.A .Economics	19	5.2	36.8	26.3		68.42
M. Com.	18	44.44	55.56			100
M.Sc. Maths	16	6.25	31.25	43.75		81.25
M. Sc. Physics	11		82	9		91

**Table 2.15**

**Course/Programme wise distribution of pass percentage: 2013-14**

Title of the Programme	Total no. of students appeared	Division				
		Distinction %	I %	II %	III %	Pass %
B.A. English	39	28	25.6	35.8		88.8
B.A. Hindi	20	30	30	15		75
B.A. Malayalam	22	54.55	18.18			72.73
B.A. Economics	44		26	42	32	100
B.Sc. Maths	44	43.18	25	13.64		82
B.Sc. Physics	24	58.3	21			79
B.Sc. Chemistry	23	26	43.5			69.5
B.Sc. I.C	22	45.5	31.8			77
B.Sc. C.S	27	37	48			85
B.Sc. Botany	28	57	25			82
B. Sc. Zoology	27	37	37			74
B. Com.	55	61.82	32.98			94.8
M.A. English	19	42	32	26		100
M.A. Economics	19	26.3	57.9	15.7		100
M.Com.	19	26.32	73.68			100
M.Sc. Maths	19	57.89	36.84			95
M.Sc. Physics	12	16.7	66.7			83.4



**Table 2.16**

**Course/Programme wise distribution of pass percentage: 2014-15**

Title of the Programme	Total no. of students appeared	Division				
		Distinction %	I %	II %	III %	Pass %
B.A .English	40	35	32.5	25		92.5
B.A. Hindi	22	18.20	68.20			86.4
B.A. Malayalam	24	4	62.5	20.8		87.3
B.A. Economics	51	13.7	39.2	1.9		54.8
B.Sc. Maths	47	44.68	17.02			61.7
B.Sc. Physics	28	46.40	35.70			82
B.Sc. Chemistry	28	53.60	25			78.6
B.Sc. I.C	21	57	19			76
B.Sc. C.S	25	28	64			92
B.Sc. Botany	30	50	43	3		96
B.Sc. Zoology	28	78	11			89
B. Com.	52	46.15	46.15	1.93		94.2
M.A .English	19	36.80	52.60	10.50		100
M.A .Economics	16	37.50	56.25	6.25		100
M. Com.	19	21.05	78.95			100
M.Sc. Maths	20	10	50	15		75
M.Sc. Physics	12	33.30	58.30		8.4	100

**Table 2.17**

**Course/Programme wise distribution of pass percentage: 2015-16**

Title of the Programme	Total no. of students appeared	Division				
		Distinction %	I %	II %	III %	Pass %
B.A .English	37	30.0	43	16		89
B.A .Malayalam	26	-	24	-	-	92.3
B.A .Hindi	28	25	42.9	10.7		78.6
B.A. Economics	58	17.24	57.17	3.4		77.88
B.Sc. Maths	46	45.65	32.6	2.0		80.25
B.Sc. Physics	32	40.6	31.25			71.85
B.Sc. Chemistry	33	33.0	45			78
B.Sc.I.C	27	40.7	29.6			70.3
B.Sc. Computer Science	28	50	32			82
B.Sc. Botany	30	56.6	30			86.6
B.Sc. Zoology	27	55.55	33.33			88.88
B. Com.	55	64	29	2.0		95
M.A .English	20	15	65	20		100
M.A .Economics	16	37.5	56.25	6.25		100
M. Com.	19	21.05	78.95			100
M.Sc. Mathematics	18	16.66	50	11.11		77.77
M.Sc. Physics	12	33.3	58.7			92
M.Sc. Computer.Science	8	12.5	75			87.5

*2.6.3 How are Teaching, Learning and assessment strategies of the institution structures to facilitate the achievement of the intended learning outcomes*

The college has a strong focus on stimulating and sustaining individual excellence. Intended learning outcomes are achieved by strict adherence to the university and the college academic calendar. The trajectory planned at the beginning of the academic session is implemented during the course of the semester. Assignments, seminars and test papers along with quiz competitions, exhibitions, and debates/ discussions are part of the pedagogical process.

Regional and National seminars are conducted so that students and faculty can interact with eminent resource persons in their area of study. Papers presented during the course of the seminar point students towards newer areas emerging in their discipline. This in turn motivates the students towards research activities. Organizing a national/regional level seminar helps the students to hone their skills in managing and planning an event. Nothing is allowed to mar the event and the students wholeheartedly involve themselves in hosting such a programme standing shoulder to shoulder with their faculty.

The programme assigned by the National Service Scheme helps students to act responsibly towards society. Clubs like Bhoomithrasena and Nature club creates environmental awareness and the need for conservation amongst the students. Women's cell promotes the development of girl students by organizing various activities like seminars, talks by resource persons, motivational classes by psychologists, legal awareness classes, and last but not the least self-defense training in karate.

ASAP and WWS hones the skill of students in communication and mentors them for their future academic pursuits. Study tours, industrial visits, projects and dissertations help students derive knowledge apart from syllabi and classroom lectures.

All these initiatives help the building of an effective community of student-faculty creating an atmosphere where learning objectives are fulfilled at the macro and micro level.

*2.6.4 What are the measures /initiatives taken by the institution to enhance the social and economic relevance of the course offered*

As stated at the outset, some of the students are academically advanced being second or third generation learners. Many parents are themselves the alumni of the college. The Placement cell of the college has undertaken numerous capacity building programmes and created opportunities for employments via job fairs or recruitment cells.

Seminars on social and economic relevance of various courses are organized. Visits to research institutes help students develop practical knowledge about the course and also instils research aptitudes among them. The social outreach programmes of the departments also serve to inculcate social and moral responsibility in their students.

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

The college understands that individual students have their own strengths and weaknesses. Barriers to learning are discussed and brought out of the closets. Solutions need to be found and strategies implemented for effective pedagogy.

Student learning outcomes are collected and analyzed based on internal and external evaluation at college and university levels respectively. Based on these evaluations slow learners are helped to overcome their difficulties and to be at par with the rest of their student companions. Counselling is provided wherever necessary. Remedial and peer teaching help students to cope up with regular classroom teaching. Economically backward students are supported by providing them with texts, study materials, and scholarships for financial aid.

Student feedback is collected and analyzed at the end of the year. Changes are incorporated to overcome learning barriers.

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

Tutors, faculty and HODs of each department are vested with the responsibility of monitoring and ensuring standards of learning. Students learn by lecture classes which equip them for their internals and the semester exams. Continuous evaluation through periodic assignments, seminars, role playing, debates, and co-curricular activities like NSS, Women's cell to name a few ensures the achievement of the individual student. Competence building activities are organized for all students.

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

The college uses assessment and evaluation outcomes to analyze student achievements. This helps to differentiate between advanced and slow learners. Advanced learners are encouraged to participate in ASAP and WWS programmes. Slow learners are supported through remedial and peer teaching programmes. Learning difficulties are facts which cannot be swept under a rug. In such cases time is spent on addressing the lacunae through structured instruction and tutorial system. The academic calendar is prepared in such a way that all support is provided for student performance and achievements.

*2.6.8 Any other relevant information regarding Teaching, Learning and Evaluation which the college would like to include*

- Conducted Online examination
- Conducted Finishing School.
- Online evaluation of faculty by students
- Establishment of language lab

## **CRITERION – III**

### **RESEARCH, CONSULTANCY AND EXTENSION**

#### 3.1 Promotion of Research

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

The institution has been constantly striving for sanction from the university of Calicut for upgrading eligible PG Departments to research centres. Though sanction has been delayed due to technical reasons by the university, the college has been approved by the UGC as the research centre for the two post doctoral researches under UGC Research Award. Seven of our faculty members are doctoral research guides in various universities and produced 8 Ph.Ds during the last five year period.

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

The college has a research Committee to promote research activities in the institution. It has been constituted with college Principal as the Chairman and all research guides in the college as its members. Research activities are carried out with financial support from internal and external agencies. Among the college faculty there are 7 doctoral research guides, 2 post-doctoral fellows, 22 Ph.D holders, and 20 M.Phil holders and all are actively engaged in quality research. Nine faculty members have been awarded Ph.Ds during the post accreditation period. The college has a full fledged central library with INFLIB NET facilities.

The Research Committee meets frequently to initiate new research programmes and, co-ordinate and evaluate the research activities. The main recommendation of the Research Committee is to enhance the research capabilities among faculty and students and to inculcate research culture in the institution. The Committee motivates the faculty members to submit proposals for major and minor research projects to funding agencies.

**Table 3.1**  
**Details of Research Committee**

<b>Name of the faculty</b>	<b>Department</b>	<b>Position</b>
Prof.Dr.Madhusudhanan Pillai	Principal	Chairman
Dr.Sumitha.K.B	Malayalam	Co-ordinator
Dr.K.Usha	English	Member
Dr.Vasanthakumari.P	Commerce	Member
Dr.Sushma.S	Zoology	Member
Dr.Venugopala Krishna Kurup	Botany	Member
Dr.Maya.C.Pillai	Economics	Member
Dr.Sajeev.K	Hindi	Member

**The functioning of the Committee has contributed to:**

- Two post-doctoral research awards
- Conducting national and regional level research workshops/ conferences for faculty members, researchers and students
- Getting assistance and support for taking up minor and major research projects
- Promoting participation in national/international seminars/workshops
- Creating research culture among faculty and students
- Motivating the faculty for collaboration and consultancy
- Informing the faculty about the research grants and the time for applying for it
- Motivating the faculty to publish the research output in refereed national/ international journals
- Choosing areas of social significance for research
- Conducting social surveys and disseminating the findings and suggestions
- Equipping the faculty to take up minor and major research projects
- Motivating the faculty to acquire doctoral degrees
- Promoting participation of faculty in national and international seminars/ conferences/ workshops
- Arranging invited talks on research methodology, other emerging research areas and research funding agencies.

- Purchasing international books and journals
- Taking up the offer of examinership for the evaluation of Ph.D. Thesis of other universities
- Providing facilities for two post-doctoral research in the institution

The above interventions of the Research Committee has resulted in the increase in the number of paper presentations and participations by the faculty in conferences. During the last 5 years the number of research projects has increased considerably.

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

The institution follows an encouraging attitude towards research among staff and students. The policies of the college towards fostering research are evidenced from the following:

- Teachers with Ph.Ds. are motivated to take guideships.
- Faculty are encouraged to take doctoral degree.
- Seminars on research methodology are conducted by most of the departments.
- Extends infrastructure and technical services to faculty who are involved in active research.
- Offers coaching for UGC NET/JRF examinations.
- Preference in appointment is given to candidates with doctoral degrees.
- Duty leaves are provided to faculty for presenting papers in seminars and conferences.
- Faculty are motivated to do research under Faculty Development Programme.
- Assists the faculty to submit the utilization certificates in time to funding agencies.
- Research scholars, among teachers are given support to complete it within the specified time span.
- Publication of in house multi-disciplinary research journal ‘‘VISTAS’’ enables the teachers and students to publish their research work.



- Project proposal of the faculty members and students are properly evaluated by the Research Committee and necessary suggestions are provided.
- Complete autonomy is given to the principal investigators to pursue research and to utilize funds including overhead charges according to the directions of the funding agencies.
- Research grants from funding agencies are promptly released.
- The Research Cell monitors the timely submission of final project reports.

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

The institution is very keen on creating and developing research aptitude among students. The measures taken by the institution to foster scientific temper and aptitude for research culture are:

- Provide opportunities to the students to interact with eminent personalities.
- Encourage the students to participate in seminars and workshops.
- Motivate the students to creative and fruitful discussions on relevant topics.
- Encourage to visit centres of excellence.
- UG and PG students are required to do research oriented project works as part of their curriculum. They are directed to prepare their project reports strictly adhering to research methodology.
- Insist UG and PG students to select topics which have social relevance and scope for further research.
- Departments have research clubs which take up survey in the locality on aspects which have social implications. This helps not only in findings that is useful to the society, but in executing their knowledge in research methodology.
- Promote interdisciplinary research culture among students.
- Provide access to digital library resources

- Provide ICT enabled class rooms
- Provide NET/JRF Coaching classes

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

The faculty of the college is seriously involved in guiding the UG and PG students in their project work which is part of their curriculam. Seven of our faculty are doctoral research guides in Universities. Some are guiding students for M.Phil. projects in other Universities. Details of faculty actively involved in research are:

**Table 3.2  
Details of Research Guides**

SL No	Name	Department	University	No. of Scholars	Ph.D awarded	No. of Publications	No. of paper presentation
1.	Dr. A.N.Krishnan	Malayalam	Kerala Kala mandalam& Calicut University	8	6	1	
2.	Dr. P. Vasantha kumari	Commerce	Calicut University & M.G. University	12	2	31	52
3.	Dr.K.Usha	English	Calicut and Bharathiar university	6	-	6	2
4.	Dr. Sajeev. K	Hindi	Kannur University	4	-	10	7
5.	Dr. Venugopala krishnaKurup	Botany	Bharathiyar University	3	-	-	
6.	Dr. V.K. Sudhakaran	Commerce	Bharathiyar University	2	-	-	
7.	Dr. U. Jayaprakash	Malayalam	Dravidian, Kuppam Andhra Pradesh	2 M.Phil	-	1	
8.	Dr. Sushma. S	Zoology	Bharathiyar University	1	-	2	3

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

The institution organizes programmes for enhancing the capacity of faculty and students and for creating research culture. The details of the seminars conducted by the institutions to imbibe research culture and to focus on capacity building among the faculty and students in the campus are:

**Table 3.3**  
**Seminars, Workshops and Exhibitions organized by the college**

Year	Department	Topic	Status	Sponsoring Agency
2011-2012	College	Training Programme in General Informatics	College	KSHEC
	English	Transcending The Margins: Indigene-Dalit Literatures as Resistance Narratives	National	UGC
	Hindi	Rajabhashakeroop mem Hindi ka vikas	Regional	
		Rastrabhasha Hindi	Regional	
		Swathantrathasangram mem hindi ka sthan	Regional	
	Zoology	Renewable Energy Sources-A solution for Fuel run out	National	KSCSTE & Department of Science & Technology. Govt. Of India
		All Kerala Inter Collegiate Quiz Competition	State	
	Commerce	Personnel growth Lab New trends in Indian capital market	College	PTA and Viswabharath institute of management

2012-2013	Hindi	DespremaurRashtrabhasha	Regional	
		RastrabhashaaurRajabhasha	Regional	
	Botany	Ayurveda Awareness	College	Kottackal Arya Vaidya Pharmacy
	Computer Science	Project design and Development	Regional	
	Commerce	Women entrepreneurship: Challenges and prospects	University	PTA and SBI Ottapalam
		Impact of central budget on Indian economy	College	
	Zoology	All Kerala Inter Collegiate Quiz Competition	State	
2013-2014	Hindi	Origin And Development of Hindi Literature	Regional	
		An introduction to Vedas	Regional	
	Malayalam	Anukalpanam-cinimayilumsahithyathilum	National	UGC
	Computer Science	Networking	Regional	
		Exhibition ENIAC-2014		
	Commerce	Under sponsorship Green marketing: Issues and challenges	State	PTA and TIME
		Legal and ethical issues in E-commerce	College	
Zoology	All Kerala Inter Collegiate Quiz Competition	State		

2014-2015	English	From the Meadows to the waste land	Regional	
		Theatre: Innovations and Possibilities	Regional	
	Hindi	Hindi Katha Sahithya	College	
		Workshop on ICT for Teaching and Learning Hindi language and Literature	National	UGC
		Hindi Bhasha Ka Vikas – VideshiKshethrom mem	Regional	
	Physics	Exhibition on Contribution of Indian Physicists	Regional	PTA
	Chemistry	Chemistry of Advanced Materials	College	
	Botany	Exhibition on Rare and endemic medicinal plants		
	Zoology	Bioinformatics	College	PTA
		All Kerala Inter Collegiate Quiz Competition	State	
	Maths	Differential Calculus	College	
	Commerce	Risk management in Foreign exchange market	State	SBH ,Thrissur and PTA
		Online trading in stock exchanges :A practical experience Incentives and assistance for self-employment : Role of banks	College	PTA SBI
2015-2016	IQAC	Re-Accreditation Strategies	Regional	UGC
	English	Trajectories of Theatre Studies :Including Exclusions	National	UGC
	Hindi	Anuvad-Kala	Regional	
		Bharath Ki DharmAurSanskriti	Regional	

		ShodhPravidhikevibhinnaSopan	Regional	
		Exhibition on hand Embroidery	College	
	Malayalam	Keraliyarangakalalapatavumdwaniapatavum	National	UGC
		Exhibition- Keli	College	UGC
2015-16	Physics	Research Methodology	State	UGC
		Recent Developments In Physics	National	UGC
		Exhibition in connection with International year of light	Regional	
	Chemistry	Ozone-Good up high-Bad near by	Regional	KSSTE
		Research Methodology	Regional	College Research Cell
	Zoology	Understanding Biodiversity: Progress and Problems	National	UGC
		All Kerala Inter Collegiate Quiz Competition	State	
	History	The significance of Ottapalam Political Conference 1921	National	UGC
	Commerce	Research: multi-faceted dimensions	National	SBH Thrissur, PTA and SBI PBB Ottapalam
		Handloom sector	State	Handloom Cloth Directorate, Trivandrum and
		Entrepreneurship	Regional	Thaluk Industrial Office, OttapalamDIC
		Career Guidance Programme	College	Chathamkulam Business School, Kanjikode
	Commerce	ED Club, Regional seminar on Role of SSI in Indian Economy	State	
		Workshop on Hi-Tech Banking	State	SBI PBB Ottapalam
		Financial Planning for young Investors	State	SEBI

2016-2017	Hindi	Thulanathmak Adhyayan	State	
		Hindi Bhasha – UthpathiAurVikas	Regional	
		Sanjay – Jana DharmiKahanikar	Regional	
		Exhibition of hand Embroidery	College	
	Malayalam	Olappamannaanusmaranam	State	Smasthakeralam
		Rajalakshmiyummalayalacherukathayu tebhavukathwaparinaravum	National	Sahithya Parishath
	Physics	Workshop on Robotics	National	
		Electronic Workshop for PG Students	College	UGC
		A seminar on Cosmology and Skywatch Programme	Regional	IUCA, CUSAT & UGC
	Zoology	Wetlands and Disaster Risk reduction	State	KSCSTE
	All Kerala Inter Collegiate Quiz Competition on Environment	State		
Computer Science	Workshop on Android Application Development	State		
Mathematics	Academic Interactive Programmes	Regional		
2016-2017	Commerce	Emerging Trends in Capital Market	National	SEBI
		Emerging Trends In Banking And Finance	National	SBI Ottapalam and SBH Thrissur
		Workshop on self-employment programme	State	Commerce Dept. & DIC Palakkad
		Entrepreneurship among youth	State	DIC Palakkad
		Buddy Software Installation	State	SBI PBB Palakkad
		Demonetization Strategies	State	SBI PBB Palakkad
		MELANGE commerce exhibition	State	Commere Department

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

Prioritized research areas and the expertise available with the institution are as follows:

**Table. 3.4**  
**Details of Prioritized Research Areas and Expertise of Departments**

Department	Prioritized Research Areas
Commerce	Micro Finance, Co-Operation, Tourism, Women Empowerment, Capital Market, Banking And Finance, HRM, Entrepreneurship.
English	Linguistics, American Literature, Post-Colonial Writing, Ethnic American Literature, Women's Writing, Film Studies
Hindi	Criticism Essays, Novels, Poetry And Stories.
Zoology	Taxonomy And Bio Diversity, Marine Biology, Ecology, Embryology, Micro Biology, Molecular Biology, Entomology.
Botany	Pteridiophytes, Conservation Bio Technology.
Mathematics	Operator Theory, Frames, Approximation Theory, Determination Of Frame Bounds, Knot Theory.
Computer Science	Advanced Networking, Knowledge Management And Business Intelligence.
Malayalam	Malayalam Poetry, Medieval Malayalam Literature, Malayalam Short Story And Novel, Post Modern Malayalam Short Story.
Electronics	Electronics.
History	Ancient History And Archaeology, Modern History And Social Theory.
Economics	Indian Economy Migration, Macro Economics, International Economics, Agricultural Economics, Micro Economics, Natural Rubber, Public Finance, Conflict And Economic Development.
Physics	Nuclear Physics, Thin Films, Electronics, Quantum Mechanics, Cosmology.
Chemistry	Photo Catalysis, Phylo Chemistry, Material Science, Organic, Synthesis, Environmental Chemistry, Nano Chemistry, Corrosion Science.



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

The visit of eminent personalities to the campus is a motivation for the students. At the institutional level, eminent personalities are invited to be the guest of honour at occasions like college day, merit day etc. The department also invite illustrious resource persons to enlighten and interact with the students in seminars, workshops etc. The college union and different clubs also invite guests to speak on different occasions. The fund for this is generated by PTA, departments or funding agencies including government. The renowned personalities who visited our institution during the post accreditation period are:

**Table 3.5**

**List of Eminent Academicians And Scientists**

Department	Eminent Academicians, Scientists and Visitors
<b>Zoology</b>	<ul style="list-style-type: none"> <li>• Dr. Oommen.V.Oomen, Chairman, Kerala State Bio diversity Board</li> </ul>
	<ul style="list-style-type: none"> <li>• Dr.V.S.Vijayan, Environmental Activist, Former chairman, Kerala state bio diversity board.</li> </ul>
	<ul style="list-style-type: none"> <li>• Dr.C.D.Sebastian, Assistant professor, Department of Zoology, University of Calicut.</li> </ul>
	<ul style="list-style-type: none"> <li>• Dr.Kathirvelpandian, senior scientist, NBFGR, Lucknow.</li> </ul>
	<ul style="list-style-type: none"> <li>• Dr. Mohammed JafarPalot, Assistant Zoologist, WGRC, ZSI- Calicut.</li> </ul>
	<ul style="list-style-type: none"> <li>• Dr. BalakrishanPeroth, Scientist, TBGRI.</li> </ul>
	<ul style="list-style-type: none"> <li>• Dr.Habeeb Rahman, Assistant professor, Dept of zoology, Farook College(Autonomous, Calicut)</li> </ul>
	<ul style="list-style-type: none"> <li>• Dr.Bijukumar.A, Professor, Department of Aquatic Biology and Fisheries, Kerala University.</li> </ul>
<b>Economics</b>	<ul style="list-style-type: none"> <li>• VenkideshAthreya, MS Swaminathan Research Centre,Chennai.</li> </ul>
	<ul style="list-style-type: none"> <li>• Prof. Ljibicaknezevic, Czechoslovakia.</li> </ul>

	<ul style="list-style-type: none"> <li>• Dr.V.K.Vijayakumar, GEOJIT BNP PARIBAS.</li> <li>• Dr.Visakha Varma. KKTM Govt College, Kodungallur.</li> </ul>
<b>Chemistry</b>	<ul style="list-style-type: none"> <li>• Dr P Mohamed shafi,FormerHead,Department of Applied Chemistry, University of Calicut</li> <li>• Dr. P Raveendran , Professor, Department of Applied Chemistry, University of Calicut</li> </ul>
	<ul style="list-style-type: none"> <li>• Prof K Krishnan, Professor and Head , Department of Archaeology and Ancient History, The Maharaja Sayajirao University of Baroda</li> <li>• Prof. MGS Narayanan, Former Chairman, ICHR, New Delhi</li> <li>• Dr. P Sivadasan, HOD, History, University of Calicut</li> <li>• Dr. K Gopalankutty, Former HOD, History, University of Calicut</li> <li>• Dr. M Vijayalakshmi, Former HOD, History, N.S.S College, Manjeri</li> </ul>
<b>History</b>	<ul style="list-style-type: none"> <li>• Dr. N Narasimhamoorthi, Department of Mass Communication, Bangalore University</li> <li>• Prof. Gopakumar, Member of Anglospace, Trivandrum</li> <li>• Sri. K Krishnakumar, Speakers Forum</li> <li>• Sajitha Madathil, Theatre Exponent</li> </ul>
	<ul style="list-style-type: none"> <li>• Dr. Prabhukumar, Scientist, Medicinal Plant Division, Kottakkal Arya Vaidyasala</li> <li>• Dr. Muralidharan , Physician, Kottakkaln Arya Vaidyasala</li> <li>• Mr. V.S Mohandas, Agriculturalist, Edamuttom, Thrissur</li> <li>• Dr. Abdussalam, Asst. Professor, Sir Syad College, Thaliparamba</li> <li>• Dr. Azeez K , Associate Professor, Unity Women’s College, Manjeri</li> <li>• Dr. V M Musthafa, Research Co-ordinator, IRTC Mundoor</li> <li>• Dr. Deepa Narayanan, Post Doctoral fellow, Department of Bio Technology, CUSAT</li> </ul>
	<ul style="list-style-type: none"> <li>• Dr. N Narasimhamoorthi, Department of Mass Communication, Bangalore University</li> <li>• Prof. Gopakumar, Member of Anglospace, Trivandrum</li> <li>• Sri. K Krishnakumar, Speakers Forum</li> <li>• Sajitha Madathil, Theatre Exponent</li> </ul>
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<b>English</b>	<ul style="list-style-type: none"> <li>• Dr. N Narasimhamoorthi, Department of Mass Communication, Bangalore University</li> <li>• Prof. Gopakumar, Member of Anglospace, Trivandrum</li> <li>• Sri. K Krishnakumar, Speakers Forum</li> <li>• Sajitha Madathil, Theatre Exponent</li> </ul>
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<b>Botany</b>	<ul style="list-style-type: none"> <li>• Dr. N Narasimhamoorthi, Department of Mass Communication, Bangalore University</li> <li>• Prof. Gopakumar, Member of Anglospace, Trivandrum</li> <li>• Sri. K Krishnakumar, Speakers Forum</li> <li>• Sajitha Madathil, Theatre Exponent</li> </ul>
	<ul style="list-style-type: none"> <li>• Dr. N Narasimhamoorthi, Department of Mass Communication, Bangalore University</li> <li>• Prof. Gopakumar, Member of Anglospace, Trivandrum</li> <li>• Sri. K Krishnakumar, Speakers Forum</li> <li>• Sajitha Madathil, Theatre Exponent</li> </ul>
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	<ul style="list-style-type: none"> <li>• Dr. N Narasimhamoorthi, Department of Mass Communication, Bangalore University</li> <li>• Prof. Gopakumar, Member of Anglospace, Trivandrum</li> <li>• Sri. K Krishnakumar, Speakers Forum</li> <li>• Sajitha Madathil, Theatre Exponent</li> </ul>
<b>Commerce</b>	<ul style="list-style-type: none"> <li>• Prof. Dr. K.P Muraleedharan (Professor, Department of Commerce and Management Studies University of Calicut,</li> </ul>

	Former Director, College Development Council, University of Calicut
	<ul style="list-style-type: none"> <li>• Prof. Dr. Sathesh E K (Professor, Department of Commerce and Management Studies University of Calicut)</li> </ul>
	<ul style="list-style-type: none"> <li>• Mr. Madhusudhanan Kartha ( Professor , Maharaja's College, Ernakulam)</li> </ul>
	<ul style="list-style-type: none"> <li>• Mr. Preetham Menon (Faculty, ELIMS, Thrissur)</li> </ul>
	<ul style="list-style-type: none"> <li>• Mr. Sanesh ( Asst Professor, SVNSS, Thrissur and SEBI Trainer)</li> </ul>
	<ul style="list-style-type: none"> <li>• Dr. Krishnakumar (Director, Chathamkulam Business School, Palakkad)</li> </ul>
<b>Hindi</b>	<ul style="list-style-type: none"> <li>• Dr. P. Surendran (Retd. Associate Professor &amp; HOD, Calicut University)</li> </ul>
	<ul style="list-style-type: none"> <li>• Dr. Sudha.B (Retd. Associate Prof &amp; HOD, Calicut University)</li> </ul>
	<ul style="list-style-type: none"> <li>• Dr. P. Prabhakaran (Retd. Associate Professor &amp; HOD, GVC, Palakkad)</li> </ul>
	<ul style="list-style-type: none"> <li>• Dr. K. Sreedharan (Retd. Associate Professor &amp; HOD, N.S.S College, Ottapalam)</li> </ul>
	<ul style="list-style-type: none"> <li>• Dr. T.G Vijayakumar (Retd. Associate Professor &amp; HOD, GVC, Palakkad)</li> </ul>
	<ul style="list-style-type: none"> <li>• Dr.Venu (Retd. Associate Professor &amp; HOD, GVC, Palakkad)</li> </ul>
	<ul style="list-style-type: none"> <li>• Dr. Raveendran Mavingal (Retd. Associate Professor, SKVC, Thrissur)</li> </ul>
	<ul style="list-style-type: none"> <li>• Dr. EPremakumari (Retd. Associate Professor &amp; HOD, N.S.S College, Ottapalam)</li> </ul>
<b>Malayalam</b>	<ul style="list-style-type: none"> <li>• Dr. P.M. Sreedharan, HSST, GMMGHSS and Scholar</li> </ul>
	<ul style="list-style-type: none"> <li>• Prof. G. Kumara Pillai, Former Director, School of Drama, Thrissur</li> </ul>
	<ul style="list-style-type: none"> <li>• Dr. N.R Grama Prakash, Registrar, Kerala Kalamandalam</li> </ul>
	<ul style="list-style-type: none"> <li>• Dr.K.G. Paulose, VC , Kerala Kalamandalam</li> </ul>
	<ul style="list-style-type: none"> <li>• Dr. A.N Krishnan, Retd. Prof, Critic</li> </ul>
	<ul style="list-style-type: none"> <li>• Dr. Jayanthi, Associate Professor, Sree Sankaracharya University of Sanskrit and Kudiyatam artist</li> </ul>
	<ul style="list-style-type: none"> <li>• Dr. S.K Vasanthan, Retd. Professor, Critic, Scholar</li> </ul>

	<ul style="list-style-type: none"> <li>• Balachandran Vadakketath, Critic, Scholar, Sahithya Academy Member</li> </ul>
	<ul style="list-style-type: none"> <li>• Prof. G. Dileepan, Retd. Prof, Director, Natyasastrha, Katampazhipuram</li> </ul>
	<ul style="list-style-type: none"> <li>• Prof.G.Dileepan, Retd .Prof, Director, Natyasastrha, Katampazhipuram</li> </ul>
	<ul style="list-style-type: none"> <li>• Sr. Rajiv, Principal TRKHSS, Vaniyamkulam, Recite</li> </ul>
	<ul style="list-style-type: none"> <li>• Kalpata Narayanan, Retd. Prof, Critic Scholar</li> </ul>
	<ul style="list-style-type: none"> <li>• RajendranEdathumkara, Assistant Prof, Madappalli Govt College and critic</li> </ul>
	<ul style="list-style-type: none"> <li>• Smt.M.P. Pavithra, HOD Dept Of Malayalam, SNGC Coimbatore Story writer</li> </ul>
<b>Physics</b>	<ul style="list-style-type: none"> <li>• Dr.P.L.Anto, Retd. Professor, Department of Physics, St.Thomas college, Thrissur</li> <li>• Dr.Anand Naraynan, Associate Professor, IIST, Triovandrum</li> <li>• Prof.V.Muhammed Musthafa, Scientist, IRTC, Mundur.</li> <li>• Dr.Subeeesh.T. Assistant Professor, Amrita Institute, Coimbatore.</li> <li>• Dr.T.N.Narayanan, Assistant Professor, TATA Institute of Fundamental Research, Hyderabad.</li> <li>• Dr.Lakshmi.M. Assistant Professor, Mercy College, Palakkad</li> <li>• Dr.Tony Joseph, Assistant Professor, Govt. Victoria college, Palakkad.</li> <li>• Dr.Devadas.K.M., Assistant Professor, SVNSS College, Vadakkancherry.</li> <li>• Dr.Tharanath.R. Assistant Professor, Aquinas College, Kochi.</li> <li>• Dr.Prathapan.K., Assistant Professor, Brehnnan College, Kannur</li> <li>• Naval Ambavkar, Engineer Trainer from Robokart.com</li> <li>• Dr.Niju Vargheese, Assistant Professor, Sacred Heart college, Chalakudy</li> <li>• Suresh.V.C. Retired Professor, PSMO College, Tirurangadi.</li> <li>• Dr.Kuriakose, Retired Profesor, CUSAT</li> <li>• Dr.Saneesh Sebastian, Assistant Professor, St.Michael College, Cherthala.</li> </ul>

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

5.18% of the faculty members have availed FDP for Ph.D and M.Phil. The details of faculty members who have availed FDP for Ph.D. or M.Phil. during the post accreditation are given below:

**Table 3.6**  
**Details of faculty who have availed FDP**

Sl. No.	Name of the faculty	Period of FDP	Course
1	Miss. V VIndu	16.9.2009 to 15.9.2012	Ph.D (Pursuing)
2	Mrs. Sarojini Sudha	16-9-2009to 15-9-2011	Ph.D (Awarded)
3	Mrs. A Lekha	8.11.2011 to 7.11.2012	M.Phil (Awarded)
4	Mr.Sasidharan V	1.6.2010 to 31.01.2012	Ph.D (Pursuing)
5	Mrs. G. Girijakumari	1.10.2009 to 30.09.2011	Ph.D (Awarded)

They were granted leave according to UGC and State Government Rules. As per Kerala State Government Rules there is no provision for sabbatical leave.

*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 andcommunity (lab to land)*

The college has taken initiatives to bring the findings of the research done by the faculty and students to the society through various programmes. The findings of the research are brought to the benefit of the society through extension and social outreach programmes and educative programmes. For instance, the department of commerce has collaboration with SBI Ottapalam in various academic, research and social outreach programmes which have social and economic relevance. It has a number of research projects connecting

research and society. Post-doctoral research report on women empowerment and micro finance, major project report on 'Performance evaluation of NREGA' etc are the instances for the effort of the department to extend research findings to the benefit of the society.

Similarly the English department conducted a social and literary survey on the social implications of Aurobindo's Literary Output. Students were introduced to Aurobindo Ashram at Pondicherry and to Sri Aurobindo Centre for Advanced Research where they were given a lecture on Aurobindo's life and works by the eminent scholars of SACAR. The students got an opportunity to mingle with the inhabitants of the Ashram so that they get an idea of how Sri Aurobindo's ideas are implemented in the Ashram and how his mystic and literary life influences the people in the Ashram. The study provided both philosophical insights and practical knowledge on the saint as well as an alternative education system followed in SACAR.

### **3.2 Resource Mobilization for Research**

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

The institution mobilizes funds for research mainly through external funding agencies like UGC. Some departments mobilize it through academic organizations and other research institutions. During the 12<sup>th</sup> Plan period the institution received Rs.33,53,90 from UGC which is fully utilized for purchase of books, equipments, conduct of seminars and projects. The details of budget allocation and utilization are as follows.

**Table 3.7**

**Details of Budget Allocation and Utilization**

Items	Budgeted Amount (Rs.)	Amount Received (Rs.)	Amount Used (Rs.)
Books & Journals	700000	700906	700906
Equipment	1000000	950000	950000
Instrumentation Maintenance Facility	250000	200000	200000
ICT in Education	400000	428000	428000
Competence Building Initiatives	400000	250000	250000
Educational Innovations	350000	300000	300000
Fieldwork	200000	200000	200000
Extension Activities	300000	250000	250000
Career & Counselling Cell	100000	75000	75000
<b>Total</b>	<b>37,00,000</b>	<b>33,53,906</b>	<b>33,53,906</b>

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

The faculty members are motivated by the college to take up research activities providing infrastructure and laboratory facilities free of cost. But no direct financial support is offered. The PTA extends financial support on request for organizing seminars. The research journal is funded by PTA.

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

The funds allocated to departments from government account and UGC schemes are utilized for the purchase of books, journals, equipments, essential chemicals and glass ware. In addition to this, the individual departments also support student projects. In 2015-2016, 3 students from Physics received three fellowships from government of Kerala. Three of our PG Departments received PG assistance of Rs.300000 each from UGC during the XII<sup>th</sup> plan period. In the 11<sup>th</sup> plan period four departments received PG assistance, the details of which are given in the following table.

**Table 3.8**

**Details of PG Assistants during Post Accreditation Period**

Department	Amount Sanctioned(Rupees)		Amount Utilized(Rupees)	
	XIth Plan	XIIth Plan	XIth Plan	XIIth Plan
Commerce	800000	300000	800000	300000
Mathematics	550000	-	550000	-
English	500000	300000	500000	300000
Economics	500000	300000	500000	300000

With the PG assistance from UGC, Department of Commerce and Economics have set up computerlabs for PG students.

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

Our institution enhances and encourages interdisciplinary and collaborative research. Some of the faculty have done their doctoral research on interdisciplinary topics. Similarly, many of the minor/ major research projects are interdisciplinary in nature. For UG and PG projects, equipments, books and



other resources are shared by students from various departments. Interdisciplinary workshops and seminars especially on commonly useful topics like research methodology have been organized by linking different departments. Details of interdisciplinary research and projects are as follows:

**Table 3.9**  
**Details of Interdisciplinary Research and Projects**

Department	Name of the faculty	Project Title	Inter-disciplinary Area
Chemistry	Dr. Dhanya.T.P	Photocatalytic Degradation Of Organic Pollutions Using Tio <sub>2</sub> Catalysts.	Catalysis
	Dr. MohanaKrishnan.M	Redox Chemistry Of Plant Extracts With Special Reference To The Woody Plant Macaranga Indica WT.	Plant Science
	Dr.Rejani.P	Conducting Polimer/In Organic Oxide Nano Composities For The Photocatalytic Degradation Of Organic Dyes.	Material Science
	Dr.Sandhya.R	Synthesis And Evaluation Of Some Highly Substituted Indoles.	Pharmaceutic al Studies
	Smt.Umadevi.A.G	A Study On The Seasonal Variation And Characterisation Of Chemical And Micro Biological Parameters In The Underground Water Of Eloor Island And Industrial Belt In Ernakulam District, Kerala.	Environment al Science
	Shri.Vineeth.M	Microvave Assisted Solvent-Free Synthesis Of Au- Ag And Au- Ag Alloy Nano Particles Via Green Chemical Synthetic Route.	Nano Technology

Commerce	Dr.Vasanthakumari.P	Performance Evaluation On NREGS And Its Impact On Women Empowerment	Sociology, Economics, Gender studies
Malayalam	Dr.Suraja.E.M	Transition Of Kerala Society From Rural Agricultural System To Colonial Modernity And Its Mode Of Representation In Malayalam Poetry- A Study With Special Reference To Edassery And Vyloppilly.	Cultural Studies
	Dr.Sumitha.K.B	Social And Psychological Relevance Of Rich Well Arts- A Study Based On Poothan And Thira Of Palakkad District.	Folklore
Zoology	Dr.Sushma.S	Studies on Pesticide Accumulation In Selected Fish Species In Kole wet Lands Of Central Kerala.	Chemistry, Pollution
	Smt.Preethi.R.	Systematic studies of eurytominae (Hymenoptera: Eurytomidae) of South Malabar area of Kerala	Agricultural science and bio diversity
	Dr.Sreedevi.N.Kutty	Microbial Impact on major tourist beaches of Kerala	Ecology, Molecular biology and Microbiology
Physical Education	Smt.Indu.P.Nair	Leadership Styles, Copying Skill And Mental Toughness Among University Level Athletes In Kerala.	Human resource Management

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

The institution provides infrastructure and laboratory facilities free of cost to staff and students. Computers with internet facilities are provided to all

departments. All PG class rooms and final year degree class rooms are ICT enabled. The central library and PG Dept. libraries have a good collection of latest edition books, journals and e- resources. The working hours of the library are arranged in such a way to facilitate maximum utilization of it by staff and students. Even the UG students are permitted to select books from the book shelves of the library. The laboratory is furnished with the latest equipments. The additional grant of Rs.25 lakhs received from UGC during the XI th Plan period has been utilized for the upgradation and the purchase of laboratory equipments to meet the academic requirements.

*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 major and minor projects of faculty contribute to the research culture of the college. During the last 5 years 30 faculty members have received minor projects and three major projects. Two post-doctoral research fellowships under UGC Research Award strengthen the research facilities as the institution itself is its research centre. Research scholarships from Kerala State Council for Science, Technology and Environment enable the students to complete their projects successfully.

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

Three major projects and 30 minor projects are carried out in this college by faculty members. In addition to this, financial support is received from government and agencies like UGC and KSCSTE for research promotions. Details are given below:

**Table 3.10**  
**Details of Research Projects**  
**Major Projects**

SL No..	Name of the faculty	Department	Amount sanctioned	Amount received	Status
1.	Dr.P.Vasanthakumari	Commerce	562800	562800	Submitted
			450000	450000	submitted
			600000	600000	submitted

**Minor Projects**

SL No.	Name of the faculty	Department	Amount sanctioned	Amount received	Status
1.	Dr.Sajeev.K	Hindi	90000	65000	On Going
2.	Rejani.P	Chemistry	450000	325000	On Going
3.	Sandhya R	Chemistry	500000	370000	On Going
4.	Umadevi.A G	Chemistry	470000	370000	On Going
5.	Indu P Nair	Physical Education	300000	200000	On Going
6.	Dr.K.B Sumitha	Malayalam	160000	95000	On Going
7.	Suraja.E.M	Malayalam	135000	80000	On Going
8.	Sunitha.K.G	Mathematics	275000	225000	Submitted
9.	Geetha.K	Commerce	160000	107500	On Going
10.	Prabha.P	Commerce	160000	105000	On Going
11.	Gayathridevi. K.M	Electronics	250000	200000	On Going
12.	Aswathy.G	English	185000	122500	On Going
13.	Sreedevi.N. Kutty	Zoology	12000	46000	Submitted
14.	Harinarayanan.S	English	165000	127500	On Going

15.	Aneeshya V	English	220000	160000	On Going
16.	Anuradha.P	Economics	155000	87500	On Going
17.	Vijesh T P	Politics	150000	141,500	On Going
18.	Radhika Krishnan.G	Economics	90000	65000	On Going
19.	Mohanakrishnan M	Chemistry	475000	380000	On Going
20.	Sri.Vishnu.P.S	Economics	105000	77500	On Going
21.	Dhanya.T.P	Chemistry	400000	305000	On Going
22.	Vineeth.M	Chemistry	490000	345000	On Going
23.	Rahul.V.Kumar	Chemistry	70000	40000	On Going
24.	Dr.Sushama	Zoology	100000	55000	On Going
25.	Seemadevi	Botany		35000	Submitted
26.	Dr.Sindhu.G. Nair	Mathematics	155000	130000	On Going
27.	Smt.K.K. Hemalatha	Zoology	2,20,000	220000	Submitted
	Smt.P.Hemalatha	English	38,000	38,000	Submitted
28.	Mohanan Pillai	Economics	60,000	60,000	Submitted
29.	P.C.Thankom	Economics	60,000	60,000	Submitted
30.	A.K.Sailaja	English	89,000	89,000	Submitted

### **3.3 Research Facilities**

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

The college provides the students, a resourceful library with INFLIBNET, e-books, online journal resources and repository of the research output of the students and faculty. Internet facility, consistent up gradation of library and

subscription of books and journals to the library are the unique features of our library. By using funds under various UGC schemes and projects the institution is constantly trying to upgrade the laboratories. The details of facilities / equipments available for research are given in the section 3.3.3. Workshops, conferences and seminars on research methodology are being organized. The details of workshops/ conferences/ seminars on research methodology during the year are given in following table.

**Table 3.11**  
**Details of Workshops conducted on Research Methodology**

Departments	Title of the seminar
Physics	Regional Seminar on Research Methodology
Hindi	A seminar on Shodh Pravidhi ke Vibhinna Sopan
Chemistry	Regional Seminar on Research Methodology
Commerce	National Seminar on Research- Multi Faceted Dimensions
Economics	Workshop on research analysis using SPSS

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

The planning Board and the Research Committee of the college frame the strategies for planning, upgrading and creating the facilities for research. Library and laboratory facilities are upgraded annually by using UGC grants and Government grant. While using these grants, priority is given to create and upgrade the infrastructure facilities.

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

The institution has received grants and financial support from UGC and government for developing research facilities. Facilities added to various departments are shown in the table 4.1.

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

The various departments have linkages and collaborations with other academic and research institutes which facilitate the successful completion of master and doctoral researches and research projects. The external library and laboratory facilities utilized include:

- Kerala Institute of Local Administration
- Calicut University
- Cochin University of Science and Technology
- C-MET, Thrissur
- Kerala Agricultural University
- Kerala university
- Centre for Development Studies
- Indian Institute of Space and Technology
- Keltron, Kuttipuram
- Instrumentation, Palakkad
- IRTC Mundur
- IIST, Thiruvananthapuram
- IISE, Thiruvananthapuram

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

The digitalized college library has a good collection of books and journals for research reference. The INFLIBNET N-LIST and associated journal resources

are available in the library. For research in science scientific equipments such as Muffle furnace, hot air oven, spectrocolorie meter, water deionizer, PH Meter, Digital potentiometer, Conrifuge, Vaccum pump, MicrowaveOven, Clevenger Apparatus, Rotary evaporator, Auto clave BOD incubator, ESR Spectro Meter, GMCCounter, Microprocessors, Ultrasonic interfero meter etc are available in the laboratories. Institutional repository of doctoral, M.Phil. Dissertations of faculty members and PG projects of students are available. “Vistas”, a multi-disciplinary research journal published by the institution, enables the faculty and students to publish the results of their research work.

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

The major and minor projects taken up by departments provide a momentum towards collaborative research facilities in the institution. All the departments in the college are involved in the projects funded by external agencies. Naturally there exists collaboration between departments in the institution and external research centres.

### **3.4 Research Publications and Awards**

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

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

Dr. Hemalatha of Zoology Department has filed a patent for insect trap. There is remarkable increase in the research achievements in terms of publications, awards and paper presentations.

The institution often conducts surveys for the benefit of the community. The PG Dept. of Commerce encourages the PG and UG students to take up projects



having social implications. In addition to this, the dept. has conducted a survey on socio, economic and health indicators of Kumbarankundu colony in Ottapalam Taluk. A copy of the report incorporating findings and suggestions are given to Ottapalam Municipality and follow-up measures are taken by the department. A list of such projects taken up by departments is given in the following table.

**Table 3.12**  
**Details of Social Survey conducted by departments**

Department	TITLE OF THE SOCIAL SURVEY
Commerce	<ul style="list-style-type: none"><li>• Impact of mobile phones on the young generation</li><li>• Socio Economic Indicators of Rural Households in Kumbhara colony</li><li>• Survey on financial literacy of BPL households</li></ul>
English	<ul style="list-style-type: none"><li>• A social survey on Nila</li><li>• A survey on Bhavani puzha, Attappadi</li></ul>
Economics	<ul style="list-style-type: none"><li>• Socio-Economic survey on Kumbaran colony</li><li>• Socio-economic survey on Kripa Bhavan, an old age home</li></ul>
Physics	<ul style="list-style-type: none"><li>• Survey on conservation of energy and dependents on non-conventional energy sources</li></ul>
Chemistry	<ul style="list-style-type: none"><li>• Water Analysis</li></ul>
Zoology	<ul style="list-style-type: none"><li>• Colour blindness survey</li></ul>

Based on the research studies of Commerce Department on Self Help Groups and Micro – enterprises linked to it, the department conducted classes to members of Self Help Groups on how to maintain their books of accounts as it

is identified as the main problem faced by them. Motivational classes were also conducted to the children of members of NHGs, i.e, members of Balasabha constituted by Kudumbasree. Classes were also conducted for the youth in Ottapalam Municipality about the government schemes and incentives to the unemployed youth for taking up self employment projects.

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

The institution has been publishing an annual multidisciplinary research journal, "Vistas". It contains the research output of faculty, students and those from other institutions. It is a multi-disciplinary research journal and contains only original research works. Only blind reviewed articles are selected for publication. The editorial board has 8 members and they are from different disciplines.

3.4.3. Give details of publications by the faculty and students

The details of publications by the faculty and students are given in Table 3.13

**Table 3.13**  
**Publications per Faculty**

Department	Name	Books	Edited Books	Journal		International Database	Proceedings	H-Index
				National	Inter national			
Commerce	Dr. P. Vasanthakumari	3	12	5	8	2	1	
	Geetha.K		6				2	
	Prabha.P		3				1	
	Suni Devi. V.T		1	1			2	
	Prameela.P		3				2	
	Priya.P		2				1	

<b>English</b>	Dr. Madhusoodhanan Pillai	2					
	Dr. Sarojini sudha	1	3	4			
	Sangeetha Varma		1	3			1
	Dr.P. Hemalatha			1			
	Dr.K.Usha		2	1	1		1
	Dr. B. Geetha kumari			5			
	Aswathi.G			1			
	Harinarayanan		1	3			
	V. Jayakrishnan			2			
	Aparna.B	1		1	1		
<b>Malayalam</b>	Dr. U. Jayaprakash			1			
	Dr. A.N. Krishnan		1				
	Dr. Indira		4	9			
	Dr. Sumitha. K.B			7			
	Dr. E.M. Suraja			5			
	Dr. Rajeswari			3			
<b>Hindi</b>	Dr. Sajeev.K	5	4	1			
	Dr.G. Sreedevi		1	10			1
	Smt. Manjula. P.S		1	2			
<b>Chemistry</b>	Dr.Dhanya. T.p				3		
	Rejani			4	3		
	Dr.Sandhya. R				5		

	Umadevi. A.G			1	1		4	
	Dr. Mohanakrishnan				2		2	
<b>Zoology</b>	Dr.K.K.Hemalatha			1				
	Sushma. S			2				
	Gayathri elayidam		2	3				
	Sreedevi. N. Kutty	1		11			1	2
	Preethi.N		1					
<b>Economics</b>	Dr.maya.c. Pillai		3					
	Anuradha.P			3				
	Radhika Krishnan						1	
	Rahul.V. Kumar		1	4				
	Sajitha.P.P							
<b>Botany</b>	Dr. Ranjusha. P.P			1				
	Maya.S.Nair				1		1	
	Seema Devi							

*\*Details attached in Annexure.II*

**3.4.4.Provide details (if any) of :**

**Major research achievement of staff and students**

Two members of our faculty have been selected for UGC Research Award. Within the last five-years, the faculty have many publications out of which 20 articles are in International and 98 are in national peer reviewed refereed journals. In additions to this 123 seminar papers were presented of which 6 are in foreign Universities. There are 2 publications in the International database. Dr. Vasanthakumari.P of Commerce department received Rs.88400 as

international travel grant for her paper presentation in Ghana for a conference organized by UNDP and University of Cape Coast. 18 students of commerce department have presented papers at Conferences/ seminars.

**Research awards received by the faculty**

Details of Research awards received by the faculty is shown table 3.14

**Table 3.14**

**Details of Recognition for Research**

Name of the faculty	Recognition
<ul style="list-style-type: none"> <li>• Dr. Vasanthakumari.P</li> </ul>	UGC Research Award (National level award- 3 year post doctoral fellowship)
<ul style="list-style-type: none"> <li>• Dr. Anilkumar.S</li> </ul>	UGC Research Award( 2 year post-doctoral fellowship)
<ul style="list-style-type: none"> <li>• Dr.Vasanthakumari.P</li> </ul>	International Travel Grant from UGC
	Best Research Paper Award in an International Conference on Microfinance conducted by Central University, Pondicherry.
	Best Alumni Award from Vimala College, Thrissur for Academic Achievements at National Level.
	Best Alumni Award from St.Joseph’s College, Irinjalakuda, for Academic Achievements at National Level
Dr. G. Sreedevi	Bharatha Patrika Sahitya Puraskar
Dr.Mohanakrishnan.M.	<ul style="list-style-type: none"> <li>• Kerala Sahitya Academy Kanakasree award</li> <li>• Vailoppilly Award</li> <li>• Dr.P.K. Rajan Memorial Award</li> <li>• Vivekananda Puraskaram by Kerala Government</li> </ul>
Dr.T.R Sreelatha	AKOVA Gramasree Award

Recognition received by the faculty from reputed professional bodies and agencies are shown in Table 1.1.

Details of Faculty serving on the editorial boards of national and international journals are given in Table 3.15

**Table 3.15**

**Details of faculty serving on Editorial Boards**

Dept.	Name of the faculty	Journal	Nature
Commerce	Dr.Vasanathakumari.P	<ul style="list-style-type: none"><li>Journal Of Business Management And Information System (online)</li><li>Asian journal of research in business, economics and management</li><li>Global Research Review</li><li>International Journal on Computing and Research</li></ul>	International
		<ul style="list-style-type: none"><li>Research Scholar</li><li>Mirror</li></ul>	National
Malayalam	Dr.U.Jayaprakash	<ul style="list-style-type: none"><li>Kalalokam</li></ul>	Regional

#### **3.4.5 Membership in professional bodies by faculty**

The details of membership in professional bodies by the faculty are as follows.

**Table 3.16**  
**Membership of faculty members in professional bodies**

Name	Department	Organization or Committee
Dr.Sajeev.K	Hindi	<ol style="list-style-type: none"> <li>1. Extension faculty of decentralized governance Kerala Institute of Local administration (KILA)</li> <li>2. SCERT Hindi Syllabus revision committee expert</li> <li>3. Vihar Vibhag Palakkad District Vice President</li> <li>4. Principal in charge at N.S.S College Ottapalam(nov 1<sup>st</sup> 2014- jan 4<sup>th</sup> 2015)</li> <li>5. Faculty for Pre-marital counselling, Anti Liquor Campaign and Life style diseases of Nair Service Society</li> <li>6. N.S.S Human resource cell Co-ordinator</li> <li>7. Member, Ethics Committee P.K Das Medical College, Vaniyamkulam</li> <li>8. Official Language Advisory Board Member-Rubber board Kottayam</li> <li>9. Managing Committee Member ,Bharatheeya Vidya Bhavan School ,Ottapalam</li> </ol>
Mrs. Indu	Physical education	Member, SPAI
Dr. V Venugopala krishnakurup	Botany	Biodiversity Board Member in District level support group, Palakkad Kerala Bio Diversity Board
Dr. A N Krishnan	Malayalam	Kalamandalam
Dr. Sushama S	Zoology	OISCA (International Committee)
Ms Preethi	Zoology	E-bird (International Committee)
Dr. Sreedevi N Kutty	Zoology	Society of Marine Biologist (National Committee)
Dr.Vasanthakumari.P.	Commerce	Committee for Co-operative Education

*3.4.6 Incentives given to the faculty for receiving State, National and International recognitions for research contributions*

The institution recognizes the research contributions of faculty whose work has substantial social and community value. The college acknowledges their achievements by honoring them on the auspicious occasions of the college

**3.5 Consultancy**

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

Though the college has no well-defined policy for consultancy institute-industry interface is established through consultancy services provided on honorary basis. Income tax, research, statistical analysis, waste management, pollution control etc. are given priority among consultancy services.

The commerce department provides consultancy to research scholars and faculty of other institutions on statistical analysis and interpretation of data. They also provide consultancy to tax payers on tax planning. In addition to these the active participation of the faculty members in seminars/ workshops etc provides a platform for publicizing the range of expertise available in the institution. The college website and research journal publicizes the same.

The Entrepreneurship Development Club and Career Development and Placement Cell enable the college to maintain good rapport with industries and departments of government.

The management has given autonomy to the college and departments to formulate their action plan to facilitate institute – industry interface. As industrial visit is a part of curriculum for Commerce and industrial chemistry, students are provided opportunities to visit industries. In addition to this, for project works, departments establish linkage with industries. Similarly, activities of NSS, ED Club, Bhoomithrasena club etc. are carried out in collaboration with industries and industrial departments of government.

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



The management and faculty of the institution recognizing the difference between consultancy and research, decided to give more importance to research as it is essential for academicians to discharge their duties as a teacher. The institution is also interested to give the expertise of the faculty to the society on honorary basis as part of their social responsibility initiatives. The college web site, the in house research journal, seminars and workshops conducted by the institution, the industrial linkages, collaborations and alumni are the main sources by which the expertise of the institution are publicized.

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

The faculty is given freedom and motivation to take up consultancy for social benefit provided it will not affect their teaching assignments. They are permitted to use the infrastructure facilities of the institution such as library and laboratories.

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

Waste management and pollution control are given priority among consultancy services by science departments. Commerce department provides consultancy in personal tax planning and statistical analysis and interpretation. Humanity departments are engaged in the promotion of culture and literary activities. Department of computer science and physics provide consultancy in computer hard wares and developing soft wares.

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

The consultancy is recognized by the institution as a platform for the application of research output. Hence it considers this work as a social responsibility and does not claim any income generated by the faculty from consultancy. The faculty and departments are given freedom to utilize the amount generated through consultancy.

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

The vision of the college is education for social development. Hence it has a clear perception of moulding the younger generation into socially responsible citizens. The institution insists that all departments should discharge social responsibility through socially relevant extension programmes which will help to empower the marginalized sections of the society.

*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 student's union of the college, an elected body of the students, is the main organ through which the institution organizes, monitors and co-ordinates the social activities. Forums like NSS, Women' cell, Bhumitrasena, ED Club, Red Ribbon club etc function in the college. The institution and the students have taken up various extension and social outreach programmes, the details of which are given below :

#### **National Service Scheme (NSS)**

The NSS units of the college are vested with the responsibility of ensuring participation of students in social activities. There are two NSS units in the college and these units aim at inculcating the spirit of sacrifice and service, and a sense of togetherness. It helps to develop leadership, discipline, sportsmanship, etc. among students. The annual 7 days' camp conducted by NSS units is uniquely characterized by the participation of a large number of students. The members of faculty act as programme officer. These units have achieved laurels for their performance. Major programmes conducted by the NSS units during the last two years are as follows:

- Distribution of 5000 plantlets in College as a part of World Environment Day on 5<sup>th</sup> June, 2015.
- Invited Lecture on Energy Crisis by Prof. B M Mustafa, Research Coordinator, IRTC, Mundur on 11<sup>th</sup> June, 2015.
- Conducted an awareness programme on Organ Donation as a part of NSS Day celebration on 24<sup>th</sup> September, 2015

- Organized a Mass Run in connection with the National Integration week celebration on 20<sup>th</sup> November, 2015.
- Survey on waste management at nearby wards of Ottapalam Municipality on 27<sup>th</sup> November, 2015.
- Awareness class, documentary show and rally were conducted in connection with AIDS Day on 1<sup>st</sup> December, 2015.
- Non-degradable waste was collected from the campus as part of the Green Campus campaign on 15<sup>th</sup> January, 2016.
- A basic training on Palliative Care was given to unit members by Sri. Shajeer and Sister Latha on 15<sup>th</sup> January, 2016.
- An awareness Programme was conducted on Road Safety and given a Special Lecture Shri. Ramesh ,Sub. RTO, on 27<sup>th</sup> January, 2016.
- Blood donation camp and blood group determination camp were conducted in association with District Hospital, Palakkad and P K DAS hospital, Vaniyamkulam on 5<sup>th</sup> March, 2016.
- Renovation of college garden by planting 2000 plants in March, 2016.
- Seven Days Special Camp was organized from 18<sup>th</sup> Dec.2015 to 24<sup>th</sup> Dec.2015 at Palakkad Municipality (Unit No. 36) and Kondazhy Panchayath (Unit No. 94).
- Palliative care programme was conducted by the units on 17<sup>th</sup> June 2016.
- Government Taluk hospital and Government Ayurveda Hospital were cleaned by the units on 6<sup>th</sup> August 2016.
- For making an awareness among local people about natural materials and their uses a programme named 'Back to nature Back to Agriculture' was conducted in collaboration with Ottapalam Municipality and selling of cloth bags made by volunteers was also organized.
- Onapudava was distributed to senior citizens in the neighbor hood of N.S.S College, Ottappalam on 8<sup>th</sup> September 2016. The fund for the same was raised by selling the flowers grown in the college premises by NSS volunteers.

- As a part of Children's day celebration 350 books were collected from College and handed over to G.J.B. School, Palappuram on 14<sup>th</sup> November 2016.
- In collaboration with Ottapalam Municipality and Lakkidi Health centre, the Units conducted an awareness Campaign about Elephantiasis and preventive medicine was distributed on 19<sup>th</sup>, 21<sup>st</sup> & 22<sup>nd</sup> November 2016.
- The unit members spent one day in Helen Keller Institute, Vaniyankulam on 26<sup>th</sup> November 2016.
- In coordination with Ottapalam Municipality, National Highway cleaning campaign was conducted on 9<sup>th</sup> December 2016.
- A Training programme on Soap and Chalk making was conducted on 28<sup>th</sup> January 2017.
- An exhibition of handicraft items made by the unit members was conducted on 30<sup>th</sup> January 2017.
- A special lecture was arranged against Corruption and the talk was delivered by Dy. SP Vigilance and Anti Corruption bureau on 3<sup>rd</sup> February 2017.
- Members were sent to Mega Youth camp at Malampuzha and District level disaster management camp at Olavakkode
- Seven day special camps were conducted from 24-12-2016 to 30-12-2016 at Meetna and from 26-12-2016 to 1-1-17 at Kannadi Grama Panchayath.

### **Compulsory Social Service (CSS)**

CSS is an integral part of UG curriculum of Calicut University and students are expected to perform 30 days of social service. The main aim of this programme is to involve the students in social/ community life. Under this programme involvement of the students are assured in community development programmes, campus cleaning and locality cleaning. Participation of students in blood donation camps, AIDS awareness programme, etc are encouraged. Though the CSS scheme was discontinued by the University, our institution still

continues the practice of involving all the students in community development activities.

### **Extension Programmes of departments**

The various departments in the college, clubs, cells, etc conducted several extension programmes. The details of these are given below:

**Table 3.17**

**Details of Extension Activities taken up by departments**

Department	Extension Activities
English	<ul style="list-style-type: none"><li>• Survey on Punnayurkkulam and Kamala Das- Role of the locale in inspiring creativity.</li><li>• River Nila- A survey of the River that was.</li><li>• River Bhavani- A survey in Attapadi.</li><li>• Myths, Folklores and Legends of Valluvanad- A socio-Cultural study.</li><li>• Ancestral homes of Kerala- Cultural and Literary Influences: A study.</li></ul>
Botany	<ul style="list-style-type: none"><li>• Ayurveda medical camp in collaboration with Kottakkal Arya Vaidyasala 2012-13</li><li>• Organic Farming Awareness Programme 2015-16</li><li>• Waste Management and Vermicompost in collaboration with IRTC.</li></ul>
History	<ul style="list-style-type: none"><li>• Special coaching for economically backward 10<sup>th</sup> students for NSS KPT higher secondary school, Ottapalam on 3/3/2017 – 6/3/2017</li></ul>
Economics	<ul style="list-style-type: none"><li>• A short film on gender awareness.</li><li>• Environmental awareness and water security</li><li>• Socio-economic survey of Kumbaran colony.</li><li>• Food fest season 1</li><li>• Food fest season 2</li></ul>
Physics	<ul style="list-style-type: none"><li>• Exhibition on contribution of Indian Physicists.</li><li>• Two day exhibition in connection with international light year</li><li>• Robotics workshops</li><li>• Electronics workshop for PG Sstudents</li><li>• Skywatch programme</li></ul>

Chemistry	<ul style="list-style-type: none"> <li>• Water analysis in 2014-15 and 2015-16- Titled -Green water, clean water(details)</li> <li>• Chemexpo-2017(details)</li> </ul>
Hindi	<ul style="list-style-type: none"> <li>• Conducted hand embroidery classes for women and distributed certificates to those who were successfully completed the course.</li> </ul>
Commerce	<ul style="list-style-type: none"> <li>• A survey on financial literacy of BPL households</li> <li>• Awareness programme to the common people about the detection of fake currency notes of Rs.500 and Rs.1000.</li> <li>• Survey on the usage of mobile phones by the student community.</li> <li>• Classes to mentors of SHGs on how to maintain their books of accounts.</li> <li>• Need based pre-recruitment training including how to appear for interview to qualified youth in Meetna, Ottapalam.</li> <li>• Motivational classes to members of Balasabha constituted by NHGs of Kudumbashree.</li> <li>• Awareness classes to educated youth about the government and bank schemes to promote entrepreneurship.</li> <li>• A social survey on socio-economic background of Kumbharankund Colony.</li> <li>• Exhibition of the products of Cottage industries.</li> <li>• The installation of e-Wallet softwares as part of digital finance literacy programme</li> </ul>
Malayalam	<ul style="list-style-type: none"> <li>• Keli: Exhibition on Kerala theatre arts and martial arts for school students</li> <li>• Exhibition on scope of traditional industries and conservation of nature</li> </ul>
Zoology	<ul style="list-style-type: none"> <li>• Conducted eye camp and blood grouping bank.</li> <li>• Conducted all kerala inter collegiate quiz on environment</li> <li>• Conducted colour blindness survey</li> <li>• Conducted organ donation awareness camp</li> <li>• Blood donation camp</li> <li>• Medical camp</li> <li>• Class on possibilities of vermi compost on organic farming</li> </ul>

### **Details of Departmental extension activities**

Details of departmental activities are shown in Evaluative reports of departments.

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

The students who are involved in social activities like NSS, Women's Cell etc are directed to report their activities to the concerned co-ordinator who monitor their involvement and contribution in the programmes planned and implemented. Proper suggestions are given to them to improve the effectiveness of activities. The students are encouraged to share their experiences while involving in such activities. They are given certificates for their contribution. Based on their involvement grace marks are awarded subject to the norms stipulated by the affiliating university.

The students union of the college, various clubs and forums formed at the college level organises the social activities of the institution. They motivate and mobilize the students towards these activities. The students are provided orientation through talks, seminars, interface with eminent social activists etc. Information on the functioning of various clubs and forums are given by the co-ordinators in the orientation programme held at the beginning of the year for the first year degree students and they are encouraged to join in at least one of them.

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

Through feedback system, the institution evaluates the overall performance and quality of institution. Feedback is collected from various stakeholders viz, students, parents, staff, alumnae and management. For this appropriate schedules/ questionnaire are prepared and responses are collected and evaluated to assess whether the institution has reached up to the expectation of the stakeholders.

*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*

During the XII<sup>th</sup> plan period the institution has set apart an amount of Rs.300000 for extension activities from UGC grant in aid fund. Apart from this, funds

generated internally and funds from PTA, NSS and Women's welfare fund are also used for extension activities.

The institution fixes the budget and the anticipated programmes to be carried out during the academic year. Each programme is assigned to a member of faculty as co-ordinator.

The co-ordinator constitutes a committee consisting of student and faculty representatives for its execution. After the completion of the programme, an evaluation has been carried out to assess the benefit derived from it.

The major social outreach programmes taken up by the institution are given in Section 3.6.1

### **Impact of the programme**

The extension programmes taken up by the institution helped the students to :

- Develop ethical values, commitments to society, dedication and confidence among students.
- Provide an opportunity to participate in the development of nation.
- Extend support to the society.
- Create a feeling of togetherness and team spirit.
- Develop leadership quality.
- Create commitment and social responsibility.
- Enhance competence and adaptability.
- Develop life skills, decision making and problem solving capacity.
- Respond on social issues.

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

The university has recognized the significance of extension activities and efforts are made to integrate it into curriculum through CSS and NSS. In order to enhance the participation of faculty and students in extension activities, the institution conducts seminars, talks, etc. Special care is taken to appreciate the co-ordinators and members of the Committees in the college council, staff



meeting and PTA meeting. The various extension activities taken up by the college are given in section 3.6.1.

*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?*

The institution conducts social surveys to identify the problems of vulnerable sections of the society. Studies are also conducted on the social problems and issues. Arts and Commerce students are encouraged to take up projects which have social implications. During the last 5 years Commerce Department had conducted 3 social surveys on marginalized sections of the society as part of their extension activities. The survey reveals that depravity is reflected in the health, mobility, economic conditions and education. Follow up programmes were also taken up by the department based on the result of the survey.

English department conducted two social surveys. One is a study of how the life and culture of the people living in the vicinity of the river Nila is inextricably bound with the fate of the river. The project describes the depletion of the river Nila and the changes that has happened to the river in the last ten years. This project does not provide any complete history of Nila from the distant past, but it overviews almost all the aspects of the past and present condition of the river- social, economic, environmental and cultural aspects. The study is informative, factual and genuine because it is based on interview, survey, interaction and spot detailing by a group. Other important personalities share their knowledge about the river. Their second survey is on River Bhavani in Attappadi. Bhavani River, is a tributary of the River Cauvery originating from the South West Corner of the Nilgiri hills of the Western Ghats in Tamil Nadu states. It enters Kerala through Palakkad district between two high forested ridges about 20 kms up to Mukkali, after the abrupt turn in the northeast direction through a totally degraded and denuded catchment about 25 km where the whole population of the Attappady valley lies upto Koodappatti.

Attappady Reserve Forest is a protected well known prominent forest area in Palakkad district of Kerala. Attappady has many tribal groups include Irular,

Mudugar and Kurumbar has own rich culture and tradition that go beyond the Vedic times. The project conducted by the students was intended to find out the reasons for the water scarcity in these tribal areas, and the possible solutions for the problem. Illegal sand mining, irrigation for agricultural lands (especially banana plantations). The students identified other reasons like change in the land pattern, deforestation, misuse and over exploitation of the river as the reasons for the destruction of river Bhavani in Attapadi region. The students also suggested methods for the rejuvenation of the river by afforestation, rain water harvesting, strict legal control over sand mining and industrial and agricultural water exploitation, awareness programmes for the settlers etc. Extension activities were organised for the past three years in socio-centric subject areas.

The department of chemistry had organised extension programs on water analysis. The water samples from bore wells and open wells were tested for their quality parameters. An awareness program on clean water was conducted for both the students and the local people. The program “was entitled “Green water, Clean water “ in which an environmental activist delivered an awareness lecture for the public.

*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.*

The extension activities conducted by the institution have a positive impact on the academic and social life of students. These programmes have succeeded in:

- Bringing about attitudinal changes among the students towards society.
- Equipping students to prepare reports and to get an idea about how to convert findings of the study to the benefit of the society.
- Providing experience on how to organize and manage activities and how to move as a group.
- Creating awareness about various social issues and how to deal with such issues.
- Providing training in the preparation of schedules/questionnaires for a survey.

- Helping them to develop research aptitude.
- Creating social commitment, team spirit and co-operation.

These activities helped the students to get an insight in to value based education, need based activity, social evils of the society and the need to develop a holistic approach towards community.

*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 main aim of the social outreach programmes is to make meaningful contributions to the society. To achieve this aim, participation of the local community with which students interact is to be ensured. The institution always maintains association with the target group of various extension activities. The NSS units of this college have taken up various socially oriented activities like environment related, participation of the community is needed. The institution also keeps contact with local self-government and NGOs in their efforts to social development. The local self-government, NGOs and target groups are involved in the planning and implementation of programmes.

*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.*

Most of the departments of the institution co-ordinates with various organizations as part of their extension activities. The department of Commerce co-ordinates with Kudumbashree in Palakkad district in their social survey. They also impart training on accounting to Kudumbashree neighbourhood groups. During demonetization period, the department in collaboration with SBI, Ottapalam, tried to popularize the e-banking through buddy, mobile wallet, etc.

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.

### **Awards**

The achievements of the students under NSS are given in Table 3.18

**Table 3.18**

**Achievements of the students under NSS**

Name	Department	Achievement
Prathibha.K.P.	Chemistry	<ul style="list-style-type: none"><li>• Participation in RD Camp at Delhi</li><li>• Participated in South zone Pre- RD camp at Trichi</li></ul>
Vimala.C.	Chemistry	Participated in National Integration camp at Chitkara University, Buddy,H.P
Nithin K.P	Mathematics	Participated in National Integration camp at St.Michel College, Cherthala

### **3.7 Collaboration**

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

The collaboration with higher education centres/Universities and research laboratories aims at academic excellence through sharing of expertise, technology and infrastructure. The faculty collaborates with them while involving research or function as research guides in other institutions, present papers or invited as resource person in seminars hosted by them. The seminars hosted by us also provide a platform for academic interaction and sharing of expertise leading to collaboration with other institutions. Some of the institutions that the faculty is doing research are CUSAT, Calicut University, MG University, Kerala University and Bharathiar University. The institution

also collaborate with various laboratories and organizations for the project work of UG and PG students.

The faculty collaborating with other institutions as:

- Research guides in other research guides.
- Resource persons for seminars/workshops and conferences.
- Consultant for research methodology.
- Resource person.
- Member in the Board of studies, Academic council, etc.

The departments collaborate with the following institutions for academic activities:

- District Industries Centre, Palakkad.
- State Bank of India, Ottapalam.
- State Bank of Hyderabad, Thrissur.
- Taluk Industrial Office, Ottapalam.
- Vimala College, ST. Thomas College, Thrissur.
- ST. Joseph's College, Irinjalakuda.
- MA College, Kothamangalam.

*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 various faculty, departments and clubs in the college enter into collaboration agreements for sharing expertise, for discharging social responsibility and for enrichment of academic aspects. Some of these are shown in the following table:

**Table 3.19  
Details of Consultancy**

Department	Name of the faculty	Status
Commerce	Dr.P.Vasanthakumari	<ul style="list-style-type: none"> <li>• Visiting faculty at Calicut university MBA Extension centre, Thrissur</li> <li>• PSC Question Paper Setter</li> <li>• Question Paper Setter, Pondicherry Central University</li> <li>• Chairman, Question Paper Scrutiny Board, Kerala University</li> <li>• Question Paper Setter, Kannur University.</li> <li>• Question Paper Setter, Vimala College, Thrissur.</li> <li>• Question Paper Setter, St. Thomas College, Thrissur.</li> <li>• Question Paper Setter, Mar Ivanious College.</li> <li>• Question Paper Setter, SH College, Thevara</li> </ul>
Physics	Dr.K.N.Sreekanthan	<ul style="list-style-type: none"> <li>• Question paper setter, Kannur University</li> </ul>
	Mrs.Nayana.K.	<ul style="list-style-type: none"> <li>• Question Paper setter. Kannur University</li> </ul>
	Mrs.Manju.B.L.	<ul style="list-style-type: none"> <li>• Question Paper setter SB College, Changanacherry</li> </ul>
Malayalam	Dr.A.N.Krishnan	<ul style="list-style-type: none"> <li>• Approved subject expert of Kerala kalamandalam.</li> </ul>
	Dr.E.M.Suraja	<ul style="list-style-type: none"> <li>• Question paper setter, Christ College, Iringalakuda.</li> </ul>
Economics	Dr.Maya.C.Pillai	<ul style="list-style-type: none"> <li>• PSC Question paper setter.</li> <li>• Question paper setter, Farook College, Calicut.</li> </ul>
Hindi	Dr.Sajeev.K	<ul style="list-style-type: none"> <li>• Doctoral committee member of University of Calicut.</li> </ul>

1. Dr. Vasanthakumari. P has an MOU with Ernst and Young, Delhi and Mumbai for research projects.
2. Dr. Vasanthakumari. P has collaboration with QT Analytics, an organisation for Research and Training, Delhi.

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

The linkages and collaborations contributed towards enrichment of research, publications, and consultancy, extension and student placements.

#### **Research and Publications**

Collaborations have fostered a research culture in the college. It assists the departments to conduct research oriented seminars and conferences. The students get opportunities to do their project work in various organizations. Many teachers have participated as resource persons/paper presenter in academic conferences.

#### **Internship**

The students of the department of physics and commerce are benefitted from the collaboration of the college with other institutions which offer facilities to do the projects of students

#### **Students Placements**

The organizations with which the institution has collaborations have recruited our students to the organization. The Federal Bank, TCS, Vijaya Bank and KPMG visited our college for campus placement.

*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 details of researchers and academics who visited the campus are given in 3.1.8. The eminent personalities other than academics are given below.

- Mr. T.J Jose (Regional Manager, SBI Palakkad)
- Mr. Padmajan T (AGM, RASMEC, SBI Palakkad)
- Mr. Sreekumar P (Manager State Bank of Hyderabad, Erode, Tamil Nadu)
- Mr.Padmakumar T A ( Former Secretary, DTPC, Palakkad)
- Mr.T K Jayakumar (Special Officer, DTPC Palakkad)
- Mr. Ramesh(Manager, SBI PBB, Ottapalam)
- Mr. Gopakumar P.B (CentreManager, T.I.M.E, Thrissur)
- Mr. Basheer. P.A. (Assistant District Industries Officer, Ottapalam)
- Mrs. M.V Bhageerathi(MD, Amrutham Food Products)
- Mr. Jhony.T. T (Officer, Industries Extension Centre, Palakkad)
- Mrs. K . Chinnamalu (Deputy Registrar, DIC, Palakkad)
- Mrs. Vanaja T K (Senior Co-operative Inspector, Taluk Industrial Office, Ottapalam)
- Mr. T.M Sanakaran (Marketing Manager, HANTEX)
- Mr. Devidas (Marketing Manager, SBI, Palakkad)
- Mr. Venugopalan R (SBI Trainer)
- Mrs. Lino George (Industrial Officer, Taluk Industrial Office, Ottapalam)
- Mr. Sethumadhavan P (DIET, Ernakulam)
- Mr. Vahab (Senior Head, T.I.M.E Palakkad)
- Mr. Sreekanth (Senior Head, T.I.M.E Palakkad)
- Naval Ambavkar Engineer, Trainer from robokart.com

*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 linkages of the department with other institutes are given in 3.7.4. Details of linkages for projects are given below:



**Table 3.20**  
**Linkages of departments with other institutes**

Department	Organisation
Commerce	<ul style="list-style-type: none"><li>• QT Analytics, Delhi</li><li>• Ernst and Young, Delhi and Mumbai</li><li>• Vimala College, Thrissur</li><li>• MA College, Kothamangalam</li><li>• St. Joseph's College, Iringalakkuda</li><li>• St. Thomas College, Thrissur</li><li>• SN College, Shornur</li></ul>
Physics	<ul style="list-style-type: none"><li>• St. Thomas College, Thrissur</li><li>• Government College, Chittur</li><li>• IETE, Palakkad</li><li>• BSNL, Malapuram</li><li>• IIST, Trivandrum</li><li>• Instrumentation Ltd, Palakkad</li></ul>

The details of Linkages for students projects with industries are given in table 3.20.

**Table 3.21**  
**Details of Industry Linkages for student's projects**

Department	Industry
Commerce	<ul style="list-style-type: none"> <li>• Indus motors Pvt Ltd, Ottapalam</li> <li>• Sealtars, Palakkad</li> <li>• Prema Industries, Manisseri</li> <li>• BPL Telecom Pvt Ltd, Palakkad</li> <li>• United Industries, Arani</li> <li>• Anugraha Aluminium Crafts, Kuthayur, Vaniyamkulam</li> <li>• SDF Industries Ltd, Thiruvilwamala</li> <li>• BPL Telecom Pvt Ltd, Palakkad</li> <li>• AFSAN food products Pvt Ltd, Kavasseri, Alathur, Palakkad</li> <li>• Shornur Agri Tools</li> <li>• Sree Narayanan Engineering Industries Pvt Ltd, Shornur</li> <li>• South India Metal Co., Shornur</li> <li>• Keraleeya Ayurveda Samagam, Shornur</li> <li>• Metal Industries Ltd, Shornur, Palakkad</li> <li>• Instrumentation Ltd, Palakkad</li> <li>• Ideal Crumb Rubber Factory, Mannarkad, Palakkad</li> <li>• Hyness Products Pvt Ltd, Kannambra, Palakkad</li> <li>• Steel Industries Kerala Ltd Foundry Unit, Palappuram, Ottapalam</li> </ul>
Physics	<ul style="list-style-type: none"> <li>• Keltron, Kuttipuram</li> <li>• IETE, Palakkad</li> <li>• BSNL, Malapuram</li> <li>• Agricultural University, Mannuthi.</li> <li>• IIST, Trivandrum</li> <li>• Instrumentation LTD, Palakkad</li> <li>• IRTC, Mundur</li> </ul>

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

Linkages and collaboration are essential in enhancing the quality of education and keeping the institution at global level. The management has a positive attitude towards this. To create more linkages and collaborations, faculty members are motivated to:

- Take up consultancy and research projects.
- Encourage students to take up projects in various organizations.
- Take up doctoral research/guide ships.
- Conduct more seminars and workshops.
- Take membership in various organizations.
- Take up more extension activities.

### **Future Plans**

- ✓ Set up research centres in the institution.
- ✓ Faculty shall be motivated to take up more research projects especially major projects.
- ✓ Publish research journal 'Vistas' with ISSN No.
- ✓ Motivate faculty to take up paid consultancy.
- ✓ Promote more collaboration and linkages.
- ✓ Maintain rapport with reputed research institutions and organizations.
- ✓ Motivate faculty members to take up doctoral research guide ship.
- ✓ Encourage faculty to take up more extension activities at institutional and individual levels.
- ✓ Motivate the teachers to take up post-doctoral research

## **CRITERION – IV**

### **INFRASTRUCTURE AND LEARNING RESOURCES**

#### **4.1 Physical Facilities**

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

Need, durability, utility, and financial availability are the factors which guide the policy of the institution for creation and enhancement of infrastructure that facilitate effective teaching and learning. Central to the infrastructural planning is the need to facilitate, support and enhance the teaching-learning process.

Some of the class rooms are ICT enabled and teachers and students use this technology for effective teaching and learning process. The old black boards in classrooms have been replaced with green boards and white boards.

Classroom furniture is long lasting. Desks and benches are available in UG classrooms that can seat more than four students. Single chairs with attached writing blocks or tables and chairs are available in PG classrooms. And laboratories have appropriate furniture that to cater the need. Thus the main parameter while planning the infrastructural need of the college is varying needs.

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

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

N.S.S. College, Ottapalam-3 is an arts and science college that also has B.Com and M.Com courses. We have an eco-friendly green campus surrounded by lush green endangered trees. The college has 40 class rooms. The class rooms are spacious, ventilated and are furnished with lights and fans.

Some of the PG classrooms are technology enabled. Each department has a computer and LCD projector. Teachers and students make use of the ICT to

make teaching and learning effective. We have a garden in front of the college and a botanical garden near to the Botany laboratory.

We have a seminar hall equipped with ICT provisions and a sound system. A touch board is also equipped along with the ICT equipments. Besides this we have an Annexure hall which is used for conducting examinations

We have a Generator (Kirloskar make) with a capacity of 75 KV. When a power failure comes, it can light up the whole college and hostel. It was installed in 2010. The funding for the same was received from UGC.

We do not have a separate tutorial space. The tutorial classes are conducted in the main class rooms, after regular class hours. The first Monday of every month is assigned for tutorial.

To cater the need of drinking water during summer two rain water harvesting reservoirs are in college campus and one in Ladies hostel.

At present there are 14 laboratories to cater to the need of UG and PG Science students. They are well equipped and constant additions are made in accordance with the changing needs. Some of the laboratories have ICT facilities.

**Physics:** The department is provided with 3 laboratories that include one B.Sc. laboratory, one M.Sc. laboratory, and one Computer lab.

**Chemistry:** The department is provided with 3 laboratories that include one Chemistry laboratory, one Industrial Chemistry laboratory, and one Physical Chemistry (Research Lab) where research projects are being carried out.

**Zoology:** The department is provided with one laboratory. The items of laboratory equipment include microscopes, autoclave, water bath, magnetic stirrer, centrifuge, incubator, electronic balance, and so on.

Zoology department has a magnificent museum with a fascinating collection of over 500 specimens.

**Botany:** The department is provided with 2 laboratories that include one Main laboratory and one subsidiary laboratory. The department also maintains a Botanical garden.

**Computer Science:** The department has 3 laboratories that include one B.Sc. Main laboratory, one B.Sc. Subsidiary laboratory, and one M.Sc. laboratory.

**Electronics:** The department has one laboratory exclusively for the B.Sc. Computer Science students.

**Common Computer Lab:** Besides the computer labs, college has a common lab which is equipped with Internet facility and Language Lab facility. The funding for the same was done by UGC.

**Table 4.1**

**List of major equipment purchased during the year 2011-2016**

Sl.No	Equipment purchased	Amount
<b>COMPUTER SCIENCE</b>		
1	Computer and accessories	986710
<b>PHYSICS</b>		
1	Newton's Ring Apparatus	14660
2	Band Gap of PN Junction	3000
3	Viscosity Oscillating Disc	2600
4	Electromagnet with Soft Iron Core	3118
5	RF Oscillator for Ultrasonic Experiment	6650
6	Function Generator(15)	142825
7	IC Trainer Kit(4)	18420
8	Hysteresis Loss by CRO	12420
9	Digital Electronics Kit(5)	12000
10	CRO(4)	69824
11	High Power Oscillator With Quartz Crystal	6600
12	Optical Fiber Laser Apparatus	11000
<b>CHEMISTRY</b>		
1.	Muffle Furnace	40000
2.	Hot Air Oven(4)	65000
3.	Heating Mantle(4)	40000
4.	Magnetic Stirrer(5)	60000
5.	Water bath shaker(2)	15000
6.	Digital pH meter(2)	36000

7.	Sonicator	40000
9	Rotary Evaporator	100000
10	Digital Conductivity meter	15000
11	Visible Spectro photometer	95500
12	UV Chamber(2)	20000
13	pH meter	9000
<b>ELECTRONICS</b>		
1	Cathode Ray Oscilloscope	19000
2	8085 Microprocessor kit(3)	19950
3	DC power supply (0-30V) (3)	12000
4	Function Generator	8000
5	Cathode Ray Oscilloscope	16500
6	6-0-6V Transfer (25 )	2500
<b>BOTANY</b>		
1	Digital pH meter	3981
2	Student microscope	4007
3	Soxhlet apparatus	2153
4	Student microscope with fixed condenser	4800
5	Micropipette (variable)	6974
<b>ZOOLOGY</b>		
1	Analytical electronic balance	5000
2	Centrifuge electrical	15000
3	Calorimeter	25000
4	Digital pH meter	3981
5	Electronic digital balance	5000
6	Stereoscope microscope	65000

The college has a digital display board in the front area to display the current activities in college. It has numerous notice boards as well. A First-Aid box is

available in the college office, which keeps stock of some basic medicines. In case of emergency the patient will be taken to hospitals at Ottapalam

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

N.S.S. College, Ottapalam has facilities for sports ranging from foot ball, volleyball, ball badminton, and shuttle badminton. The college has sports teams and the college participates in the following events: Athletics, Foot Ball, Ball Badminton, Shuttle Badminton, and Volley Ball.

To cater the need of the students the college has a good Foot Ball court cum athletic track, a Volley Ball court, a Ball Badminton court, and a Shuttle Badminton court. The Physical education department has tie up with C.S.N Indoor stadium, Ottapalam, where our shuttle badminton team goes for practice.

**Table 4.2**

**Details of Infrastructure for sports**

Sl.No.	Infrastructure	Area
1	Football field	100 m X 70 m
2	Athletic Track	200 m
3	Volleyball Court	18m x 9 m
4	Outdoor Shuttle Court	13.4m x 6.1m
5	Handball court	40m x 20m
6	Basket Ball court	26m x 15m
7	Fitness centre	20 m x 15 m x 10m



The open air auditorium inside the quadrangle can accommodate the whole college. The main attraction of the open air auditorium is the big shadow trees; especially mango trees. The famous Malayalam poet, Late Sri. O.N.V. Kurup has named the auditorium **Amrakunjam**. The auditorium has hosted dignitaries and artists, scholars and writers. It also provides a platform for students to explore their creative potential.

There are two NSS units (No. 36 and No.94) in the college functioning under the guidance of two programme officers. Funding for the activities of NSS is provided by the University. College receives fund for regular work and special camp every year. NSS has a separate office room to store their records, files and tools and accessories.

The skill of public speaking is ceaselessly honed through various activities and competitions. The students are entrusted with the responsibility of compeering, introducing the guests, or proposing the vote of thanks for various programmes. The College Arts Festival, College day etc give a chance to the student for public speaking. In the election to the students union the oratorical skill of the candidate defines success to some extent.

*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 for the Institution/campus and indicate the existing physical infrastructure and the future planned expansions if any)*

The expansion of infrastructure is planned and executed by the Planning Board and UGC Purchase Committee. The need for expansion is discussed at the College Council, Planning Board and Management level, and the resolution regarding the same are made. Funds for such developments are met through UGC grants, management, and PTA.

There is a need for more classrooms with the sanctioning of new courses. During the last five years, the Institution has witnessed some infrastructure

addition. The total amount spent during the last five years and the major infrastructure developed during that period is given below.

**Table 4.3**

**Total amount spent for Infrastructure during the last four years**

Sl. No.	Year	Major Infrastructure developed	Area	Fund	Amount Spent in Rs.
1	2012-13	History Block	304.712 Sq.m	UGC XI Plan	12,50,000
				Management	18,34,496
2	2013-14	Ladies Wash Room	17.87Sq.m	UGC XI Plan	2,00,000
3	2015-16	Re-construction Ladies Wash Room	117.27 Sq.m	UGC XII Plan	2,00,000
				PTA	36,000
4	2015-16	Renovation of roofing of the main building	--	Management	80,00,000
5	2016-17	CCTV	--	UGC XII Plan	19,500
		Language Lab (Learnsoft)	--	UGC XII Plan	1,26,000
		Water Purifier (RVUV)	--	UGC XII Plan	22,800
<b>Total</b>					<b>1,16,88,796</b>

For the Master Plan of the Institution please refer the campus map

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

- Ramp has been constructed at two places.
- Class Rooms are allocated in the ground floor keeping in mind the needs of differently-abled students, and even time-tables are often changed accordingly.

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

- **Hostel Facility – Accommodation available**

Yes, Hostel facility is available for girl students only. We have a double storey Hostel building that provides accommodation to 60 students. There are 25 rooms including rooms for deputy warden, and Warden being the Principal. The rooms are shared by four students each. The furniture is regularly repaired and the establishment bears the cost of this. There are several bathrooms on each floor. The bathrooms are kept clean and hygienic. Accommodation is provided for both staff and students who come from distant places.

- **Recreational facilities, gymnasium, yoga center etc.**

The mess hall (common room) with TV facilities is a favourite room of the students. Here they watch television, celebrate festivals like Onam, X's-mas, birthdays, and Hostel day.

- **Computer facility including access to internet in hostel**

None

- **Facilities for medical emergencies**

There is a First-Aid box which keeps stock of some basic medicines. In case of emergency the patient will be taken to hospitals at Ottapalam

- **Library facility in the hostels**

There is a reading area in the front of the hostel which is used as a reading room by students. It is particularly useful to those residents who wish to study away from the hustle and bustle of the Residence rooms. During exam time students use the common room. National Dailies and magazines related to current general knowledge and entertainment are the favourite of the students.

- **Internet and Wi-Fi facility**

None

- **Recreational facility – common room with audio-visual equipments** Common room (Mess Hall) is equipped with a TV. Here

they watch television, celebrate festivals like Onam, X's-mas and birthdays, and Hostel day.

- **Available residential facility for the staff and occupancy**

Residential facility is available for the Deputy Warden of the Hostel. Some of the ladies staff members also makes use of this facility. Others are residing within a radius of 5 kilometers.

- **Constant supply of safe drinking water**

There is constant supply of safe drinking water. We have a well within the hostel campus. In addition to that we have one well, three tanks, and a municipal water connection.

- **Security**

24 hours security is provided at the Hostel. College also has two security personnel provided by a professional security agency.

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

Our campus is an eco-friendly green campus surrounded by lush green endangered trees. The greenery in the campus creates vast reserves of oxygen on campus in day times. The construction of the building is in such a way that it lets fresh air in.

The campus is maintained clean throughout the day by two lady cleaning staff. The garbage is systematically removed, and segregated. Class rooms and all other spaces are cleaned routinely. Corridors and other thoroughfares are cleaned round the day. The campus is white washed periodically. There is rain water harvesting system in the campus. Drinking water taps are placed at various points.

The college has worked out arrangements to rush any emergencies to the neighbouring hospitalsthat are all very well equipped. The phone numbers of all the neighbouring hospitals are kept with the Office Superintendent.

The College union regularly arranges camps like eye care camp, Blood group checking camp, and organ donation camp. We believe that a healthy body houses a healthy mind.

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

IQAC is functioning at a room near the Physics Department. Prof. Manju B.L. of Physics department is the co-ordinator. The room is equipped with two computers, one printer, and an internet connection.

Besides the College level Grievance Redressal Unit which is headed by the Principal, each department has its own Grievance Redressal unit with HOD as the co-ordinator.

The Career Guidance and Placement Cell of the college is Co-ordinated by Prof. Priyesh K.G of Computer Science Department and Entry to Services by Dr.P.Vasanthakumari, HOD of Commerce Department.Placement Cell takes initiative to send the students to various job fairs and campus placements. This cell regularly conducts Bank Recruitment coaching, Civil Service coaching, and Personality Development Training, GD, Mock interviews Every year more than 25 students from various streams are getting placed.

The Physical Education department is equipped with Tread Mill, Elliptical Trainer, and a weighing machine. Students and staff members use these facilities.The college has Badminton court, volleyball court, Football field, athletic track, outdoor shuttle court, Handball court, fitness centre etc,

We have a Canteen inside the Campus. Homely food are available here. Every year we invite quotation for the running of the Canteen. The person quoting lowest rates for food items will be authorized to run the canteen.

There is constant supply of safe drinking water. We have two wells and three tanks. In addition to that we have a municipal water connection. A water purifier (RO+UV) with 20 Ltrs. storage capacity which works on Reverse Osmosis.

The open-air auditorium inside the quadrangle can accommodate the whole college. The main attraction of the open air auditorium is the big shadow trees; especially mango trees. The auditorium was named **Amrakunjam** by the famous Malayalam poet Late Sri. O.N.V. Kurup. The auditorium has hosted dignitaries and artists, scholars and writers. It also provides a platform for students to explore their creative potential.

#### **4.2 Library as a Learning Resource**

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

N.S.S. College, Ottapalam has a library committee comprising of the Principal as Chairperson aided by a Convenor, usually a senior faculty member and the Librarian serves as Secretary of the committee. Each department is represented by one member being on this committee for an academic term or more. Library utilizes funds from PD a/c and UGC a/c for purchasing books. The Planning Board, UGC Purchase committee and College Council allocates funds to each department for the purchase of books. The department suggests names of books and journals to be purchased and provides a list to the library.

The library committee meets regularly to engage with all the issues related to student requirements from the library and make the process and operations of the library most student friendly.

The faculty members on the Committee play an important role in coordinating the Library Orientation for the new entrants. This enables the Librarian and the Library Staff to meet student batches and introduce them to the easiest means of accessing the on-line resources provided by the college library and as well as the books on the shelves.

*4.2.2 Provide details of the following*

- Total area of the library      **378.98 Sq.M**
- Total seating capacity      **50**  
Working hours (on working days, on holidays, before examination days, during examination days, during vacation - **9:30. a.m. to 4:30. p.m.**)
- Layout of the library (individual reading carrels. Lounge area for browsing and relaxed reading, IT zone for accessing e-resources)

The library is located in a separate building adjacent to the main building. It is a major learning resource and has a vast collection of books, periodicals, magazines, and digital resources. Most of the PG departments have their own library. All the functioning of the library is automated. The main hall of the library consists of the major body of books arranged on racks. Digital library and reference sections are opposite to the main hall of the library. The reading room is arranged to the right of the main entrance of library.

The digital library was set up in the year 2010 from the local area development fund of the then Honorable MLA Sri. M. Hamsa, who was a former student of this institution.

*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.*

**Books:**

The college council allocates funds to each department for the purchase of books. The department as per the requirements in curriculum suggests names of books and provides a list to the library. The college office invites quotation and issue purchase orders. Multiple copies of books high in demand are also procured from time to time.

**Journals:**

Journals and Magazines are procured and maintained in the Library for the students and faculty. The department suggests names of journals to be

purchased and provides a list to the library. New titles can be added by the approval of Principal.

**E-resources:**

Digital library with internet access is provided to all students. The library has access to advanced web activity with its subscription to INFLIBNET consortium. Every faculty member and student has N-List password to access the journals listed in the consortia.

**Table 4.4**  
**Details of library holding and its costs**

Library holdings	2011-12		2012-13		2013-14		2014-15		2015-16	
	Number	Total Coast Rs.	Number	Total Coast Rs.	Number	Total Coast Rs.	Number	Total Coast Rs.	Number	Total Coast Rs.
Text books & Reference Books	46931	3861831	47152	3919927	48314	4297204	48603	43458	48618	4357447
Journals/ Periodicals	18	15000	18	15000	23	15000	23	14417	23	14417
e-resources	N-List	5000	N-List	5000	N-List	5000	N-List	5000	N-List	5000
Any other (CD)	53		58		74		89		89	
Any other (e-Books)	-		30		50		50		50	



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

- OPAC  
One system for reader access
- Electronic Resource Management package for e-journals  
Subscribes N-list
- Federated searching tools to search articles in multiple databases  
None
- Library Website  
College has a Digital Library Website.
- In-house / remote access to e-publications  
N-list
- Library automation  
Fully automated
- Total number of computers for public access  
Ten
- Total number of printers for public access  
Nil
- Internet band width / speed  
2Mbps
- Institutional Repository  
No
- Content management system for e-learning  
No
- Participation in Resource sharing networks / consortia (like Inflibnet)  
N-list

1.2.5 Provide details on the following items

**Table 4.5**  
**Usage of library by the students**

Sl. No.	Particulars	Usage
1	Average number of walks- ins	100 - 200 approx per day and 50 – 100 approx per day during examinations
2	Average number of books issued/returned	50 – 60 approx per day
3	Ratio of Library books to students enrolled	1-30 Books
4	Average number of books added during last three years	300 approx
5	Average number of login to opac (OPAC)	20 approx
6	Average number of Login to E-Resources	10 approx per day
7	Average number of e-resources downloaded / printed	20 approx downloaded per day
8	Number of information literacy trainings organised	One library orientation every year
9	Details of “weeding out” of books and other materials	20-25 per year

**1.2.6 Give details of the specialised services provided by the Library**

**Table 4.6**

**Details of the specialised services provided by the Library**

Sl. No.	Particulars	Services
1	Manuscripts	Nil
2	Reference	On demand
3	Reprography	No provisions for reprography
4	IIL (Inter Library Loan Service)	Nil
5	Information deployment and notification	Time to Time
6	Download	On demand
7	Printing	NIL
8	Reading list / Bibliography compilation	On demand
9	In- house / remote access to e-resources	N-list
10	User Orientation and awareness	Every year
11	Assistance in searching Databases	100 percent
12	INFLIBNET / IUC facilities	N-list

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

Even though most of the functions and services of the library are computerized; there is technically trained staff to help the faculty and students.

Queries about the organization of the library resources, the use of the Online Public Access Catalogue, accessing electronic resources and technology in the library are answered by the library staff.

Textbooks for all disciplines are centrally managed and kept in the library to facilitate the need of students. Library provides reference services. Students can

read their personal books in the Reading Hall of the Library. Issue and return services are located at the main entrance of the library.

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

We extend special attention to differently abled persons. Ramp is constructed for free movement to library for Physically challenged students. Visually challenged students are provided with help for selecting required books by the library staff.

*4.2.9 Does the library get the feedback from its users? If yes, how is it analyzed and used for improving the library services. (What strategies are analyzed and used for further improvement of the library services?)*

Students feedback is collected annually and it is analysed and suggestions are incorporated for improving library service.

### **4.3 IT Infrastructure**

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

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

We have 151 Computers.

**Table 4.7**

**Details of Computing facility available (Hardware)**

<b>Configuration</b>	<b>Number</b>
Intel Core i3, 4 GB RAM, 500GB HDD, DVD Writer, 18.5" Monitor, Multimedia Keyboard, Optical Mouse, Cabinet	44
Intel Pentium Dual Core, 2 GB RAM, 500GB HDD, DVD Writer, LCD Monitor, Multimedia Keyboard, Optical Mouse, Cabinet	107

- Computer-student ratio  
1:12
- Stand alone facility  
Most of the Computer systems are stand alone.
- LAN facility  
LAN facility is available in the library and at the administrative office.
- Wi-Fi facility  
Wi-Fi facility is available in Computer labs and Administrative office.  
Wi-Fi is restricted to students.
- Licensed software  
We use licensed software in office. The curriculum contains open source.
- Number of nodes / computers with Internet facility  
The college has 29 computers with internet facility
- Any other  
The common computer lab is upgraded to a Language lab. It has 24 consoles that offer students an opportunity for training in language learning.

*4.3.2 Details on the computer and internet facility made available to faculty and students on the campus and off campus?*

Each department has one system with internet facility that is available for the faculty and students there. The computer science department provides 5 systems with internet facility at their main lab for staff and students of all streams. We have two browsing centers, one at the library and other at the common computer laboratory. The library provides 5 systems with internet facility for the students and the common computer lab of the college has 5 systems with internet facility.

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

The IT upgradation of the College is done at three levels: administration, knowledge mobilization and as an aid to the teaching-learning process.

The objective of the Institution is to achieve global standards by providing the best of IT infrastructure to enhance academic excellence. Following a requirement at the Department, College levels, the need for expansion is discussed at the college council, planning board and Management level, and the resolution regarding the same are made. Funds for such developments are met through UGC grants, management, and PTA.

The last five years have witnessed a remarkable enhancement in the use of technology. Internet connection is made available to all Departments. There is an Optic fibre high speed internet connection. The Office is completely automated. Admission, assessment, and all other matters related to administration are executed with the help of technology. The library, as a learning resource, makes maximum use of technology. The Departments are provided with computers and internet facility. Almost all the final UG and PG classrooms are ICT enabled. In order to meet the challenges of the future requirements of the syllabus and introduction of new courses, the IT infrastructure is upgraded.

Students are encouraged to make use of technology to access resources, submit assignments and do projects. The future plans are to make all the classrooms ICT enabled.

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

**Table 4.8**

**Estimated and actual expenditure on maintenance**

Year	Mintenance		Maintenance (Rs.)
	Budget	Actual	
2012-13	75000	62590	62590
2013-14	7500	5000	5000
2014-15	5000	-	-
2015-16	55000	60000	60000
2016-17	7500	5000	5000

*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?*

The University curriculum is structured in such a way that it increasingly uses the ICT facilities. All the UG and PG programmes offered by the college include projects, seminars and assignments. The students are expected to make maximum use of technology in the preparation of these projects, seminar presentations and assignments. Students browse internet to access journal archives and collect study materials. Paper presentations are made by preparing power point presentations and utilizing the ICT facilities. Almost all the final UG and PG classes have been upgraded with ICT facilities. As per the requirement of the syllabi the Institution provides opportunity for the faculty to develop computer aided teaching. The College has provided ICT facility in all the Departments.

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

The Institution has been increasingly foregrounding the importance of the learner in the teaching learning process. The conventional approach of the teacher at the centre of teaching-learning has gradually been replaced by the student at the centre of teaching-learning and renders the role of a facilitator for the teacher. The integration of technology into the teaching learning process has served to expedite the shift from the teacher to the learner as the centre.

The other aspects that have augmented the paradigm shift are: The easy access to information technology has made students less dependent on the teacher. The teacher only facilitates the proper target search for such materials. The teacher is no longer the sole authority on a subject. Students are given the privilege of interacting with other subject experts and resource persons whose visits are arranged by the Department concerned. Seminar presentation of given topics is

now formally introduced as part of the University curriculum. The centrality of the library and augmentation of the library service makes the students increasingly independent.

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

No. The Institution is keen on becoming a part of the National Knowledge Network and it has been listed as one of the priorities.

#### **4.4 Maintenance of Campus Facility**

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

**Table 4.9**  
**Details of maintenance of campus facility**

<b>Item</b>	<b>2012-13 (Rs.)</b>	<b>2013-14 (Rs.)</b>	<b>2014-15 (Rs.)</b>	<b>2015-16 (Rs.)</b>	<b>2016-17 (Rs.)</b>
Building	--	--	445833	--	379007
Furniture	44000	--	--	--	17700
Equipment	--	62590	--	--	5000
Computers	--	--	--	--	--
Vehicles	--	--	--	--	--
Any other	15381	113148	57524	66741	141357
<b>Total</b>	<b>59,381</b>	<b>1,75,738</b>	<b>7,57,708</b>	<b>66,741</b>	<b>7,02,364</b>

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

The Institution has an effective mechanism for maintenance and upkeep of the facilities, infrastructure, and equipment. Fund from the Government,



Management, and PTA are allocated for maintenance. The maintenance of computers and accessories within the warranty period is undertaken by the agency that provide the systems. For some systems the facility of Annual Maintenance Contract has been utilized.

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

In all the departments, an annual stock taking and stock verification exercise is carried out. If there is a requirement for up gradation or change, a request is made and action taken. In addition, during the XIth Plan period, an analysis is carried out for enhancement of quality. If newer and better quality instruments are available and there is financial provision for these, the irreparable instruments are replaced. Precision instruments are calibrated with the help of technicians.

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

There is constant supply of safe drinking water. We have two wells and three tanks. In addition to that we have a municipal water connection. There is an uninterrupted supply of power. There is an additional provision of 1 generator with 75 KV, which can light up the whole college and hostel. Stabilizers and UPSs are used to prevent the instruments from voltage fluctuations. ELCBs also are equipped in each computer lab. Care has been taken to earth connect all equipment to prevent a shock hazard. The availability of an electrician and plumber 24x7 in the campus also ensures that all items of equipments are functioning properly, and in case a problem arises it can be attended to promptly. The available infrastructure is optimally used. Additions are made whenever the need arises.

## **CRITERION – V**

### **STUDENT SUPPORT AND PROGRESSION**

#### **1.1 Student Mentoring and Support**

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

Yes. The institution publishes and updates its prospectus and handbook annually. The details included in the hand book are as follows:

- Vision, mission, motto, prayer and brief history of the College.
- Rules of admission and fee structure.
- Courses offered for both UG & PG and elective papers offered by the college.
- Details regarding Departments and faculty members, Non-teaching staff and their contact numbers
- Co-curricular and extracurricular activities.
- Student support and extension activities.
- General code of conduct for students, attendance and leave for students.
- Academic calendar
- Scholarships and Fee concession
- Details of various committees and cells

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

Various types of scholarships/ free ships are made available to all eligible students and its timely disbursement is ensured by the institution.

#### **Scholarships from Government**

- Post Matric Scholarship(PMS)
- Central Sector Scholarship(CSS)
- State Merit Scholarship(SMS)

- District Merit Scholarship(DMS)
- Merit Scholarship to the children of School Teachers(MSCT)
- Hindi Scholarship(SSE)
- Muslim Nadar Girls Scholarship(MNS)
- Sanskrit Scholarship(SSE)
- Suvarna Jubilee Merit Scholarship(SJMS)
- C.H. Muhammedkoya Scholarship(MGS)
- Blind/ PH Scholarship (BPHFC)
- Music Fine Arts Scholarship(MFAS)
- Scholarship for Dependent of Jawans(JS)

**Endowments and awards from other sources**

- Rajalakshmi Endowment
- A.A.DamodaranAsan Endowment
- K.Gopala Panicker Endowment
- V.S.Menon Endowment
- N.Syamaladevi Smaraka Endowment
- Mannathu Padmanabhan Endowment
- K.Gopala Panicker Memorial Prize
- Marath AchuthaMenon Endowment and Rajalakshmi Sammanam
- Kerala Panini Endowment
- Amritavani Endowment
- Tapasya Endowment
- VenuGopalan Endowment
- Student Aid Fund

**Table.5.1**  
**Financial support**

Year	From institution		From other sources		From Government		Number of students received national recognitions	
	Number	Amount	Number	Amount	Number	Amount	Number	Amount
2011 - 2012	3	10000	10	7740	46	52000	9	90,000
2012 - 2013	2	10000	10	30,100	58	108000	7	80,000
2013 – 2014	8	5450	22	27,550	55	50000	--	--
2014 – 2015	8	5450	4	16,400	62	50000	--	--
2015 - 2016	26	15000	13	50,000	688	19,55,766	--	--

In addition to the above in 2010-2011 and 2011-2012, 20 students in each year received Rs.6000/- per year from UGC under the scheme ‘Students belonging to backward area’.

The institution takes all necessary measures to ensure the availability and disbursement of various scholarships and grants implemented by state and central government on time.

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

The Institution ensures the availability of various kinds of scholarships, free ships, and concessions to students. They are broadly of two kinds: Government and College sponsored. The scholarships offered by the College are disbursed to the deserving at the beginning of the first term of the programme.

**Details of scholarships awarded by various agencies during the last five years**  
**Stipends received from Central Government**

- SC - Scheduled Caste
- ST - Scheduled Tribe

- OEC - Other Eligible Community
- SEBC - Socially and Economically Backward Community
- FC-KPCR
- Economically Backward of forward communities can enjoy Educational
- Concession if their parent's annual income does not exceed Rs.1,00000/-for Degree Course
- Study tour grant for SC, ST Students

**Table.5.2**

**Percentage of students receiving financial assistance.**

Year	Percentage
2011 – 2012	33
2012 – 2013	38
2013 – 2014	35
2014 – 2015	38
2015 – 2016	41

**Table.5.3**

**Students receiving financial assistance from government**

**(Category Wise-SC,ST,OBC,OEC,KPCR)**

Class	KPCR		OBC		OEC		SC		ST	
	Number	Amount	Number	Amount	N	Amount	Number	Amount	Number	Amount
I DC	211	3,82,570	147	2,59,890	44	91,335	120	2,13,465	6	12,290
II DC	189	3,35,555	141	2,50,385	48	78,515	113	1,93,775	10	19,565
III DC	122	2,62,630	83	1,58,570	21	48,590	98	1,95,670	3	5,620
I PG	33	96,420	21	63,540	5	17,300	19	55,660	--	--
II PG	36	1,02,660	20	56,500	9	24,465	18	51,330	1	2585

*5.1.4 What are the specific support services / facilities available for SC/ST, OBC and Economically Weaker Sections*

- Special reservation at the rate of 15% and 5% for SC and ST candidates respectively in admission as per the policy of the governments.
- Facilitating students to obtain scholarships and assistance from the State and Central Governments.
- Book bank facility available in the library and in the departments.
- E grant for SC/ST, OEC, OBC students and KPCR for economically weaker forward community students.

*Physically Challenged/Differently abled students*

- Reservation of seats as per government and University norms
- Providing extra time to complete examinations
- Scribe facility for examinations
- Ramp has been made at different places

*Students to participate in various competitions*

- Arranging financial assistance to students in quiz, debates, exhibitions and other competitions.

**Competitions in sports and cultural activities.**

- Financial assistance to students who represent the College in inter-collegiate sports and other competitions.
- Felicitating the winners and achievers through the public-address system of the College.
- By honouring them on merit day/ college day.

*Medical assistance to students: healthcare, health insurance*

- The College has a fitness centre that caters to the health needs both for the students and the staff.

- Special care and diet are provided for students in the hostel during illness as per the advice of the doctor.
- Blood detection camp in collaboration with NSS are regularly held
- A medical camp is arranged every year by Zoology Department.
- In case of emergency students will be taken to nearby hospitals.

***Organizing coaching classes for competitive exams***

- Coaching classes for NET/JRF and competitive examination (2011-12, 2015-16, 2016-17)
- Bank coaching classes are arranged for degree students (2011-12, 2013-14, 2014-15, 2016-17)

***Skill Development***

- Carrier guidance cell and placement arranged programmes on personality development, GD,(2012-13,2015-16,2016-17))
- Mock interviews and grooming sections are conducted (2014-15, 2015-16,2016-17))
- Coordinated student support programmes ASAP, WWS (2014-15,2015-16,2016-17)
- LCD projectors are used for project presentations.
- Finishing school for final year PG students (2015-16, 2016 – 2017)

***Support for slow learners***

- Remedial classes are arranged for needy students. (2011-12,2012-13,2013-14)
- The grievance redressed cell is prompt in finding the solutions.(2011-12)
- Support and guidance are given through regular tutorial meetings.
- Scholar Support Programme (SSP)(2014-15,2015-16,2016-17)

***Exposure of students to other Institutions of higher learning/  
corporate/business houses***

- Educational tours/industrial visits are organized for students which help the students to get exposure to educational institutions .

- For project work final year PG and UG students are guided to different Research institutions like IIST and ISRO in Trivandrum, CUSAT-Cochin, NIT-Calicut, IRTC Mundur and FCRI Kanjikkode etc
- Under WWS programme educational tour to IIT Chennai.

***Publication of Student magazine***

Printed college magazines comprising of annual reports of college union, poetry, short stories ,articles, interviews, features which reflects the creativity of the students and faculty members were published by college union every year Students' Magazines were published by Zoology, Malayalam, English etc.

***Research Journal***

An interdisciplinary journal 'VISTAS' published annually from 2013 onwards

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

- ED club started functioning in the college from 2015-16 onwards. It aims at inculcating entrepreneurship among the students in the institution. It is administered by Commerce department and functioning in collaboration with DIC Palakkad
- Conducted workshops and seminars related to EDP initiated by Commerce department.
- Developed managerial and organizational skills.
- Organized seminars about the various govt. schemes available to entrepreneurs.
- Conducted workshop to develop entrepreneurial skill among students.
- Motivated the students to take up entrepreneurship as a career
- Successful entrepreneurial were invited to college to motivate the students.

*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 college has constituted several clubs and committees for overall development of student community. The college council and members of faculty, prompt students to participate in extracurricular and cocurricular activities and encourage them with all kinds of psychological, physical and financial support.
- The college union has general captain elected through voting to coordinate the sports and games under the guidance of Physical Education Department.
- An active Fine arts club is functioning with a faculty as co-ordinator and elected arts club secretary.
- Participants are accompanied by faculty members for programmes outside the college, if necessary.
- Achievements in sports and cultural activities are announced through the public-address system and students are honored and congratulated in common gatherings.
- Preference is given in admission to outstanding sports students.

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

**2011-2012**

- Crash course has been given to students for winning competitive examinations.
- Infrastructure facility including books on competitive examination provided in labs and libraries
- Reprographic facilities enhanced

**2012-2013**

- Coaching given for Bank test, UPSC, PSC etc.

**2013-2014**

- Coaching classes for Bank test, UPSC, SSC etc. were conducted
- Programmes on personality development and communication skills were arranged
- Coaching for NET/JRF were given to students in arts and science stream separately

**2014-2015**

**Coaching for entry in services**

- UGC financial assistance for “coaching for entry in services” availed and conducted the coaching for Bank, Railway and PSC test.
- The students of each class are given an introducing class and bridge course to make aware of the prospectus of the course. Career guidance cell.
- Programmes on personality development and communication skills were arranged with the help of competent persons.
- Programmes were organized for final year UG students. They were made aware of the various career options available.

**2015-2016**

**Library and internet facilities**

Reference materials for GMAT, CAT, GRE, GATE, PSC, UPSC examinations

**Coaching for entry in services**

Coaching for Bank, Railway and PSC, UPSC test.

**Career guidance and placement cell**

Programmes on personality development and communication skills by competent resource person were organized for final year UG students. They were made aware of the various carrier options available. (2015-2016, 2016-2017).

**Finishing school**

Finishing school for all final year PG students. (2015 – 2016, 2016-2017)

**Bank Coaching**

Coaching to face bank recruitment tests were conducted for participated students with the help of experts in the field.

**Table 5.4**

**Number of students appeared and qualified in various competitive examinations**

Year	Name of examination	No.of qualified
2011 - 2012	NET	4
	CAT	8
	UPSC	3
	OTHER	2
2012 - 2013	NET	2
	GATE	10
	UPSC	2
	OTHER	1
2013 – 2014	NET	4
	SET/SLET	1
	CAT	9
	UPSC	1
	OTHER	3
2014 – 2015	NET	2
	SET	11
	OTHER	6
2015 - 2016	NET	4
	CAT/MAT	12

**Table 5.5**

**No. of students beneficiaries for coaching for competitive examinations**

Year	No. of student beneficiaries
2011 - 2012	20
2012 - 2013	20
2013 – 2014	20
2014 – 2015	26
2015 - 2016	110
2016 – 2017	275

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

**Counselling cell**

Students who are about to discontinue the course due to various reasons, are identified and counseling given. The Students with poor learning skills are directed to the counsellor for special care. Counselling service is used by all the students. It boosts the self-confidence and equips them with good personal and academic skills. And this service is offered to such students free of cost. The service provided is highly confidential. The parents' can also have regular interactions with the HOD's and tutors.

Relaxation techniques, stress relieving methods are elaborated. Nearly 20 students have benefitted from personal counselling.

**Career guidance and Placement Cell**

Career guidance and placement cell is coordinated by Prof. Priyesh K.G of Computer Science department. Career guidance cell motivates the students to participate in campus recruitments. Coaching was given in communication skills, quantitative aptitude, logical reasoning, verbal, group discussion and personality development. Facilities were provided in the college for campus recruitment by MNCs like Wipro, TCS and Vijaya Bank and Federal Bank. Sessions on GD and mock interviews were conducted.

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

**Table 5.6**  
**Details of campus placement**

Year	On campus			Off campus
	Number of organizations visited	Number of Students participated	Number of students placed	Number of students placed
2011 – 2012	3	48	5	24
2012 - 2013		12	1	3
2013 - 2014	3	25	24	13
2014 - 2015	2	5	1	14
2015 - 2016				22

**Table 5.7**

**No.of students benefited by counseling and career guidance**

Year	No. of student beneficiaries.
2011 - 2012	60
2012 - 2013	45
2013 – 2014	40
2014 – 2015	20
2015 - 2016	92

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

**Table 5.7**

**Major Grievances and action taken**

Nature of grievances	Action taken
Insufficiency of safe drinking water	New municipality water supply connection established (2015-16) New tank was installed for collecting pure water.  Installed a reverse osmosis water purifier. In the summer sufficient availability of drinking water is ensured.
Complaint about washroom facilities	Constructed more toilets and took steps to keep the same in hygienic condition.
Complaint about lack of ceiling fans	Additional ceiling fans provided in the classrooms.
Lack of sufficient facility for internet access	More computers with internet facility have been made available to the students in the computer labs.
Insufficient parking facility	More parking facility for vehicles of students and a parking area provided
Lack of good ceiling in the class room	Renovated the existing ceiling.
Inadequate library facilities.	New reading room constructed.
Since I & II year students have no class rooms on their on they found difficult to move from one class to another	Infrastructure facilities improved General .timetable adjusted so as to accommodate II year students in a particular class.

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

The College has a Women's cell which serves as the institutional mechanism to prevent sexual harassment and to resolve issues related to women. The cell is

supposed to receive complaints, if any, relating to harassment either directly or through complaint boxes provided. The complaints received by the cell are to be considered in its meetings and referred to the college discipline committee. The cell organizes awareness programmes to orient the girl-students on threats of sexual harassment and legal recourse available to them. As the result of the precautions taken and the culture prevailing on the campus, no instances of sexual harassment has been reported so far.

**Table 5.8**

**Details of gender sensitization programmes**

Year	Activities
2011 – 2012	<ul style="list-style-type: none"> <li>• Women cell organized interactive session on gender issues.</li> </ul>
2012 - 2013	<ul style="list-style-type: none"> <li>• Legal awareness classes conducted</li> <li>• Seminars conducted on women empowerment</li> </ul>
2013 – 2014	<ul style="list-style-type: none"> <li>• Equal opportunity centre and women’s cell co-ordinate the programmes on gender sensitization in campus</li> </ul>
2014 – 2015	<ul style="list-style-type: none"> <li>• College has constituted women’s cell which functions with a motto of earn while you learn.</li> <li>• Women’s day was observed on 8<sup>th</sup> march</li> <li>• Legal awareness classes and self- defense classes was organized</li> </ul>
2015 – 2016	<ul style="list-style-type: none"> <li>• Conducted seminars and interactive sessions on social exclusion of women in the age of globalization and women reimagining boundaries.</li> <li>• Legal awareness classes and self-defense classes was organized by women’s cell</li> <li>• Organized counseling and Yoga classes.</li> </ul>
2016-17	<ul style="list-style-type: none"> <li>• Seminar on Domestic violence, Cyber violence and criminal law</li> <li>• Women Health Seminar</li> <li>• Workshop on concentration building through yoga</li> <li>• Short term course on Karate</li> </ul>

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

The College has a Ant ragging cell with the Principal as the Chairman and a senior faculty member as the Convener. The Committee takes all necessary precautions to prevent ragging on the campus.

College has an anti-ragging squad with principal as convenor. The measures taken by the committee include

- Visiting the classrooms of senior students and hostellers to sensitize them about the consequences of indulging in ragging.
- Orienting freshers and their parents on instances of ragging and the remedies available to them.
- Obtaining an undertaking from every student as not to indulge in ragging of the time of admissions.
- Exhibiting the anti-ragging notifications within the College and the hostels
- Ragging is projected as a serious criminal offence in the College Handbook.

As the result of the precautions taken and the culture prevailing on the campus, no instances of ragging has been reported so far.

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

**Facilities provided by the College:**

- Canteen- Supplies food at subsidized rate for students.
- Ladies Hostel for women
- Library
- Tutorial System

**Various clubs**

- Health club
- Nature club
- Book club
- Career guidance and placement cell
- Alumnae
- Women's cell



- PTA
- Feedback system
- Computer lab with internet connection
- Departmental Associations
- Language lab
- ASAP,
- WWS
- SSP
- Coaching for entry in services - Bank coaching, Finishing school

*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*

- We have a strong and large number of alumnae scattered all over the world. The alumnae have donated many infra structural assets to the institution. The ornamental gate of our college and a lecture room in the 'Rajatha smriti' qualifies for special mention and appreciation. Some departments conducted batch wise meetings as per their strong requests.

**Table 5.9**  
**Eminent Alumni of the college**

Sl.No.	Eminent Alumni
1.	Late captain P V Vikram Kargil operation
2.	Mr.P Srirama Krishnan Hon.Speaker, Kerala Legislative Assembly
3.	Mr. MB Rajesh Hon.Member of Parliament, Palakkad
4.	Mr.M Hamza Former Member of Legislative Assembly, Ottapalam
5.	Mr.S Ajay kumar Former Member of Parliament, Ottapalam
6.	Mr.S Sivaraman Former Member of Parliament, Ottapalam
7.	Mr. M Padmakumar IPS Inspector General of Police
8.	Mr.Abilash K Sreenivasan IRS

	Deputy Commissioner of Customs at CBEC, Dept of Revenue Ministry of Finance, Govt of India
9.	Dr V.K.Sudhakaran Former principal, NSS College Nemmara
10.	Prof.Arvaindakshan, Former HOD, Department of Mathematics
11.	Prof.Vijayalakshmi, Former HOD, Department of Mathematics
12.	Prof Jayanthi Kumari R Former HOD NSS college Ottapalam
13.	Prof. RamMohan KR Former HOD (Retd) NSS College Ottapalam
14.	Prof. Sailaja A K Former HOD(Retd) NSS College Ottapalam
15.	Sri.Haris (BSF jawan)
16.	Mr P K Pradeep Kumar Former Municipal Counsellor, Ottapalam
17.	Mr.Lal Jose Renowned Film Director
18.	Mr. Stephen Devassy Musician
19.	Mr. Venugopal Former Chairman, Federal Bank
20.	Mr.Rajan pothuuval Renowned photographer, Mathrubhumi publications
21.	Mr.TR Rajeev Literateur
22.	Mr.Madhavan Managing Director, Asianet Satallite Communications
23.	Ms.CP Ajitha Reporter, ASIANET
24.	Prof MM Narayanan Executive member, Kerala sahitya Academy
25.	Mr Dinesh Press club secretary Palakkad
26.	Ms. Sowmya Asst manager SBI Palakkad
27.	Mr.Arun AS Kerala State planning Board Officer
28.	Mr.Rajesh R Coorporation Bank Manager Cochin
29.	Mr.Syam Prasad Anand Scientist USA

30.	Dr A K Nanda Kumar Prof IISC Bangalore
31.	Mr.Prabhu kumar Scientist –Kottakkal
32.	Ms.Prathiba T Scientific Officer IGCAR Kalpakkakkam
33.	Mr.Manoj M S Senior Technical Lead,IOTAPMumbai
34.	Mr.Ajith Kumar E Senior Program Manager,ERICSSON, Bangalore
35.	Mr.Pratuish A.V System Architect,Adobe Systems Bangalore
36.	Mr.Sudheendran K Delivery Program Manager SunTech USA
37.	Mr.Vinod Balakrishnan Delivery Manager ANZ Bank
38.	Mr.Jayanand G R Syndicate Bank Branch ManagerChandargi Karnataka
39.	Ms.Anjali SBIOfficer
40.	Mr.Anil Kumar SBI Officer
41.	Ms.Vijayalakshmy Head, Dept Of Economics VTB College
42.	Dr.C. Sreenivasan Associate Professor Govt College Chittur
43.	Mr.Deepak.O.M- Assistant Professor Amritha University
44.	Ms.Savitha KU Asst Professor NSS college Changanassery
45.	Ms.Nisha A Asst Professor DBcollege Thalayolaparambu
46.	Dr.Sajeev K Asst Professor NSS College Ottapalam
47.	Ms.Manjula PS Asst Professor NSS College Ottapalam
48.	Dr Sanjeev Kumar Asst Professor MESCollege Mambad
49.	Dr Megha A R Asst Professor Amal College Of Advanced Studies Nilambur
50.	Ms.Preethi N Asst.Professor NSS College Ottapalam
51.	Mr.Vysakh C Asst.Professor NSS College Ottapalam

52.	Mr.Vijaya Govindan C Asst.Professor NSS College Ottapalam
53.	Dr.Sandeep Narayanan Asst Professor VTB College Sreekrishnapuram
54.	Mr.Suresh Kumar KA Asst Professor Govt.College Chittur
55.	Ms.Aneeshya V Asst Professor NSS College Ottapalam
56.	Ms.Salini V G Asst Professor NSS CollegeCherthala
57.	Dr.Sandeep Narayanan Asst Professor VTB College Sreekrishnapuram
58.	Ms.Dhanya R Asst. Professor Sri Vyasa NSS College, Wadakkanchery
59.	Ms.Sowmya Asst. Professor, SN College, Shornur
60.	Mr.Rajeev Principal TRK HSS Vaniyamkulam
61.	Dr.Smitha S.G Guest Lecturer, IIT, Palakkad
62.	Mr.Vinod K.V Guest Lecturer NSS College Ottapalam
63.	Mr.Vijaya sree Haridas Research Scholar (SNGS Pattambi)
64.	Mr.Omal Sree Research Scholar
65.	Ms.Vineetha Valsalan Research Scholar, CMFRI
66.	Ms.Vidya Rajeev Research Scholar (University of Calicut)
67.	Mr.Jagadeesh Research Scholar, Malabar Christian College
68.	Ms.Poornima S Unni Research Scholar, University of Calicut
69.	Mr.Sreekanth P Dev Research Scholar
70.	Ms..Anju.K. Probationery Officer, Canara Bank
71.	Ms.Reshma Rajan Probationery Officer, Canara Bank
72.	Ms.Sumangala.V Research Scholar, IIT, Mumbai
73.	Ms.Divya.L. Research Scholar, IIT, Chennai

## 5.2 Student progression

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

**Table 5.10**  
**Students Progression**

Department	UG to PG %		PG to Ph.D %		Employed %		Self Employed %	
	2014-15	2015-16	2014-15	2015-16	2014-15	2015-16	2014-15	2015-16
English	40	41	5	5	20	22	30	31
Hindi	61	62	--	--	--	--	--	--
Malayalam	38	39	--	--	--	--	--	--
Economics	30	30	--	--	20	21	8	9
Mathematics	50	50	20	21	45	44	55	55
Computer science	48	52	--	--	48	50	--	--
Physics	48	49	10	10	50	51	40	40
General Chemistry	46	49	--	--	--	--	--	--
Industrial Chemistry	48	52	--	--	--	--	--	--
Botony	50	50	--	--	--	--	--	--
Zoology	41	42	--	--	--	--	--	--
Commerce	65	65	20	20	45	46	55	55

1.2.2 Provide the details of the programme wise percentage and completion rate for the last four 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.

**Table 5.10**  
**Programmewise percentage and completion**

Department	2011-12		2012-13		2013-14		2014-15		2015-16	
Subject	Completion rate	Pass percentage	Completion rate	Pass percentage	Completion rate	Pass percentage	Completion rate	Pass percentage	Completion rate	Pass percentage
B A English	100	82.5	95	79	97.5	88.8	100	92.5	92.5	89
BA Hindi	91.6	81.8	100	79.2	83	75	91.6	86.4	96.5	92.3
B A Malayalam	86.6	88.4	76.6	95.5	73.3	723	80	87.3	86.6	78.6
BA Economics	83.3	86	93.3	76.9	73.3	100	85	54.8	96.6	77.88
B. Sc. Maths	100	87	97.5	77	91.6	82	97.9	61.7	95.8	80.25
B. Sc. Physics	96.4	92.4	96.9	90.6	72.7	79	84.8	82	96.9	71.85
B. Sc..Chemistry	85.7	91.6	82.1	87	82.1	69.5	84.8	78.6	97	78
B. Sc. I.C	96	87.5	76	68.3	88	77	84	76	87	70.3
B. Sc. C.S	96.6	99.4	90	81	90	85	83.3	92	93	82
B. Sc. Botany	90.6	93	70	100	93.3	82	100	96	100	86.6
B. Sc. Zoology	82.7	83	68.9	85	93.1	74	93.3	89	93	88.88
B. Com.	96.6	91.3	91.6	92.7	91.6	94.8	86.6	94.2	91.6	95
<b>POST GRADUATE</b>										
M A English	100	100	94.7	100	100	100	100	100	100	100
M A Economics	94.7	100	100	68.2	100	100	84	100	84	100
M Com	100	94.7	94.7	100	100	100	100	100	100	100
M. Sc. Maths	94.7	83.4	84.2	81.5	100	95	100	75	90	77.77
M. Sc. Physics	100	100	91.6	91	100	83.4	100	100	100	92
M.Sc Comp.Science									66.6	87.5

**Table 5.11**

**Details of Rank holders**

Year	Department	Name of Student	Rank
2011-12	Industrial Chemistry	Savitha M	First
2012-13		SuhairaA.K	First
2013-14		Anjana.K	First
2014-15		Balkees K	First
2015-16		Archana Ramadas	First
2012-13	Chemistry	Vijayasree Haridas	First
		Revathi K.T	Third
2015-16	Zoology	Neena B	Second
2014-15	Hindi	Sruthi P	First
2014-15	MA English	Sreekala A	First

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

The institution facilitates student progression to higher level of education or employment in the following way

- Personal counselling, mentoring and tutorial system instilling confidence and achievement drive in each and every student
- Regular conduct of internal and model exams helps them to score high marks.
- Guidance sessions through career orientation classes is given to all students
- Coaching for competitive exams like UGC-NET is provided to students

- Student initiated programs like seminars, paper presentation etc. is conducted every semester to motivate them.
- Career and guidance cell informs them about the job opportunities.
- Students are encouraged to attend different on-campus and off-campus recruitment programs

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

The main reasons for the drop out of various courses are

- Selection of subjects in which they are not interested in.
- Economic problems,

The weak students who are at the risk of drop out due to fear of failure in the examination are given emotional support, counselling and personal attention. They are also provided with detailed study materials. They are also given counselling as to how to prepare for the examination. and also they are given the tips and tricks to tackle the subject and how to get ready for the examination.

### **5.3 STUDENT PARTICIPATION AND ACTIVITIES**

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

#### **Participation in sports and games:**

The college has infrastructure for sports –football ground cum athletic track, volley ball court, basketball court, ball badminton, shuttle badminton and also a fitness centre. The department. of Physical Education provides ample opportunities for our students to take part in various level competitions like District, Inter-collegiate, Inter- District and Inter University level Competitions. Expenses are met by college and the PTA



**Table 5.12**  
**List of Major Achievements**

Year	Name of the student	Event	Status	Achievements
2011-12	Sukanya V.S	Athletics	Senior National	-
	Sukanya V.S	Athletics	Inter university	Second
	Abhiram vivek	Discus throw	District	Gold
	Ashiq K P	Discus throw under 18	District	Gold
	Balagopal A	200m, long jump	District	Gold
	College cricket team		C zone	Fourth
	Sukanya V S	Half marathon 10000m	University	Silver
	Abhiram Vivek	Discus throw	University	Silver
	Karthik U	Triple jump	University	Silver
	Balagopal A	Long jump, 200m	University	Fourth Sixth
	Karthik U	Athletics	State	Bronze
	College badminton men team		C zone	Third
	Syamkumar	Badminton	C zone	Third
	College handball women team		University	Fourth
	College badminton men team		University	Quarter finals
	College badminton men team		Interzone	Quarter finals
	Syamkumar	Badminton	Inter university	-
	College women badminton team		Interzone	Quarter finals
	Abuthahir	Football	State	
2012-13	K Shyamkumar	Badminton	C zone	Runner up
	College badminton team		C zone	Fourth
	K shyamkumar	Badminton	Interzone	Second

	College football team		C zone	Quarter finals
	Sukanya V.S	Athletics	National	Sixth
	College kabaddi men team		C zone	Quarter finals
	Vivek	Athletics (100m)	District	Bronze
	Abuthahir	Athletics (Long jump)	District	Bronze
	Sudheesh	Athletics(400m)	District	Bronze
	Ashique K.P	Athletics (Discus throw)	District	Gold
	Sreejesh	Athletics (Javelin throw)	District	Bronze
	Sukanya V S	Athletics (10000m)	University	Third
	Abhiram Vivek	Athletics (Discus throw)	University	Bronze
	Sinto	Athletics (20km Walk)	University 1	Bronze
	Sukanya V S	Athletics	National	Runner up
	College Cricket Team		C zone	Third
	College Cricket Team		Interzone	-
	College Swimming Team		Interzone University	-
	College Boxing Team		Interzone University	-
2013-14	College Football Team		C zone	Quarter finals
	College Cricket Team		C zone	Fourth
	College Kabaddi Team		C zone	Quarter finals
	College Volleyball Team		C zone	-
	Nithin	Kabadi	Selected as university team member	
	Abhiram Vivek	Athletics (Discus Throw)	District	Gold
	Ashique K P	Athletics (Discus Throw)	District	Gold
	Sreejesh K	Athletics (Javelin Throw)	District	Gold
	Vishnu	Athletics (Triple Jump)	District	Silver

	Kishore M	Athletics	Selected to the world cross country championship	
	Kishore	Athletics	National	Fourth
	Abhiram Vivek	Athletics (Discus Throw)	University	Bronze
	Syamkumar. K	Badminton	InterUniversity	-
	Conducted Interzone Badminton Championship for Men and Women from 29-10-2013 to 31-10-2013			
	College Badminton Team(Men)		Interzone	Quarter finals
	College Badminton Team (Women)		University	-
	College Swimming Team		University	-
	College Boxing Team		University	-
	Conducted College Athletic meet on 21-02-2014			
2014-15	Abhiram Vivek	Athletics (Discus Throw)	University	Fourth
	Vishnu P R`	Athletics ( Triple Jump)	University	Sixth
	College Cricket Team		C zone	Fourth
	College Football Team		C zone	Quarter finals
	College Kabaddi Team (Women)		Interzone	Quarter finals
	College Kabaddi Team (Men)		C zone	-
	Nithin S	Kabaddi	Selected to The Calicut University Kabaddi Team	
	College Badminton Team(Men)		C zone	Third position
	College Badminton Team(Men)		Interzone	-
	Syamkumar K	Badminton	University team member	
	Syamkumar K	Badbadminton	University	-
	College Ball Badminton Team(Men)		Interzone	Quarter finals
	College Ball Badminton Team (Women)		Interzone	Quarter finals
	Vysak N	Swimming	Interzone	-
	Vishnu P R	Athletics (Triple Jump)	District	Third place
Sunil	Athletics	District	-	

2015-16	Nithin S	Kabaddi	Selection to The Calicut University Kabaddi Team`	
	Syamkumar K	Badminton	Selection To Calicut University Team	
	Sooraj S Nair	Cricket	Selection To Calicut University Team	
	Rahul C P	Volleyball	University	-
	Vipin R	Volleyball	University	-
	Vishnu M Nair	Volleyball	University	-
	Aswathi M	Kabaddi	Selection to District Kabaddi Women Team	
	College Boxing Team		Inter-collegiate level	-
	Vidya	Taikwondo	University	-
	Aswan V V	Athletics (High Jump)	University	Gold
	Manu K M	Athletics 2okm walking	University	Fourth
	Vishnu P R	Athletic (Triple Jump)	University	Seventh
	Vishnu P R	Athletics (Triple Jump)	District level	Second
	College Throw Ball Team		Sub district	First
	College Throwball Team		District	Third
	Sneha K S	Throwball	National	-
	College Football Team		C zone	-
	College Cricket Team		C zone	-
	College Shuttle Badminton Team		C zone	Third position
College Shuttle Badminton Team		Interzone	-	
College Ball Badminton Team(Men)		C zone	-	
College Ball Badminton Team(Women)		C zone	-	
College Boxing Team		C zone	-	
College Simming Team		C zone	-	
College Chess Team		C zone	-	
College Taikwondo Team		C zone	-	
Manu K M	Athletics	Federation nationals	Sixth	

		(10 km walking)	Inter club	First
			South zone nationals	First (record)
			Junior state	Second (record)
	Athira K	Kalari payattu		silver
	Rajitha P R	Pole Vault	Inter-collegiate level	Second
	Nimisha K	Javelin Throw	Inter-collegiate level	Sixth
	Rajitha P R	Pole Vault	District	First
	Nimisha K	Javelin Throw	District	First
	College Shuttle Badminton Team(Men)		C zone	Fourth
	College Cricket Team		C zone	Quarter finals
	College Football Team		C zone	Quarter finals
	College Kabaddi Team(Men)		C zone	-
	College Kho-Kho Team(Men)		Inter-collegiate level	-
	Sanjay haridas	Aquatics	Inter-collegiate level	-
	College chess team		Inter-collegiate level	-
	Vishnu m m	Wrestling	Inter-collegiate level	-
	Vysah h	Archery	Inter-collegiate level	-
	College boxing team(men)		Inter-collegiate level	-
	Athira k	Kalaripayattu	Inter-collegiate level	First
	Devanand	Vadipayattu	Inter-collegiate level	Third
	Abhijith	Vadipayattu	Inter-collegiate level	Third
	College Weight-Lifting Team		Inter-collegiate level	-
	Amal das	Wushu	State	Gold,selected to nationals
	College Shuttle Badminton Team		C zone	Fourth position
	College Cricket Team		C zone	Quarter finals
	College Football Team		C zone	Quarter finals
	College Kabaddi Team(Men)		C zone,inter-collegiate leve	
	College Kho-Kho Team(Men)			

	College Aquatics Team		
	College Chess Team		
	College Wrestling Team		
	College Archery Team	C zone,inter-collegiate level	-
	College Boxing Team		
	College Weight Lifting Team		

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?

Interzone/intercollegiate/State and district level winners:

**Table 5.13**

**List of achievements in cultural activities**

Year	Event	Name	Status	Achievements
2013-14	Cartoon	Nithin	Inter Zone	First
	Cartoon	Ranjith.K		Third
	Guitar	Charulakshmi.A		First
	Jazz	Rohit.R		First
	Violin	Vishnu		Third
	English Essay	Priyanka.R		First
	Urdu Elocution	Jabna.T		Second
	Urdu Story writing	Jabna.T		Third
	Malayalam Versification	Nitha.		Second
	Malayalam Story writing	Nitha		Second
	Hindi Story writing	Sithara.K		Second

	Hindi Elocution	Athira		Third
	Kathakali sangatham	Varsha		Second
	Collage	Nithin		Third
	Kuchipudi dance	Aiswarya		Third
<b>Group Item</b>				
	English Skit			Second
	Margam Kali			Second
	Patriotic Song			Third
	Malayalam Drama			Third
	Jazz	Rohith.R	Inter Zone	Second
	Urdu Story	Jabna.T		Third
	Kuchipudi	Veena venugopal		First
	English story			Third
<b>Group Item</b>				
	Margam Kali			Third
	Malayalam Drama			Third
	Nadan Pattu			First
	Triple Drum	Sangeeth		First
	English poem	Arathy		Second
2015-16	Hindi Essay	Anusree		First
	Oil color Painting	Aswathy. P.S.		Second
	Kuchipudi dance	Vena venugopal		Second

	Chakyar Koothu	Sreeram.S		First
	Classical Music	Anjana Madhav		Second
	Mohiniyatom	Vimala.C		Second
	Embroidery	Hasna.		Third
	Folk Dance Vimala,C	Vimala,C		Second
	Nadanpattu			Second
	Oppana			Third
	Thiruvathira kali			Third
	Chendamelam			Third
<b>2016-17</b>	Hindi Elocution	Priyesh Nair		First
	Hindi story writing	Anaghasree		First
	Violin	Vishnu		Second
	Classical Dance	Veena venugopal		Second
	Oil Painting	Aswathy.P.S		Third
	Cartoon	Amal.S		Third
	Triple Drum	Sangeeth		Third
	Classical Music	Anjana		Third
	Classical Music	Sabareesh		Third
	Poster making	Amal.S		Third
	Water color	Aswathy.P.S.		Third
	Clay Modelling	Abhijith. M		Second
	Kerala Nadanam	Shilpa		Third



	<b>Group Item</b>			
	Chendamelam			Second
Margam Kali			Second	
<b>2016-17</b>	Nadan Pattu		Second	
	Thiruvathira kali		Third	
	Malayalam Drama		First	

*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?*

A regular and a permanent feedback system on teaching and learning process, the quality of teachers, support service, infrastructure etc is strictly maintained. The student feedback is analysed and necessary corrective measures are taken. Students' suggestions are also taken into consideration. Feedback from outgoing students, parents who attended PTA's meetings are collected. Feedback, are done with an insight in the form of well-structured questionnaire. From this academic year the college switched to online feedback submission system in which feedback is collected at the end of every semester.

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

### **College Magazines**

Students under the leadership of the Chief Student Editor publish the College magazine every year. The students are encouraged to contribute their poems, essays, stories and drawings to the magazine. The details of the College magazines of the previous years are given below:

**Table 5.14**

**Details of college magazine**

Year	Title of magazine	Student editor
2011-12	Mannankattayum Kariyilayum	Jishnu E.K
2012-13	-	-
2013-14	Login	Goutham Krishna
2014-15	Oru Perillatha Magazine	Ananthu Krishna
2015-16	Athmagathagathangal	Savad K.S

College publishes a “Wall magazines and Catalogues in Hindi, Malayalam, Zoology.

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

Yes. The selection procedure of the College union is parliamentary. The College union constitutes the following office bearers Chairperson, Vicechairperson, General secretary, Joint secretary, Fine Arts Secretary, Student Editor, University Union Council Members And General Captain. The student’s union is veryactive; it organizes seminars, awareness classes, cultural activities and variouscompetitions.

**Table 5.15**

**College Union representatives (2016-2017)**

Position	Name
The Chairman	Akshai Sai
Vice Chair person	Anagha.C
The General Secretary	Vijith.N.
Joint Secretary	Anjana.K
The UUC	Rohith.P, Ajith Krishnan.P.K.
The Magazine Editor	Sudheesh.C.
Fine arts Secretary	Aneesh.P
General Captain	Gokul.K.G.

**Activities of the College Union**

- Sports day
- Arts Fest
- Book fest
- Enrolment in voters' list
- Poster making
- National Day celebrations
- One time PSC registration of students
- Charitable services
- Blood donor forum
- Debates
- Campus cleaning
- Theatre workshops
- Film fest
- Food Fest

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

Student members participate, give suggestions and assist in organizing the meetings. All the extension activities of the College are organized by the student secretaries under the guidance of the staff co-ordinators concerned.

- College union
- IQAC,
- Library Advisory Committee,
- Students' Grievance Redressal Cell
- Women's cell
- Magazine Committee,
- Discipline committee
- NSS

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

There is a close bond between the College and alumnae members. The online networking facilities are also used to keep in touch with the former staff and students of this College. College and respective Departments invite them for all important events like College Day, Farewell Function, National and International seminars .

## **CRITERION – VI**

### **GOVERNANCE AND LEADERSHIP**

#### **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.*

The larger vision of the college is taken from BrihadaranykaUpanishad (1.3.28) '**Thamasoma Jyothir Gamaya**', which means 'Lead me from darkness to light'. It denotes that the aim of education is to get rid of darkness of ignorance and gain knowledge which will be illumine their minds. The student community is reminded that the educated should be a beacon of light to the society around them. They are motivated to rise above petty selfishness and to reach out to higher goals of life. They are also made to realise reminded that they themselves should be the sources of light. It is their duty to imbibe knowledge of all sorts and radiate it to others for the betterment of the society.

**Social emancipation** is the avowed mission of the college. The essence of wisdom is emancipation from narrow narrow perception on caste and creed and the limits of time and space, transcending which is possible only through education. The college aims to liberate the individual and society from narrow mindedness, hatred, selfishness and superstitions and to develop in them broader perspectives, tolerance, sympathy and understanding required for becoming good citizen. They are train to become free thinking individuals capable of embarking on a quest for truth and social justice.

The college is situated in the most backward district of Kerala. The students hail from poor families. The college has realized that their emancipation is possible only through education. The need of the society is to educate their children in the best possible ways thereby make them fit for a job that would liberate them economically. Economic independence would lead to other forms of independence. In its history of 55 years, the college has upheld this mission

and it has been conscientiously inculcating the vision in all its activities. To become a college with potential for excellence is our future vision.

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

The college implements its quality policy and plans in tune with vision and mission of the Management. The college is one of the twenty-eight colleges under NSS Corporate Management. Being a corporate management, NSS has its own mechanism to ensure its quality policy. The management insists on quality in transacting curriculum, research and all related activities. The management sees to it that the best are appointed as professors. In student admission to the management seats, the management has fixed a minimum mark to ensure quality. It also insists on providing quality service to all stakeholders. To promote quality, the management encourages teachers to attend Orientation and Refresher courses. They are motivated to attend and present papers in seminars and workshops. Teachers are exhorted to do M.Phil and Ph.D. To check quality, the management would seek periodical reports on the attendance of the student, pass percentage, ranks won by the students of the college. The principal supervises all activities of the college. He is being assisted by the College Council, Internal Quality Assurance Cell and a host of other bodies to execute the quality policy and plans. The members of the faculty follow of the instructions of the management and principal on quality policy. They make suggestions for the improvement of quality in the brainstorming sessions conducted for the purpose.

*6.1.3. What is the involvement of the leadership in ensuring: - The policy statement and action plans for the fulfillment of the stated mission - Formulation of action plans for all operations and incorporation of the same into the institutional strategic plan - Interaction with Stakeholders - Proper support for policy and planning through need analysis, research inputs and consultations with the stakeholders - Reinforcing the Culture of Excellence - Champion organizational change*

The General Secretary and Educational Secretary of NSS ensure timely visit and evaluation of the progress of the institution. The leadership meets regularly to plan, discuss and evaluate the progress of the institution, based on inputs, survey analysis and feedback from stakeholders and peers. The Principal coordinates and monitors all the academic and administrative activities of the college. The decisions of the managing authority are communicated to the staff by the Principal. The Principal meets the staff at the beginning of each academic year and discusses the plans and strategies to be adopted during the course of the year. The faculty members develop the action plans for the year based on these suggestions. The smooth functioning of the institution is ensured through a participatory process marked by democratic delegation and decentralization of different duties. Faculty members are given additional charge in coordinating capacities in the various activities of the college. The Administrative Staff is an integral part of the process of governance. As the governance of the institution is participatory in nature, a cordial relationship with all the stakeholders is maintained through constant interaction. The leadership meets students, faculty, parents, alumni, local community and representatives of the industry regularly and involves them in planning, implementation and evaluation of the activities of the college. Feedback collected from the stakeholders is thoroughly analyzed, on the basis of which necessary modifications are made in the institutional policies. The management strives for excellence by attempting to maintain high quality in all the activities of the institution. A variety of measures are undertaken for the purpose:

- Merit based faculty selection
- Encouragement of research activities among faculty
- Providing opportunities for participating in and organizing seminars and conferences for updating knowledge
- Promotion of ICT based learning
- Continuous assessment and revision of plans and strategies on the basis of feedback
- Improvement of infrastructure facilities

The progress of the institution is reviewed constantly and the need for organizational changes is identified by bodies such as the Council and IQAC during their meetings. Regular meetings of the Principal with the faculty and the administrative staff also help in making necessary changes and developments. The management always supports in implementation changes based on the latest trends and demands in the field of education.

*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 policies and plans of the institution are regularly monitored and reviewed by the management using various strategies. The important committees and monitoring mechanisms of the college are:

- Staff Council
- IQAC
- PTA
- College Union
- Discipline committee
- Anti-ragging Cell
- Examination Committee
- Grievance Redressal Cell
- Purchase committee
- UGC Committee
- Library Committee
- Admission Committee

Through periodic meetings of the above said bodies, constant monitoring and evaluation of the institutional plans and policies are made possible, which lead to their effective implementation. Based on the necessity at the various levels mentioned, modifications and alterations are made from time to time.



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

The management gives top priority to the academic progress and quality improvement of the faculty. The faculty is encouraged for constant up-gradation of knowledge and skills. Opportunities to undertake research for Doctoral Degrees and also to engage in research projects are provided. The management facilitates faculty participation and presentation in seminars and workshops and encourages faculty to organize them in the campus. Workshops and training sessions in new skills are arranged for the academic staff. The management is also supportive of the faculty being part of local, state, national and international professional associations.

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

The college has always been keen on grooming leadership qualities in staff and students. Some of the strategies that the institution employs for developing leadership qualities are useful to the:

#### **Staff**

- Staff representatives are members of the IQAC, which holds a key position in planning, executing and monitoring the activities of the college.
- Staff Council plays a dynamic role in the institutional management and the members of the faculty get an opportunity to improve their leadership qualities.
- The charge of each class is entrusted to one teacher which helps in improving the leadership qualities of that group
- The activities of the College Union and various clubs are coordinated by the respective staff coordinators, provide scope for the students to develop their leadership qualities
- The executive committee of PTA comprises of faculty members

#### **Students**

- The college union election is conducted in a democratic way and various union activities give opportunities to the students to groom their leadership and organization skills.

- The extracurricular activities under the auspices of various clubs provide the students with platforms to improve their skills in planning and execution.
- The two NSS units of the college help the students to develop leadership qualities in the volunteers.
- By grooming the students for inter-collegiate events and by organizing academic, sports and cultural events, the college provides capacity building opportunities to students.
- Seminars and workshops on personality development are organized by the college for the students under different student support programmes
- Student representatives are included in all major decision making bodies of the college.

*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 functions on a principle of decentralization, and believes in building leadership at all levels with a clear focus on excellence. The departments discuss plans regarding curricular, co-curricular and extracurricular activities during the departmental meetings and the minutes of such meetings are maintained in the department. The decisions taken are implemented effectively. The departments are given freedom to utilize the funds allocated by the Principal for various purposes such as association activities, seminars, quiz competitions, competence building etc. The Principal meets the concerned bodies to discuss matters pertaining to curriculum planning, research projects, cultural activities and day-to-day running of the college and the relevant suggestions made during such meetings are taken into consideration while evolving institutional plans and strategies.

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

The college promotes a system of participative management which is implemented through democratic delegation of responsibilities and decentralization of authority.

- The college machinery is adequately decentralized with the Principal as the coordinating authority
- Faculty is given additional responsibilities in advisory and coordinating various affairs of the college.
- The Heads of the Departments plan, co-ordinate and monitor the functioning of the respective departments by allocating work and preparing time schedule.
- The tutorial system functions smoothly under individual members of the faculty as allocated by the Head of the department.
- The IQAC meetings are conducted periodically to suggest quality enhancing measures and to monitor their implementation.
- The various clubs organize meetings to plan and execute activities with the help of staff and students.
- Various committees function in the college to plan and execute activities related to different aspects of campus life. Some of them are Admission Committee, Attendance committee, Discipline Committee, Library Advisory Committee etc.

## **6.2 Strategy Development and Deployment**

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

The quality policy of the institution is to impart knowledge-based quality education to satisfy the needs of the society. Hence the College focuses on the overall development of students in the region. As the College is situated in a rural area, its objective is to provide value based education to the

underprivileged as well. This is achieved through the collective efforts of all the members of the institution. The thrust of the policy is the development of the faculty members and the students, with special focus on academic brilliance, personality development and social commitment. This is achieved through continuous assessment of the performance of the students, teachers and administrative staff. The quality policy is reviewed through feedbacks collected from its stakeholders.

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

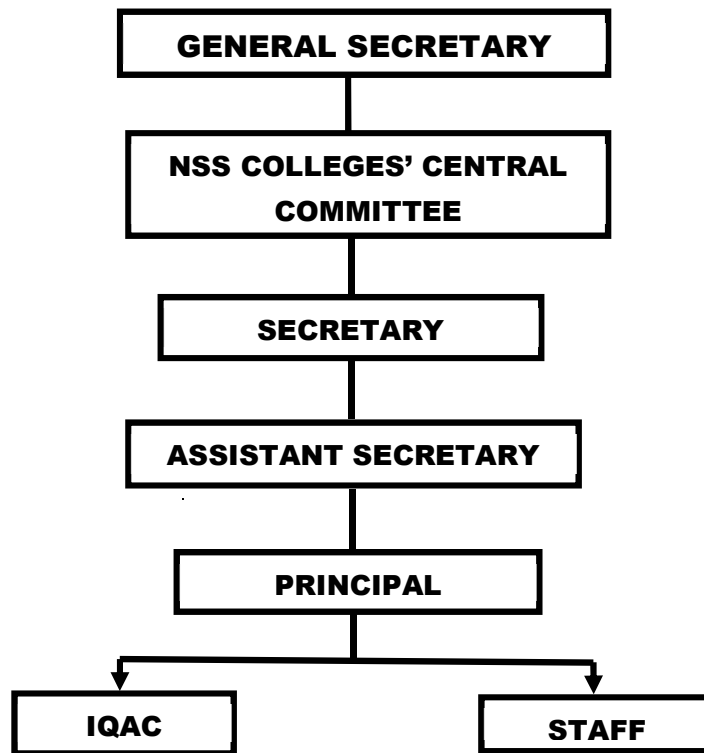
The institutional plan aims at the overall betterment of the college and the campus. Long term plans are being formulated for steady development. The different aspects include

Enhancing the output of the Institution with quality education and motivating students for higher education.

- Construction of a full-fledged auditorium
- Identifying and enhancing the talents of the students in curricular, co-curricular and extracurricular activities.
- Introducing more PG programmes
- Upgrading PG Department to Research Centre
- Acquiring more research projects and consultancy
- More involvement in social outreach programmes
- Equipping the campus with solar power system
- Equipping all class rooms with smart class facility
- Equipping the campus with Wi-Fi internet connectivity
- Encouraging more campus recruitments and ensuring more student participation

- Ensuring more industry interaction and field based studies
- Involving students in environmental restoration programmes

6.2.3 Describe the internal organizational structure and decision making processes



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

***Teaching & Learning***

- Engaging all classes with ICT based learning provisions.
- Involving the students in field based and industry based learning strategies.

- Digitalization of central library and providing latest resources for students
- Equipping the campus with Wi-Fi internet connectivity
- Career guidance and soft skill training
- Faculty participation in subject updating conferences and training programmes
- Organization of seminars, training programmes and quiz programmes for students
- New initiatives like ASAP, WWS and SSP

***Research and Development***

- Upgradation of laboratories and research facilities
- Acquiring research funding for teachers and students
- Upgradation of college research journal to a referred journal
- Motivating faculty to present and publish quality research papers
- Increase collaborative research with other institutions

***Community Engagements***

- Various camps and social outreach programs by NSS
- Energy and Environment conservation programs by nature club
- Women empowerment programs by Women cell

***Human Resource Management***

- Refresher programs, training programs, seminars and workshops for faculty
- Career guidance and employment training programs for students
- Motivational and personality development classes for students
- Encourage faculty to acquire research degrees

***Industry Interaction***

- Enhance the knowhow of the student by introducing them to various industrial sectors
- Introduce the students to new areas in career and higher studies through talks by external experts
- Industry based training programs and projects

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

The activities are reviewed by collecting feedback from all stakeholders regularly and the relevant information is shared with the management. The Principal and the IQAC collect feedback from the teachers, students and administrative staff. PTA meetings are conducted regularly and feedback from the parents is collected and reviewed. The parents are allowed to express their views on the performance of the faculty in the forum. Personal interactions are made with students by the tutors and the HoDs. Personal interactions with faculty and nonteaching staff are made by the Principal to discuss strategic issues. A Teachers Diary is maintained in order to ensure regular functioning of the classes. At the end of each academic year student's feedback is taken and teachers are intimated about their performance. The results are analyzed and necessary action is taken to improve it. Regular staff meetings are conducted to review the corrective measures taken by the institution. The admission process, attendance of students and reports of the activities of NSS are intimated to the university from time to time. The fund utilization of all the government innovative programs is reviewed by the Director of Collegiate Education. The reports and utilization certificate of the UGC fund is submitted to the UGC.

*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 faculty members are encouraged to participate in and organize seminars, workshops, conferences and also to engage in research works. Faculty members are supported to attend periodic training like Orientation and Refresher courses to improve their performance. Faculty members attend FLAIR training programs conducted by the Directorate of Collegiate Education through which young teachers are constantly updated on recent trends in teaching, learning and research. The Principal along with the faculty members and administrative staff gives efficient leadership for the effective functioning

of the College The faculty members are coordinators and members of various clubs actively functioning in the campus. The faculty is encouraged to take up research projects and to avail Faculty Development Programme. Faculty plays an important role in the planning and implementation of academic activities.

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

A teacher's diary was introduced to document the academic activities done by each faculty. The college infrastructure was improved. The institution has an efficient system to redress the complaints and grievances of both students and staff. For this purpose, there is Anti-Ragging Committee, discipline committee and women cell. Complaint boxes are kept for the convenience of students.

*6.2.8 Does the affiliating university make a provision for according the status of autonomy to an affiliated institution? If 'yes', what are the efforts made by the institution in obtaining autonomy?*

All the power to take decisions regarding autonomy is vested in the Management, NSS Colleges' Central Committee.

*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 institution has a grievance redressal cell comprising the Principal, faculty and student representatives. The cell holds meetings whenever required and tries to resolve the issue through discussion. The staff has direct access to the Principal and Local Manager and grievances, if any, are brought to their notice. The general grievances are brought to and are raised in the staff council meetings where they are redressed.



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

No case has been filed by the Institute and against the institute.

*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 collects feedback on institutional performance from all the students at the end of each year. Feedback is collected using a questionnaire which includes different aspects. The responses obtained are analyzed by the IQAC and staff council and changes are introduced accordingly.

### **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?*

One of the top priorities of the institution is quality enhancement and sufficient encouragement is given to both the teaching and non-teaching staff to update their knowledge and skill. The management encourages the faculty to pursue research actively and to publish research articles. College supports the faculty members to attend Orientation and Refresher programs and summer courses. The faculty members are encouraged to attend seminars, workshops and training programs and to do paper presentations. Junior staff is encouraged to participate in innovative programs like FLAIR. All the departments have well developed internet facility to upgrade the qualities of teaching. The faculty is motivated to pursue Doctoral and Post-Doctoral Fellowship. Similarly, the non-teaching staff is also given short term training courses like Computer proficiency training programs and they are encouraged to write department tests.

*6.3.2 What are the strategies adopted by the institution for faculty empowerment through training, retraining and motivating the employees for the roles and responsibility they perform?*

The institution is keen on motivating and empowering the faculty through constant training and motivation. Eminent resource persons and experts in the field of education are invited for such training and seminars. The staff is encouraged to participate in seminars and workshops and to present research papers conducted outside the campus. They are motivated to take up research, consultancy and extension activities. They are also encouraged to be part of various new initiatives offered by the Government like Walk With the Scholar, Scholar Support Program etc. through which they motivate the students.

*6.3.3 Provide details on the performance appraisal system of the staff to evaluate and ensure that information on multiple activities is appropriately captured and considered for better appraisal.*

The institution follows guidelines of the affiliating University and the UGC in the performance appraisal system. The system stresses the importance of multiple activities of the faculty like teaching, research and extension. The performance of the faculty is determined by the student's evaluation report and on the basis of his/her academic and nonacademic achievements. Self-appraisal report is also prepared by the teaching staff each year and counter signed by the Principal. Promotion of the faculty is also lined to API score.

*6.3.4 What is the outcome of the review of the performance appraisal reports by the management and the major decisions taken? How are they communicated to the appropriate stakeholders?*

The IQAC and the staff council review the performance appraisal reports and communicate to the individual faculty about their strength and weakness. The major decisions made during the last years are

- Intensify research activities in the college
- Diversify the extension activities
- Create more collaboration with research centres
- Give more focus to consultancy services offered by faculty

*6.3.5 What are the welfare schemes available for teaching and non-teaching staff? What percentage of staff has availed the benefit of such schemes in the last four years?*

The welfare schemes for faculty provided by the Department of Collegiate Education include career advancement benefits for those with higher qualifications such as M.Phil. and Ph.D. as well as opportunities for those who wish to improve their qualifications. There are Government schemes to housing and computer loans. At the Institutional level, the College Council motivates faculty members through appreciation of merit and talent. The staff is given free classes to increase awareness on new software, administrative changes and to motivate them to aim high. The guest faculty is being paid from the PTA fund.

*6.3.6 What are the measures taken by the Institution for attracting and retaining eminent faculty?*

The recruitment of staff is through a transparent process and selection is made purely on the basis of merit and the qualification and performance of the candidate at the interview. The employee – friendly stance of the management wins the confidence of the faculty and other staff. The faculty is provided a very amiable atmosphere, by the management which is highly supportive of their academic growth. The faculty is provided with better facilities for teaching and research. Their strengths are highlighted and remedial measures taken to curb their weakness.

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

*6.4.1 What is the institutional mechanism to monitor effective and efficient use of available financial resources?*

The college has an efficient system to utilize the available financial resources. Funds of state government, UGC, and PTA are the main sources of income. College council monitors the effective implementation of various projects by utilizing these funds. It is headed by the Principal and comprise of IQAC coordinator, Head of all departments and senior superintendent. IQAC

committee charts out necessary requirements of the college in the order of preference after discussions with the Planning board members. Once a fund is sanctioned it is discussed with the Planning Board and informed at the College Council to the Heads of the Departments to implement accordingly. They prepare a detailed proposal and submit to the planning board of the college for approval. The fund is disbursed from the office only on the basis of the certification of the work by the respective conveners. The fund utilization is made according to the direct monitoring by the Principal. The Principal and the Office Superintendent make sure that the remittances are made on time. For the utilization of PTA fund, approval of PTA Executive Committee is required and the PTA secretary keeps necessary records related to the utilization. All the funds utilized are properly audited from time to time.

*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.*

External and Internal auditing is done annually according to the Government rules. All Government funds are audited by the office of the Deputy Director of Collegiate Education. There is a system of external UGC, KSCSTE etc. Audit objections, if any, are clarified in a timely manner. The management conducts regular audit all the sections. The PTA account is audited every year by the auditor appointed by PTA executive.

*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.*

Being an aided institution and the salary of the staff is paid by the Government. As an accredited institution recognized under 2(f) and 12(B) of the UGC Act, the college gets UGC and KSCSTE funding for academic activities. The deficit is managed utilizing the PTA fund and fund received from NSS central

committee as per requirement. The audited income and expenditure statement for the last four years is attached.

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

The institution secures additional funding through PTA and other external scientific and industrial funding agencies and organizations like Banks, SEBI etc.

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

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

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

The college has an efficient IQAC which plays a vital role in deciding the institutional policy with regard to quality assurance. The IQAC was established according to the UGC stipulations. It steers the academic voyage of the college towards excellence and ensures the up gradation of academic and administrative procedures. It serves as a link between external academic and administrative structures and the institutional structures. The IQAC promotes and coordinates various academic activities within the college. In short, the IQAC of the college serves as an umbrella for all quality assurance processes

*b. How many decisions of the IQAC have been approved by the management / authorities for implementation and how many of them were actually implemented?*

*All decisions taken by the IQAC for quality assurance are endorsed by the management. The IQAC could implement most of them.*

*c. Does the IQAC have external members on its committee? If so, mention any significant contribution made by them.*

Yes.

Alumni Member	Sri.M.Hamsa (Ex. M.L.A), Ottapalam
Industrialist	Sri.Chithresh.C.
Community Representatives	Adv.P.N.Balagopalan

- Sri.M. Hamsa (Ex-MLA), Ottapalam granted an amount of Rs 7 Lakhs form M.L.A fund to digitilise the library
- C.Chithresh and Adv.Balagopalan. P.N are both alumini, provides valuable guidance and support for the successful planning and implementation.

*d. How do students and alumni contribute to the effective functioning of the IQAC?*

Well-placed alumniare the blessing of its alma-mater. The IQAC functions as a strong link between the alumni and the college. At the same time, the alumni have always appreciated the efforts of the college to maintain student centric value based education. Their feedback, along with that of students offer valuable suggestion for quality improvement. These are collected and documented by the IQAC to motivate the college for further progress. Eminent alumni from various walks of life are invited by the IQAC to the college to address the student community and inspire them.

*e. How does the IQAC communicate and engage staff from different constituents of the institution?*

All constituents of the institution play responsible roles in the smooth functioning of the college. IQAC regularly interacts with staff and students from all sections and the feedback is collected. This is considered while formulating the action plan of the institution and implementing it. Communication of different activities is done through Emails and notices circulated by the Principal.

*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 academic and administrative head of the institution is the Principal. There are several committees in order to assist him including IQAC to have an

integrated support for quality assurance of the academic and administrative activities. The committees consist of representatives from teaching, nonteaching staff and the students, to ensure participatory interaction from all the individuals.

*6.5.3 Does the institution provide training to its staff for effective implementation of the Quality assurance procedures? If 'yes' give details enumerating its impact.*

Yes. IQAC arranges various quality assurance programmes during which the staff is exposed to quality assurance procedures. The IQAC organized seminar on reaccreditation strategies where IQAC coordinator of reaccredited institution shared a brain storming session with the faculty. The IQAC along with various departments organized seminars on research methodologies in the college. The details are given in criteria III

*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?*

Internal academic audit is done through the end semester evaluation of university results. To improve the results instructions are given to adhere to the academic plan prepared at the beginning of the year. The number of students who qualify for NET, SET and placements got from each department is discussed in the staff meeting and action plan is made to make more students excel in such tests. The management has a mechanism to conduct academic audit. A meeting is called where all the principals should present the achievements of the respective colleges. The number of seminars and workshops conducted, minor and major projects awarded, higher qualifications like M.Phil and PhD are also assessed and action plan is designed to increase their number.

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

The IQAC is aligned to NAAC. The suggestions made by the NAAC Peer Team during the first cycle accreditation process have been fulfilled to a large extent.

The College is constantly following all the modifications introduced by NAAC in the accreditation process.

*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 continuous review of the teaching learning process is done by IQAC. This is made possible by the examination of the various records maintained by the departments. Some of the documents maintained by the department are,

- Profile of the faculty
- Individual Student Profile
- Academic Calendar
- Teachers' Diary
- Mark Lists of Internal Examinations
- Consolidated Internal Assessment Grade Sheets
- Student Feedback Report
- Record of remedial teaching and peer teaching
- Department Stock Register
- Record of assignments and seminars given
- Monthly Attendance Report
- Free hour register
- Tutorial meetings register

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

The institution communicates its quality assurance policies, mechanisms and outcomes to various internal and external stakeholders through

- The college Calendar
- College web site
- Council meetings and staff meetings
- Orientation programme for newcomers
- PTA and Alumni meetings



## **CRITERION – VII**

### **INNOVATIONS AND BEST PRACTICES**

#### **7.1. Environmental Consciousness**

##### *7.1.1 Does the Institute conduct a Green Audit of its campus and facilities?*

The college consistently takes measures to maintain the campus environment friendly. The institution is committed to protecting and preserving environment, and inculcating environmental consciousness among students and staff. The authorities make sure to have sustainable developmental activities in the campus. The infrastructure development ensures no felling of trees in the campus. The Department of Botany maintains a document of flora, while the Department of Zoology carries out documentation of fauna and maintains a Biodiversity register of the campus. Even though the college does not have a permanent auditing system, the teaching community proposes to conduct a green audit.

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

###### ***Energy conservation***

The college has a canopy of trees and plants that make the environment carbon dioxide free and maintain health of all the inmates. The campus has a rich collection of rare and endangered flora and fauna which provide shade and a beautiful ambience. Energy is conserved by using natural light whenever and wherever possible. Students are made aware of importance of energy conservation by organizing seminars on energy conservation. The Nature Club of the college organized an energy conservation rally on National Energy conservation Day in Ottapalam Town. Energy consumption is reduced by putting off all electrical appliances when not in use.

***Use of Renewable energy***

The importance of renewable energy sources are imparted to students through seminars and workshops organized by various departments. In connection with National Science day celebration of 2012 a seminar on “Renewable Energy Sources-A Solution for Fuel Run Out” was organized by Zoology Department. The Physics department offers non-conventional energy sources as open course.

***Water harvesting***

The college has a system of rain water harvesting. The area where college is located is affected by water scarcity. So the rain water harvesting helps to meet water shortage during summer months effectively.

***Check dam construction***

Student volunteers of NSS units of the college actively take part in check dam constructions across Bharathapuzha, the second longest river in Kerala flowing near by the college.

***Plantation***

All students and faculty members are provided with tree saplings every year in connection with World Environment day on June 5<sup>th</sup> with help of Forest Department. Botany department maintains a Botanical garden and conducted an exhibition on rare and endemic medicinal plants. As a part of the beautification of the campus, the students and teachers maintain a garden of endemic plants.

***Efforts for Carbon neutrality***

The college takes initiatives towards creating awareness among the students regarding climate change and the importance of biodiversity conservation through seminars, interaction with experts in various fields of conservation and activities. The campus is eco-friendly and conducts activities towards spreading of the greenery every year to combat green house emissions and improve carbon neutrality.

### ***Hazardous waste management***

The college takes maximum effort to minimize hazardous wastes produced from the laboratories. The waste from the laboratories is disposed scientifically, without causing much damage to the environment. The college also ensures that banners of cloth are used during seminars and workshops to reduce the environmental impact. The plastic wastes are collected from the campus and NSS units have taken measures to dispose it off with the help of Ottapalam municipality.

### ***E-waste management***

No major e-wastes are produced in the campus. The college has taken stringent measures to scientifically disposal of e-wastes, with utmost care to cause least harm to the environment. Useful parts of the damaged equipments are reused, wherever possible.

## **7.2 Innovations**

*7.2.1 Give details of innovations introduced during the last four years which have created a positive impact on the functioning of the college.*

The college has espoused several innovations for the holistic improvement of the system, as listed below:

- **Certificate courses**

To enhance the employability of students, various departments of the college offer certificate courses in addition to the regular teaching-learning processes: MS Office and Internet browsing, Import and Export Management, Retail Management, Supply chain management and Six Sigma (Department of Commerce in association with International Academy of Certification and Training)),

Malayalam DTP certificate course (Department of Malayalam),

MS Office (Department of Computer Science)

- **Infrastructure development**

The management of the institution took initiative for the development of infrastructure. The asbestos sheet roofing was removed and eco-friendly GI sheet roofing has been done.

- **ICT and AV aids**

All the departments of the institution are equipped with internet enabled computer. In addition to this, the college has a common computer lab for the staff and students. ICT up-gradation in the classrooms improve teaching-learning activities in all the departments. All final year UG and PG classrooms are ICT – enabled.

- **Language laboratory**

The language laboratory started functioning in the college which enhances the involvement of students in language learning exercises.

- **Complete automation of administration**

The administration has been completely automated that has improved the efficiency.

- **Installation of CCTV cameras**

To monitor the activities at vital points in the campus like library, examination room etc.

- **Organizing of finishing school for PG students**

To equip the outgoing PG students for further studies and promote employability, finishing school was provided for all the PG students from various streams.

- **Industrial/ lab/ field/ motivational visits**

In order to provide further exposure and practical perspectives over and above the teaching-learning process inside the classrooms, visits to

places of importance were conducted every year. It creates practical awareness and motivation among students.

- **Blood donation camps**

Camps on blood donation and blood group detection were conducted by NSS units and Department of Zoology in collaboration with Valluvanad Hospital and HDFC Bank.

- **Medical Camp**

Medical camps have been regularly organized for the public by the NSS units and the Department of Zoology in collaboration with Valluvanad Hospital and Vasam Eye care.

- **Eco-friendly initiatives**

As a part of ecofriendly initiatives, the college has installed vermicompost and taken up distribution of seeds, vermicompost and organic fertilizer among farmers of the ward.

- **Awareness programme on self-employment**

In order to create orientation on self-employment possibilities among students, ED Club organizes seminars and workshops for the students.

- **Creating orientation on Android application development**

The new technologies introduced in the global scenario need to be introduced

- **Services to the society**

Student volunteers take up camps for cleaning up the outside vicinity of the institution and a pond for water harvesting. The students organised 'Food Fest' towards fund raising to help the inmates of 'Thanal', an orphanage.

NSS units distributed 'onapudava' to senior citizens of the neighbourhood.

On Children's day, 350 books collected from students were handed over to the library of a nearby school.

The departments of the college conduct soil and water analysis of water bodies of Palakkad district. The Department of Physics conducted soil and water analysis from five major dam sites of Palakkad district. The Department of Chemistry performed a series of studies on open wells and bore wells of neighbouring areas. The department of Commerce conducted social surveys on financial literacy of the rural households in Ottapalam and socio-economic survey on Kumbarankundu Colony in Ottapalam.

- **Skill development programme in hand embroidery.**

With a view to create skill and creativity in hand embroidery among students and housewives of the neighbourhood, hand embroidery course was run under the leadership of the department of Hindi

- **Exhibitions**

To create scientific and technological awareness among students, many departments of the institution organised exhibitions in the campus. Such kinds of activities also aim to present the resources and scientific ideas to students of other institutions which are deprived of latest updates. The exhibitions and activities on Indian Physicists and Cosmology mainly for higher secondary students of neighbouring schools (Department of Physics); an exhibition on antique tools, coins and articles (Department of History); exhibition-cum-sale of handmade textiles and household articles (Department of Malayalam); exhibition of medicinal plants (Department of Botany). The Commerce department conducted an exhibition named 'MELANGE' as a part of their social extension initiative where the potteries and hand made utensils were displayed for sale.

- **Publication of Annual manuscripts by students in Hindi, Malayalam, Zoology and Commerce.**

To develop creativity among students, students of various departments and clubs of the college publish manuscripts and magazines annually.

The PG department of Commerce has compiled repository of research papers presented by faculty members and students and projects done by faculty and students.

- **Maintenance of Biodiversity register**

The Department of Zoology and Botany maintains Biodiversity register that documents the comprehensive record of the biodiversity in the campus. The Department of Zoology continuously records the fauna periodically to record the dynamic faunal distribution.

- **Skywatch**

A night sky watch camp was organized by Department of Physics to popularize science and inculcate scientific temper among students, in collaboration with IUCA and CUSAT. The department of Physics organized 'Making of telescope' during the camp.

- **Career and Placement Cell**

Placement cell offers placement assistance to students and prepares them to face interviews. The cell organizes career guidance classes for enhancing awareness among the students about various job prospects. The cell also offers a platform for group discussions, mock-interviews, Spoken English, personality development programmes etc or the development of soft skills. The institution has its alumni in various leading institutes like Wipro, TCS and Infosys.

- **Clubs**

The institution runs various clubs like ED Club, Nature club, Bhoomithrasena club etc and women cell. These clubs intend to create leadership skills, interpersonal development, career advancement, creativity, environmental sensitivity among the students.

- **Digitalized library**

The institution holds a good collection of books in the centralized and various departmental libraries. The central library is digitalized and subscribes many newspapers, journals and magazines that help to create general awareness among students.

- **Surveys**

The college took up social surveys so as to understand the real life situations in various social sectors. A survey on waste management (NSS units), on traditional farming practices adopted by local farmers (Bhoomithrasena Club), on non-conventional energy sources (Department of Physics with support from ANERT) and on colour blindness and on energy audit (Department of Zoology) were conducted.

- **Coaching for competitive examination**

The college provides various coaching programmes to help the students to prepare for various competitive exams. Special coaching programmes to enable the students to develop clerical aptitude, verbal aptitude, numerical aptitude, general mental ability etc. and prepare them for competitive examinations conducted by UPSC, SSC, PSC, Banks, Railways, etc. Coaching is also given to help the students clear UGC/CSIR NET/JRF tests.



### **7.3 Best Practices**

*7.3.1 Elaborate on any two best practices in the given format at page no. 98, which have contributed to the achievement of the Institutional Objectives and/or contributed to the Quality improvement of the core activities of the college.*

#### **I. Title of the Practice: Eco sensitization and Community beneficial programmes.**

##### **Goal**

The college conducts various programmes to sensitize the student community towards environmental awareness which forms the key issue of present situation world over. The departments organize various activities for the benefit of immediate community. The major objectives to be achieved through these activities are :

- To sensitize the students towards ecofriendly and sustainable mode of life.
- To create awareness for the use of renewable energy sources.
- To develop a habit of reduce the consumption of energy and materials.
- To develop a culture of planting and conservation of native flora and fauna.
- To reduce the use of non-degradable materials.
- To foster a habit of optimum use of natural resources.
- To practice proper disposal of waste materials.
- To create an environment for the students to interact with the community through various activities

##### **The Context**

The college follows semester system under Calicut University regulations. Within the strict time- bound program, the college finds it difficult to organize community development programmes with involvement of students. The students participation is inhibited by the periodic internal and external examinations.

The community participation is not much appreciable, because of surplus of awareness programmes led by government and non-government institutions.

The faculty members are not getting enough time to organize and execute these activities due to hectic work schedule between classrooms and valuation camps.

### **The Practice**

Palakkad district of Kerala state is known for its water scarcity. To address this problem, the college has installed three ferrocement water tanks for harvesting and storing rain water. This proved to be a highly successful venture, as the college is able to supply water even to the neighbouring community during summer season.

The water sources of Palakkad district are reported to be contaminated by heavy metals and fluoride ions, which impart negative effect on the health of the population. With a view to create awareness among the public, the department of Chemistry conducted a series of water quality analysis of open wells and bore wells of area surrounding the college. To intimate the findings of the study with the public an awareness programme “Green Water,Clean Water” was organized where public also shared their concerns on water –borne diseases and quality check of water consumed. It also created a sense of responsibility for water conservation. The department of Physics conducted soil and water analysis of five major dam sites of the district. The college NSS volunteers got involved in the construction of a check dam across Bharathapuzha river and the cleaning of village pond to cater to the water scarcity problem.

The college maintains good greenery with the mass participation of students and staff in planting trees every year. The college has a healthy waste disposal system and spreads the message to the community through seminars conducted by Botany and Zoology departments and by distributing vermicompost and seed kits to local farmers. The college tries to foster the habit of organic farming by distributing organic fertilizers and seeds. The flora of the campus has been identified and named and a checklist is maintained in the department of Botany. The nature club conducts monthly bird walk that aims to develop nature concern among the students.

The departments sensitize the students and the public regarding reduced energy consumption and energy conservation via rallies, seminars and surveys. The

college regularly organizes medical camps, eye camps, blood donation camps for the students and public. The college maintains a blood group directory for immediate access during emergency. Exhibitions are organized by various departments for high school students. The college also creates a platform for the students to serve their dishes in 'food fest' where the amount collected are donated to an orphanage 'Thanal' that creates empathy in the students. The college regularly organizes handloom exhibition-cum-sale where the native traditional Kuthampully hand weavers are promoted who otherwise find it difficult to keep up in the market race.

### **Evidence of Success**

By these ecological sensitisation programmes, the student community of NSS College Ottapalam is definitely more ecologically sensitised, oriented and they themselves impart the knowledge acquired to their resident community. Every year a large section of students voluntarily take part in planting of trees, construction of check dams, cleaning of water resources, biodiversity documentation etc. the students are well aware of the energy shortage and they follow a path of judicious energy utilization. The students are highly empathetic and volunteer to donate blood. As the institution is located in a rural area and the neighbouring community is socially and economically backward, the college stands as a source of information and knowledge-dissemination. All the programmes conducted by the institution are highly successful in terms of participation and achievement of the goals. The local self government authorities extend a great support and involvement for the conduct of every programmes organized in the campus.

### **Problems Encountered and Resources**

The college conducted various activities towards sensitization and community intervention with involvement of students. The major hardship with regard to organizing and smooth conduct of these activities was to find sufficient financial resources. The college lacks an auditorium for including a larger audience.

**Contact Details**

Name of the Principal: Dr. Madhusudanan Pillai.K.R

Name of the Institution: NSS College, Ottapalam

City: Ottapalam

Pin Code: 679103

Accredited status: Accredited by NAAC at the B++ level in 2007

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## **II. Title: Rivers of Palakkad- Depletion and Restoration**

**Goal:** The Department of English, N.S.S. College Ottapalam has conducted a Survey as part of social extension activity in two consecutive years (2013-14 & 2014-15) focussing on environmental and developmental issues on Nila and Bhavani river basins. These activities foreground the river valley civilisations of Kerala and emphasise the hazards to the riverine ecology that has been caused by various man-made factors. The Extension has concentrated on a semi-urban area like Ottapalam and on the tribal regions of Attapady.

**Context:** River Nila commonly called as Bharathapuzha is the longest flowing river of the Malabar region. It originates from the southernmost part of the Sahya mountain ranges in the Anamalai hills. It flows through numerous terrains – high ranges and temperate valleys and ultimately ends in the Arabian Sea at Ponnani in Malappuram district. The river shows a width of 1.5 to 2 kms in various regions and has an actual length of 209 kms.

The catchment area of the river is characterised by the fragile and vulnerable Sahya ranges and sparse vegetative cover. The State Government is concerned about the conservation of natural resources. Strategies to reverse the degradation of natural resources like land, water, livestock and forest resources has to be discovered and implemented.

The river is now in a sorry state of depletion. The Nila is ailing, its flow reduced to a mere trickle due to various factors like pollution- both domestic and industrial, illegal sand mining, damming of the river, hydro-electric projects, and drainage of river water through canals for irrigation purposes.

The Department of English, N.S.S College Ottapalam, has conducted a survey of the Attapady area where the river Bhavani flows nestled below the Nilgiri hills of the Western Ghats. The river flows from the northwest around the mountain in a tight bend past Attapady village and continues to the Southeast. The survey has highlighted tribal land alienation and the development programmes affecting the river ecosystem of the region. The students have identified land encroachment, indiscriminate felling of trees, and changing crop patterns as the main causes of environmental degradation. This in turn has led

to infant deaths, malnutrition among children, rise of alcoholism, and the many cases of suicides among tribal youths, and has also increased the number of unwed mothers in this region. The project is an ethno-anthropological study of rural and tribal people and their inextricable bonding with their environment.

**Practice:** The effectiveness of the project can be seen among the student participants who through first-hand experience have learned to be ecologically aware and environmentally conscious. The method adopted was both quantitative through survey questionnaire and qualitative through face to face interviews. Evaluation forms an important part of the project. The evaluative process has four steps-

**Response:** The reactions of the survey participants from both Ottapalam and Attapady were recorded.

**Learning:** The resulting increase in knowledge/skills in areas like environmental degradation, climate change, social classes, anthropology, law, and human rights.

**Result:** Transfer of knowledge to campus community. River Reviving has received a huge impetus in society.

**Evidence of success:** Evaluation reports were prepared and the results were encouraging. Interacting with people in the riverine basins has made evident the fact that these people have forged a strong bonding with the river over the years. The account of these peoples' memories of the bygone eras has ignited a spark in the students' mind. They in turn are able to transfer the insight gained to their social peers creating responsible citizens. Empathy for the oppressed and the need for delivering justice to the tribal victims of Attapady have invigorated them towards social activism. The record of their findings has become a part of the history of student activities of the college.

**Problems Encountered and Resources:** The project was taken up as a departmental activity under Social Extension scheme of the UGC. The fund allotted was Rs 10,000 per year. So the project had to be limited to the resources available. There is still enormous potential in the area for study. The core values of the project are to discover ways of sustainable development, and conserve environment through advocacy and education. Perhaps other areas like the criteria for river rejuvenation, sewage waste and its effect on river water, pollution and ecology, and marine ecology can be discussed.

**Contact Details**

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### **III.Finishing School**

#### **Title of the Practice – Finishing School**

#### **Goal**

The college has been conducting a finishing school programme for the final year P.G students since the academic year 2015-16. The objective of the programme is personality development and communicative and soft skills development as a part of equipping the students to gain employment. The programme is designed to help the students to reflect on their skills, understand where they stand and proceed to the goals with greater determination. The programme also sensitizes them to the process of campus placement and acquaints them with the entry level job vacancies for graduates and post graduates. This helps the students to understand the vast recruitment market, industry specific SWOT, Smart Career Moves and core competences required.

#### **The context**

The college is situated in one of the backward districts of Kerala. The students are brilliant but financially not sound. In the many surveys conducted in the colleges during the preceding years, we found that the number of students who got placements in campus recruitments from our college were more than that of the number of students from colleges in towns. Many recruitment agencies told us that these students from the villages were better than their counterparts in towns in the knowledge of the subject, leadership qualities, team work and work culture but they were deficient in communicative skills and etiquette. They are rough diamonds which need to be polished. So we decided to polish them with finishing schools which were unheard of in this part of the State. We contacted the professionals in the field so as to equip the students to face the challenges in the changing global scenario of globalization and liberalization.

#### **The Practice**

First of all, we conducted a survey to identify the areas where our students are weak by distributing a questionnaire. A brainstorming session was conducted by the college council to work out the modalities of the programme. In the



academic years 2015-16 and 2016-17 five days and three days respectively were set aside to conduct the programme. The former programme was named Naipunya I and the latter Naipunya II. Both the programmes were exclusively for the outgoing P.G students.

After the formal inaugural session, session 1 began. It was titled 'Two Million vacancies: An Overview of the employment scenario'. The session projected that there would be two million new entry level jobs for graduates in the next six years. The different fields where vacancies are likely to arise such as automobile, banking, trade and commerce, industry, media, marketing, IT, hospitality industry, tourism and what not were discussed in details. The knowledge of these opportunities was an eye-opener to our students as most of them had not heard or thought of these job opportunities. They were thinking of traditional jobs. They were bewildered on hearing the mind boggling salary offered to professionals in the private field and by Multi National companies.

The second session was devoted to soft skills training. The session began by evaluating the skills of the students by asking them to speak out. The trainer introduced them to soft skills and career skills and made them realize the importance of soft skills and career skills in gaining employment. The third session was also on soft skills. It was designed in such a way as to give the students an orientation to the key soft skills expected by the society and the employers - personal qualities, interpersonal skills, attitude, courtesy, confidence and communication skills. The fourth session was on career skills like ownership and integrity, ethics and workplace socialization. They were also told the need to cultivate the habit of openness to continuous change and learning.

The fifth session was on speaking skills where they were taught about the rudiments of Phonetics and how to articulate correctly the sounds of English, the stress, intonation and rhythm. They were also given training on aspiration and the weak and strong pronunciations of grammatical words in English. The sixth session was on 'Preparing for Civil Service'. When the trainer narrated the success stories of people from poor background in Civil Service, the students felt that they too could achieve it. The next session was on banking as a career

and it was followed by a session on how to write 'winning CVs' and facing the interview.

### **Evidence of success**

All the students appreciated the programme and they wanted the college to arrange more programmes of the same kind. It was an eye-opener for the students. The programme served as a window to the world. It succeeded in initiating and motivating the students to prepare for such competitive tests. It also gave them an opportunity to assess their strength and weakness which they would not do otherwise. As a job is their first priority, most of the students took the programme seriously and continued to work hard. The programme served as a launching pad and in the first year and we could place more students in the campus placements in IT and banks.

The College council and Career and Placement Cell were happy about the outcome of the programme. The results of the programme indicate that along with academic programmes, programmes like finishing school must be conducted and if possible it should be made part of the curriculum.

### **Problems Encountered and Resources**

As the programme was planned systematically, we did not encounter much problem during the course of it. Time constraints is a problem for running such programmes. Five days is too short a time for conducting such a programme. In the busy schedule of the semester system, the students are hesitant to attend such programmes as they fear that they would lose their precious time. The fund for the programme was from the UGC. We are planning to request the UGC for more funds for arranging such programmes.

After the 2016-17 programme we faced a setback in recruitment. We could not place as much students as we expected as the recruitment agencies have switched over to psychometric tests which can capture the relevant information about a candidate which an interview cannot do. Psychometric tests are gaining popularity among employers. A large number of companies in the information technology and consulting sectors have started conducting psychometric tests,

we have decided to introduce such test to our students from the next academic year onwards.

**Notes**

We have already conducted a brainstorming session on psychometric tests and found that it is a scientific method used to measure individual's mental capabilities and behavioural style. Entry level-employees need to brace themselves for aptitude and personality tests as employers want to know whether they fit into each other's needs. Acquainting the students with such tests is the need of the hour.

**Contact Details**

Name of the Principal: Dr. Madhusudanan Pillai.K. R

Name of the Institution: NSS College, Ottapalam

City: Ottapalam

Pin Code: 679103

Accredited status: Accredited by NAAC at the B++ level in 2007

Website: [www.nsscollegeottapalam.org](http://www.nsscollegeottapalam.org)

E-mail: [nssotp@gmail.com](mailto:nssotp@gmail.com)

Mobile: 9544401264

## **CLUB ACTIVITIES**

Higher Education is providing funds for various innovative and social outreach programme for the students aiming their overall development. The college is successfully conducting the activities and the funds sanctioned are completely utilized for different clubs, associations and programmes.

### **National Service Scheme (NSS)**

The prime objective of the National Service Scheme is to motivate the students to undertake social responsibility through different activities like National Integration Camp, Shramdan, blood donation, plantation, community service etc. The students tends to understand the community in which they work, identify the needs and problems of the community and involve them in problem-solving, develop among themselves a sense of social and civic responsibility, develop competence required for group-living and sharing of responsibilities, acquire leadership qualities and democratic attitudes and develop capacity to meet emergencies and natural disasters through this programme. Unit No. 36 & 94 is functioning in the College under the leadership of Smt. Nayana K, Asst. Professor, Dept of Physics and Sri. Vijayagovindan C, Asst. Professor, Dept. of Mathematics. The Maximum intake of each unit is 100 from various UG departments. Major programmes conducted by the NSS units are

. Prathibha.K.P(Department: Chemistry) participated in RD camp at Delhi(Dr. Ambedkar bhavan) during 1st to 31st January, 2017 and South zone pre-RD camp held at National College, Trichi during 7 to 16 December, 2016. Vimala.C(Department: Chemistry) participated in National Integration Camp at Chitkara University, Baddy, Himachal Pradesh during 11 to 17 December, 2016 and Nithin K.P.(Department: Mathematics) participated in National Integration camp at St.Michael College, Cherthala during 25 to 31 December, 2016.

- Distribution of 500 plants in College as a part of World Environment Day – 05/06/2015
- A lecture on Energy Crisis by Prof. B M Mustafa, Research Coordinator, IRTC, Mundur – 11/06/2015
- Awareness programme on Organ Donation as a part of NSS Day celebration – 24/09/2015
- Organized a Mass Run in connection with the National Integration week celebration – 20/11/2015
- Survey on waste management at nearby wards of Ottapalam Municipality – 27/11/2015
- Awareness class, documentary show and rally conducted in connection with AIDS Day – 1/12/2015 & 11/12/2015
- Non biodegradable waste was collected from the campus as part of the Green Campus campaign – 11/01/2016 to 15/01/2016
- A basic training on Palliative Care was given to unit members by Sri. Shajeer and Sister Latha - 15/01/2016
- An awareness Programme was conducted on Road Safety by Sub RTO Ramesh – 27/01/2016
- Blood donation camp and blood group determination camp conducted in association with District Hospital, Palakkad and P K DAS hospital, Vaniyamkulam – 05/03/2016
- Renovation of college garden by planting 2000 plants – March/2016
- Seven Days Special Camp was organized from 18/12/2015 to 24/12/2015 at Palakkad Municipality (Unit No. 36) and Kondazhy Panchayath (Unit No. 94).
- On Saturdays 2 volunteers participated in ‘Palliative Home Care Visit’, a programme of Ottapalam Taluk Hospital Palliative Care Unit.
- Various palliative care programmes were conducted by the units - 15/01/2016, 11/03/2016, 15/03/2016 & 02/07/2016
- Government Taluk hospital and Government Ayurveda Hospital was cleaned by the units – 06/08/2016

- For making an awareness among local people about natural materials and their uses a programme named 'Back to nature Back to Agriculture' was conducted in collaboration with Ottapalam Municipality and selling of cloth bags made by volunteers was also organized. – 17/08/2016
- The unit members distributed 'Onapudava' to senior citizens of college neighborhood using the amount obtained by the sale of flowers from college garden– 08/09/2016
- As a part of Children's day celebration 350 books were collected from College and handed over to G.J.B. School, Palappuram – 14/11/2016
- In collaboration with Ottapalam Municipality and Lakkidi Health centre, the units conducted an awareness Campaign about Elephantiasis and preventive medicine was distributed – 19/11/2016,21/11/2016 & 22/11/2016
- The unit members spent a day in Helen Keller Institute, Vaniyamkulam – 26/11/2016
- In coordination with Ottapalam Municipality National Highway cleaning campaign was conducted – 09/12/2016
- Health survey at Meetna – 14/01/2017
- A training programme on soap and chalk making was conducted – 28/01/2017
- An exhibition of handicraft items made by the unit members was conducted – 30/01/2017
- A talk on corruption was delivered by DYSP Vigilance and Anti Corruption bureau – 03/02/2017
- 15 Members were sent to District Level Mega Youth camp at Malampuzha – 03/03/2017 to 06/03/2017
- 6 members were sent to District Level Disaster Management Camp at Olavakkode – 18/03/2017 to 19/03/2017
- Seven day special camps were conducted from 24/12/2016 to 30/12/2016 and 26/12/2016 to 01/01/2017 at Meetna in Ottapalam Municipality and Kannadi Grama Panchayath.

- Wrote Current Affair questions on boards in each class, as daily activity

### **Women's cell**

A Women's Cell is actively functioning in the college to sort out problems of women in the society and college in particular. The cell aims at sensitizing the community on gender issues. Other aims and objectives include giving career guidance to girls, conducting health awareness classes, arranging classes about community living and conducting seminars on issues related to gender. This is a consortium of women students and teachers for their own development and growth. Different activities are organized to motivate and escort them to lead a better life in society. Seminars and talks are arranged addressing common problems and issues faced by women in present scenario. Each year a group of 5 faculties(a co-ordinator and 4 members) are selected for the smooth conduct of the programme. Women's cell of NSS College, Ottapalam was reconstituted this year with 4 members and a Co-ordinator. Ms. Aparna B(Department of English) is the Co-ordinator and Dr. B.R. Geethakumari (Department of English), Dr. Manju B.L (Head, Department of Physics), Dr. Sumitha K.B (Head, Department of Malayalam) and Ms. Radhika Krishnan (Department of Economics) are the members. The activities of the cell include

- A talk by Mrs. K.R. Indira on Women and the Society, being a supporter of women's movements and a popular writer, she gave new perspectives to the women community of the college on the role and treatment of women in the society
- Ms. Anumol Mathew, counselor, District hospital, Palakkad conducted a interactive session on Domestic Violence: Issues and Solutions.
- Dr. Hemalatha K.K., Head, Department of Zoology delivered a talk on Health Issues Faced by Women

- A seminar entitled 'ALTER/NATIVE WOR(L)DS' was organised in relation with the International Women's Day. A film exhibition and photo exhibition was also conducted as part of it
- A talk by Dr. C.S. Abhilash, counseling psychologist was arranged
- A class on Self Defense Techniques for women was organized; Miss Athira K. and Mr. Abdul Rahim A were in charge of the classes based on the martial art form, Karate
- Cell arranged Yoga classes for the students as a crash course in Yoga- a 14 day programme where the teacher, Ms. Pankajam made them practice postures which can solve the common health issues of girls of adolescent period
- A talk on 'Social Exclusion of Women in the Age of Globalisation' was delivered by Ms. Sheeba K., Assistant Professor of English, Govt. Victoria College, Palakkad
- One day seminar entitled 'Women Reimagining Boundaries' was organized. The theatre and film artist Ms. Hima Sankar and Dr. Sreepriya R. Assistant Professor (Govt. Victoria College, Palakkad) were the chief guests of the two sessions.
- Adv. Anoop Parakkat talk on Domestic Violence and Cyber Violence and Criminal laws.
- Women's Health Seminar Dr. Anitha Viswambaran of Kottakkal Ayurveda Medical College,
- One day programme on Mental, emotional well being of women by Mrs. Nanda Gopakumar from Thiruvananthapuram.
- Workshop on Concentration Building through Yoga by T.N. Vijayakumar, former Principal, NSS College, Manjeri.
- Short term Karate course was organized by Women cell in February.

### **Walk With a Scholar (WWS)**

Walk With a Scholar (WWS) scheme, that introduces the idea of mentoring and builds on the concept of mentor as a 'Guide' and 'Friend' is meant for students in Under Graduate Programs. The scheme is open for 30 students of the first year



of the Under Graduate Programme of Study in a college which will continue till 3<sup>rd</sup> year of their study. It provides needy students with guidance and orientation to prepare students for employment or select areas for higher study. The mentoring scheme is planned to identify the opportunities available for the scholars, the areas suitable for them, and the manner in which the scholar should proceed before them and evolve ways by which they can be acquired. Faculty from respective institutions are the Internal Mentors for the programme, the External Mentors are from Industry and other professions including Engineering, Medicine and Media. Motivational Camps, visits and programmes are conducted as part of the programme. The Scheme aims at giving necessary orientation to needy students, to prepare themselves for employment and give them necessary guidance, motivation and necessary mental support to identify appropriate areas for higher study as well as employment. From various departments 30 students are selected from first year under graduation programme. They are divided into 5 groups of six members under 5 internal mentors. Dr. Sreedevi N Kutty (Department of Zoology) was the co-ordinator during 2014-15 and 2015-16. Current year the co-ordinator is Dr. Sreekanthan (Head, Department of Physics). The programme started in the college during 2014-15 and it reached the 3<sup>rd</sup> year during this academic year. The important activities were

- Personality development classes by Dr. Rengarajan and Dr. Mary Matilda (Retd. Professors, Maharajas college, Ernakulam)
- Career orientation classes by Dr. Sethumadhavan (KVASU, Wayanad) and Dr. Senthil
- Class on confidence building by Dr. Abhilash, Counselling psychologist, Palakkad
- Motivational classes by Dr. K C Mathews, Principal, Marthoma College, Ayur and Mr. Nissar
- Mental support class by Dr. C N Balakrishnan, Psychologist, Calicut
- Class on English communication Dr. P K Babu, Head, Dept of English, Unity Women's College, Manjeri and Dr. Vijayakumar

- Motivational visit to IIT, Chennai. 30 students were taken to IIT Chennai to make them experience the quality of higher education. A class was arranged by the faculty and students were taken to various departments for a visit
- Praveen, B.Sc Industrial Chemistry was selected to participate the State Motivation Camp at Socio Religious Centre (SRC), Christ Hall, Malapparamba, Kozhikode
- Classes on preparation for competitive examinations like Civil Services by Dr. Alby
- Mock interviews and group discussion by Mr. Rajesh

### **Scholar Support Programme (SSP)**

Scholar Support Programme (SSP) aims at extending personalized additional support to students in chosen subjects of the curriculum, challenging to the student, identified through a systematic result analysis. The main objectives of SSP are

- Personalized additional support to needy students through tutorials
- Supply of study materials and question banks
- Imparting additional lectures and interactive sessions
- Formation of Quality circles in colleges for the programme
- Dissemination of classes through Personal and Web based modes etc.

The college selected a maximum of 6 subjects and 50 students for the Programme, one of the subjects is English (Part I) for 10 students. The other subjects were identified as per the needs of the college and students based on results analysis work for the Scholar Support Programme. A teacher from the same department is appointed to mentor and analyze the students' progress throughout the programme period. Additional classes are taken to make them understand the difficult areas in the respective subject. Dr. Suraja E M (Department of Malayalam) is working as the coordinator of this programme.

### **Additional Skill Acquisition Programme (ASAP)**

Additional Skill Acquisition Programme is a part of the State Skill Development Programme, a joint venture of Department of Higher Education, General Education, Labour and Local Self Government, to increase the skilled manpower in the state. ASAP has embarked on a journey to impart training with the objective of building a pool of skilled personnel with appropriate skills, in line with the requirements of the industry. Being aware of the sweeping changes in the labour market, ASAP aims at creating a new generation of educated and skilled personnel who fills this vacuum. For this, ASAP has set up multiple programmes and training opportunities. The Programmes aims at equipping selected college students with skills in Communication, IT and selected areas of industry and service sectors. At Level 1, ASAP imparts 300 hours of skill training to selected first year students (30 per batch, maximum 2 batches in an institution). Of this, 180 hours is a foundation module comprising of Communication Skills and IT skills and the remaining 120 hours is the module related to the skill sector chosen by the student.

ASAP came in to functioning in the college from 2014-15 academic years. Both the Social and economic background is taken into consideration for selection of students. Those students, who need a job immediately after UG has given a preference during the ASAP selection. Initial batch consisted of 21 students from various departments and later batches contain 26 and 31 students each.

### **Bhoomithrasena club**

The club aims to create awareness among the student community about the hazards of ecological debilitation and the need of a sustainable life style. Here the students are trained in such a way that they help in preserving the natural habitat and create an eco-sensibility. Different talks, debates, seminars and discussions on environmental issues are organized. A total of 138 students are members. The important activities include

- A survey was conducted on traditional farming methods practiced by local farmers for collecting data about the traditional knowledge

- A programme for encouraging the utility of organic farming and spread the message of health hazards in use of pesticides and other harmful chemicals
- Maintains a herbal and vegetable garden in the college
- Cleaning of local water bodies was conducted
- Conducted a comprehensive study to find out the root cause of the pathetic condition of the dying river Nila and planned an eco-restoration of the same
- One day seminar on medicinal plants and their exhibition was organized
- A clean campus programme to eradicate plastic waste was arranged
- 2015 environmental day was celebrated by planting trees and conducting poster exhibition.
- One day seminar on ‘conservation of nature & role of human beings’ was conducted
- A poster exhibition and seminar was organized on the importance of ozone layer
- As a part of Gandhi Jayanthi, one week programme of clean campus was organized
- One day seminar on Jaivakrishi for the students was conducted
- 2016 environment day was celebrated by planting trees in the campus
- An exhibition about deforestation and discussion was conducted
- In connection with world water day one day seminar on Nila protection was arranged

### **Tourism club**

This helps the students to understand about the versatility and beauty of nature in Kerala through travelling, video shows, quiz competitions etc. The activities conducted by the tourism club include

- Mr.T.A. Padmakumar (Former Secretary, DTPC, and Palakkad) delivered a lecture on the topic ‘Emerging Trends in Tourism’.
- A booklet containing tourist destinations in Palakkad district published by tourism department was distributed among tourism club members.
- Four students participated in tourism quiz contest organized by DTPC Palakkad in association with Lead College, Dhoni.

- Tourism club members participated in the plastic eradication programme in the college
- Slide show presentation of students: Natural Wonders
- Photography Competition organized at the campus level

#### **Albatross Nature Club**

To make the students aware of the importance and conservation of nature Albatross Nature Club was reestablished in 2016 under the Department of Zoology. Smt. Preethi N is the coordinator of the club. The club conducted various seminars, talks, awareness campaign and surveys to make better relation to nature. The major activities conducted are

- Talk on Wildlife conservation by Mr. Divin Murukesh, Research Scholar
- CED and EMC Kerala sponsored Rally was organized in Ottapalam as part of National Energy Conservation Day on 14<sup>th</sup> December, 2016
- Four selected students got the opportunity to take part in Otter Monitoring Programme at Thootha River, Cherpulassery
- An extension activity was conducted on Energy Conservation under the Urjakiran Programme sponsored by CED and EMC Kerala
- A survey on Campus Birds was conducted during 17-20 February, 2017 and participated in Great Backyard Birds Count (GBBC) 2017 coordinated by eBird, Cornell University

#### **Entrepreneurship Development Club**

During the last four decades, Kerala has attained world wide acclaim for its achievements in the social sector particularly in health and education system. But the performance of the industrial sector has not been keeping pace with the potential of the state. Govt. of Kerala has recognized this factor and has instituted bold and forward looking measures to tap the unique strength of the state aimed at providing a suitable stimulus for industrial growth. The department of industries and commerce, Govt. of Kerala in association with education department formulated a scheme to set up entrepreneurship development clubs in schools and colleges of the state to inculcate

entrepreneurship culture amongst youth and equip them with the skills, techniques and confidence to act as good entrepreneurs. The ED club is run by department of commerce and Smt. Premeela is the co-ordinator. It was officially inaugurated by Smt. Lino George. The various activities organised by ED club are

- A regional seminar on entrepreneurship was organised in order to develop entrepreneurial skill among the students. The resource person for the seminar was Smt. Lino George, Industrial Officer, Taluk Industrial Office, Ottapalam
- An awareness seminar on the handloom sector was organised in association with handloom cloth directorate, Thiruvananthapuram and DIC. Resource person for the seminar was T.M.Sankaran, Marketing manager, Retired, Hantex.
- A quiz competition was conducted for the students
- An exhibition cum sale of handloom clothes
- A regional seminar on role of SSI in Indian economy was organised Professor T.N. Krishnan (Retired HOD, Dept of commerce, NSS college, Ottapalam) was the resource person for the seminar
- A regional workshop on self employment programme was organised. Various trainings were provided on soap making, agarbathi making, jewellery making and online trading.
- A regional seminar on entrepreneurship development programme among youth was organized, Shri. Basheer. P.A, Assistant District Industrial Officer was the resource person for the seminar
- An interactive session with a successful woman entrepreneur Smt.Bageerathi, MD, Amrutham food products was conducted

### **Red Ribbon Club**

The club stands for invoking awareness about AIDS and promoting merciful attitude towards the AIDS patients. There are 200 members in this club and Mr. Vijayagovindan (Department of Mathematics) is the Co-ordinator. In the current academic year Department of Zoology is taking care of this club.

- AIDS awareness class was organized
- Rally and Pledge was conducted in connection with AIDS Day
- Quiz Competition and invited lectures were organized on National youth day

**EVALUATIVE REPORTS OF THE  
DEPARTMENTS**



## **Evaluative Report of the Departments**

### **ENGLISH**

1. Name of the department: English
2. Year of Establishment: 1961
3. Names of Programmes / Courses offered : UG, PG
4. Names of Interdisciplinary courses and the departments/units involved:  
None
5. Annual/ semester/choice based credit system (programme wise): Choice Based Credit and Semester System
6. Participation of the department in the courses offered by other departments: Open courses
7. Courses in collaboration with other universities, industries, foreign institutions, etc.: None
8. Details of courses/programmes discontinued (if any) with reasons: None
9. Number of Teaching posts

<b>Designation</b>	Sanctioned	Filled	Actual (including CAS & MPS)
Professor			
Associate Professors		3	
Asst. Professors	12	7	7
Guest Faculty	2	2	2

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

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D./M.Phil. students guided for the last 4 years
V.JAYAKRISHNAN	M.A., M.Phil	Associate Professor	Poetry	30	
Dr. K. USHA	Ph.D	Associate Professor	Women's writing	30	6
Dr.B.R.Geethakumari	Ph.D.	Associate Professor	Poetry	19	
Dr.Sangeetha Varma	Ph.D	Assistant Professor	Literary theory	10	
Aparna B.	M.A., B.Ed.	Assistant Professor	Women's Studies	6	
Anand B.	M.A., M.Phil.	Assistant Professor	Cultural Studies	3	
Aneeshya V.	M.A., B. Ed.	Assistant Professor	Indian Literature	3	
Aswathy G.	M.A.	Assistant Professor	Film Studies	3	
Harinarayanan S.	M.A.	Assistant Professor	Film Studies	3	
Deepthy C.	M.A.	Assistant Professor	Modern Poetry and fiction	5	
Rosha K V	M.A	Guest Faculties	Gender Studies	2	
Sreedhanya R V	M.A	Guest Faculties	ELT	3	
Harsha K V	M.A	Guest Faculties	Fiction	2	

11. List of senior visiting faculty: Dr. Mridula R, Dr. Sarojini Sudha, Dr. A.K. Shylaja.
12. Percentage of lectures delivered and practical classes handled(programme wise) by temporary faculty: UG- 16%
13. Student -Teacher Ratio (programme wise): Core: 14:1, General: 85:1 PG 8:1
14. Number of academic support staff (technical) and administrative staff; sanctioned and filled: None

15. Qualifications teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil / PG.:  
Ph.D-3, M.Phil.-2, M.A-5
16. Number of faculty with ongoing projects from National funding agencies and grants received: 2. Total fund received from UGC: 2,87,000
17. Departmental projects funded by DST - FIST; UGC, DBT, ICSSR, etc. and total grants received: None
18. Research Centre /facility recognized by the University: No
19. Publications:

**Books:2**

**2016-17**

1. Dr.K. Usha “Shifting Identities: Polyphonic Voices in Jhumpa Lahiri’s Unaccustomed Earth.” Proceedings of Interpreting Short Stories of the Post-1950’s UGC Sponsored National Seminar Dept. of English, Shri M.D.Shah Mahila College, Mumbai 91-96. ISBN978-93-8546-258-0
2. HariNarayanan translated article titled " Wounded Animal Writes it's History. Portraits of Colonialism SUBALTERN SPEAK Govt College Tripunithura March 2016. ISBN :978-93-5258

**Journals: 5**

1. Aparna.B“Today’s Saddest Song” Poem published in The Criterion: An International Journal in English, Vol.7, Issue 1, February 2016. ISSN 0976-8165
2. Aparna.B. “Lesbian Gothic” in American Literature: Psycho-Social Interventions in a Straight World in the Journal Pursuits, 2016
3. Aparna B. “The Intricate Spectrum of Temporal Displacement and Real/ Imaginary Nostalgia in the Character Portrayal of Anita Desai”,The Criterion: An International Journal in English: , Vol.8, Issue 1, 26-30. February 2017. ISSN 0976-8165.
4. V. Jayakrishnan. “Three Poems: Ulysses, Nosferatu, Demono” in Levure Litteraire: Magazine International Numeru; Issue 10. ISSN 2268-9915.
5. Aparna.B. Kavitha Kaavalaavumbol - Navamalayali, March 19, 2016

**2015-16**

**Books:3**

1. Dr.Sarojini Sudha “Carnavalesque Humour in Bama’s Sangati” *Humour: Texts, Contexts* Eds. P.P.Ajayakumar, Lal.C.A, Kalyani Vallath. Creative Books, New Delhi, 2015. (282-288).ISBN: 978-81-8043-117-3.
2. Dr.K.Usha “Salman Rushdie, The Shah of Blah: Humour as Tool in Haroun and the Sea of Stories” *Humour: Texts, Contexts* Eds. P.P.Ajayakumar, Lal.C.A, Kalyani Vallath. Creative Books, New Delhi, 2015. (373-381).ISBN: 978-81-8043-117-
3. Dr.B.R. Geethakumari. “Existence and Essence in Kamala Das.” New Thoughts. ISBN 978-81-926565-0-2.

**Journals:**

1. Dr. K.Usha. “Making Histories: Alternate Versions of Mughal History in Taj and Shadow Princess.” *Literary Miscellany. An International Journal of Literary Studies.* Vol4.No1-2.,Jan Dec2015. 91-103ISSN 2230-7451
  2. Dr. Sarojini Sudha “Shattered Childhood: Trauma and Child Abuse in *The Kite Runner* and *The God of Small Things* *Luminaire.* Vol 5/Issue2/Feb.2015. ISSN: 2249 2542
  3. Dr.B.R.Geethakumari. “Black and Gray” in Human Nature: Pessimism in Graham Green’s Heart of The Matter. *Alformine.* Vol.3. No.2. September 2015.
- Number of papers published in peer reviewed journals (national / international) by faculty and students: 5
  - 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.): 7
  - Chapter in Books:3
  - Books Edited: Nil
  - Books/articles with ISBN/ISSN numbers with details of publishers: 5 articles in
  - journals, two in books. Publishers: Creative Books, Subaltem Speak.
  - Impact factor: 3

20. Areas of consultancy and income generated: None
21. Faculty as members in
  - a) National committees: None
  - b) International Committees: None
  - c) Editorial Board: None
22. Student projects
  - a) Percentage of students who have done in-house projects including inter departmental/programme: 100%
  - b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/ other agencies:NA
23. Awards / Recognitions received by faculty and students: Nil
24. List of eminent academicians and scientists / visitors to the department:
  1. Dr. N. Narasimhamoorthy, Dept. of Mass Communication, Bangalore University
  2. Sri. K. Krishnakumar, Speakers Forum
  3. Sajitha Madathil, Theatre Exponent.
  4. Prof. Gopakumar, Member of Anglospace, Thiruvananthapuram.
25. Seminars/ Conferences/Workshops organized & the source of funding
  - a) National: UGC Sponsored National Seminar on Trajectories of Theatre Studies: Including Exclusions
26. Student profile programme/course wise:

Name of the Course/programme	Applications received	Selected	Enrolled		Pass percentage
			M	F	
BA English 2015-16	Centralized Process	39	08	31	89%
MA English 2015-16	Centralized Process	19	0	19	100%

\*M = Male \*F = Female

27. Diversity of Students

<b>Name of the course</b>	<b>% of students from the same state</b>	<b>% of students from other states</b>	<b>% of students from abroad</b>
BA ENGLISH	100%	Nil	Nil
MA ENGLISH	100%	Nil	Nil

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc. ? :NET: 10

29. Student progression

<b>Student progression</b>	<b>Against % enrolled</b>
UG to PG	40%
PG to M.Phil	5%
PG to Ph.D	5%
Ph.D to Post Doctoral	Nil

Other than campus recruitment: 5

Entrepreneurship/Self-employment: 1

30. Details of Infrastructural facilities

- a) Library: Yes
- b) Internet facilities for Staff & Students: Yes
- c) Class rooms with ICT facility: 2
- d) Laboratories: Language Lab

31. Number of students receiving financial assistance from college, university, government or other agencies: 12

32. Details on student enrichment programmes (special lectures / workshops / seminar) with external experts: Department organized special lectures: 3, Regional Seminar-1

33. Teaching methods adopted to improve student learning: Apart from lectures, the teachers adopt ICT enabled teaching-learning methods and

student-centered learning practices to make the learning process more interesting. We also depend on videos of international lectures, seminars and assignments to develop research aptitude in students. Students are motivated to follow innovative and creative learning process and they are encouraged to attend seminars and workshop organized by different organizations. Most important of all, the teachers work together to create interest in students in engaging in the pleasures of literature and also to encourage them to ask questions and develop an individual perspective of their own.

34. Participation in Institutional Social Responsibility (ISR) and Extension activities: Students conduct extension research with the guidance of teachers on various topics. Some examples of the previous extension programmes are as follows:

1. Survey on Punnayurkkulam and Kamala Das- Role of the Locale in Inspiring Creativity.
2. River Nila: A Survey of The River that Was.
3. River Bhavani: A Survey in Attapadi
4. Myths, Folklores, and Legends of Valluvanad: A Socio-cultural Study
5. Ancestral Homes of Kerala- Cultural and Literary Influences: A Study

35. SWOC(strengths, weaknesses, opportunities and challenges) analysis of the department and Future plans:

The department has a long tradition of illustrious teachers and our alumni have achieved heights in various walks of life. Till two decades ago, the department was one of the few which offered Masters Degree programme in English under the university of Calicut. The department has been able to produce very good results for both UG and PG at the University exams continuously. Devoted teachers and a highly vibrant student community is an asset to the department. Eventhough we have a well stocked central library in the college, and the students have free access to the books, we have certain limitations with the department library as the library system

is a centralized one and we can borrow only limited number of books for exclusive use in the department. This academic year it is decided to buy three lakh worth of books and equipments for the department. The language lab also is equipped with all the facilities to train students in language use.

The one major challenge in front of the department is the students' difficulty in learning and using English language. Since most of them come from lower middle class or working class families, they are more accustomed to Malayalam medium of education rather than English. The Language Lab helps a lot in solving this problem, still mostly, the English main students only can avail this facility. We are not so sure whether this is a challenge or opportunity, but the teachers take it as both. There are many opportunities available for the department, and the most important is the possibility of its development as a Research Centre. Two teachers in the department are pursuing Ph.D and the other 3 young teachers are planning to begin their Ph.D in the near future. Many of the students are also doing their higher education courses like M.Phil and Ph.D in many universities in India. The English literature course also offers students an opportunity for higher education in Journalism, Mass Communication, MBA, MSW etc. There is future scope for involving the alumni of the college in undertaking more ambitious projects for the department.

**Future plans:** The first priority in our plans is given to the publication of a research journal from the department. With the help of the young hands and the advice of the senior teachers in the department, we expect this to happen very soon. And the second priority is given to make the department a Research centre. We also wish to make the degree classes smart class rooms so that they feel more comfortable blending technology and academic activities. Other goals are to buy more books for the department library and improve the facilities in the language lab so that more students can be accommodated. We also intend to make more additions in infrastructural facilities.



## **HINDI**

1. Name of the department- Hindi
2. Year of Establishment 1961
3. Names of Programmes /Courses offered (UG, PG, M.Phil, PhD, Integrated Masters; Integrated PhD etc.) -B.A Hindi Programme (UG)
4. Names of Interdisciplinary courses and the departments /units involved
5. Annual/semester/ choice based credit system (programme wise) - Semester
6. 6. Participation of the department in the courses offered by other departments - Yes. Second Language & Open Course Classes
7. Courses in collaboration with other universities, industries, foreign Institutions, etc. - Nil
8. Details of courses/programmes discontinued (if any) with reasons. - Nil
9. Number of teaching posts - 5

<b>Designation</b>	<b>2016-2017</b>	
	<b>Sanctioned</b>	<b>Filled</b>
Professors	-	-
Associate Professors		2
Assistant Professors	5	2

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

Name	Qualification	Designation	Specialization	No. of years of Experience [1/1/2017]	No. of Ph.D Students guided for the last 4 years
Dr.Sreelatha.T.R	M.A,Ph.D, B.Ed	Associate Professor	Criticism	28	-
Dr.Sreedevi.G	M.A,Ph.D, M.Phil B.Ed, Diploma in Translation	Associate Professor	Essays	23	-
Dr.Sajeev.K	M.A,Ph.D, B.Ed	Assistant Professor	Novel	13	4
Manjula.P.S	M.A,M.Phil, NET, SET	Assistant Professor	Poetry	3	-
Nisha.P	M.A,M.Phil, NET	Guest Lecturer	Story	8	-

13. List of senior visiting faculty

1. Dr.R.Surendran [Retd. Associate Professor & HOD, Calicut University]
2. Dr.Sudha.Balakrishnan [Retd. Associate Professor & HOD, Calicut University]
3. Dr.P.Prabhakaran [Retd. Associate Professor & HOD, GVC, Palakkad]
4. Dr.K.Sreedharan [Retd. Associate Professor & HOD, NSS College, Ottapalam]

5. Dr.T.G.Vijayakumar [Retd. Associate Professor & HOD, NSS College, Ottapalam ]
6. Dr. venu [Retd. Associate Professor & HOD, GVC, Palakkad]
7. Dr.Raveendran Mavingal [Retd. Associate Professor, SKVC, Thrissur]
8. Dr.E.Premakumari [Retd. Associate Professor & HOD, NSS College, Ottapalam]

14. Percentage of lecturers delivered and practical classes handled

(programme wise) by temporary faculty - 19%

15.. Student –Teacher Ratio (programme wise) –Core 20 : 1, Common 90 : 1

16. No. of academic support staff (technical) and administrative staff; sanctioned and filled -Nil

17. Qualification of teaching faculty with DSc/D.Litt/Ph.D/M.Phil/PG:

Ph.D - 3 M.Phil - 3 PG - 5

18. No. of faculty with ongoing projects from a) National funding agencies and grants received -

1. Minor Project, UGC [.65 lakhs - 2014-16] -Dr. Sajeev.K

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

20. Research Centre/facility recognized by the university – Nil

**1. Publications:**

a).Publication per faculty

Name of Book	Name of Articles
<b>Dr.Sreedevi.G.</b>	
“Kubernath Rai ke Lalith Nibandh” (2014) Jawahar Publication [ISBN-978-81-8111-286-6]	“Adhyayan Naye Paripreshya mem” (N.S.S.College,Research Journal,’Visthas’ January 2005)
<b>Dr.Sajeev.K.</b>	
”A Grammar and Work book of Hindi”,[2012] (Srihari Publications)[ISBN-81924853-2-3]	Former Columnist 20 articles published in various journals on cultural, social and political issues.

<p>”A Biography of Kerala Varma Pazhassi Raja Pioneer to Indian Independence” [ISBN-978-81-8111-283-5]</p> <p>”Pehala Raja” (Hindi Drama- A study material—published by Calicut University Co-operative society)</p> <p>Anmol Rathn [October, 2009] [ISBN-81-87430-36-2] Meridian Books, Thiruvalla</p> <p>”Nadan pattukal Samaharam”(2010)</p> <p>”Goonch-Anugoonch”(Jan,2010) [ISBN-81-87430-42-7] Meridian Books, Thiruvalla</p> <p>Premchand yugeen Hindi upanyasom mem Dharmic vikruthiyam ( January 2012) [ISBN-81-87430-46-X] Meridian Books, Thiruvalla</p> <p>Keral- Samay aur Sanskruthy (October, 2012) [ISBN-81-924853-0-7]</p> <p>”An Illustration of Bhagavatha Mahathmyam” Azadi ka Agradooth-“Kerala Varma Pazhassi Raja”(2014 ) [978-81-8111-283-5] 4 Books translated to Hindi for “KILA”, Thrissur, for the popularization of Decentralised governance in Hindi speaking area</p>	<p>“Nuthan Savera” (Hindi) -Fortnigtly published from Mumbai-(2002-2004)</p> <p>”Lokayath” (Hindi)- Fortnigtly published from Delhi – 2004-09)</p> <p>” Janasatha” Hindi Daily (2009-2011)</p> <p>“Pazhassi Raja” article- Koothuparambu Nagarsabha Publication, (2005)</p>
<p><b>Manjula.P.S.</b></p>	
<p>“Aadha Gaav Mein Bharath Vibhajan ka Chitran”, (2013) Jawahar Publication [ISBN-978-81-8111-267-5]</p>	<p>‘Uday Prakash ke Kavitha’ – “Suno Karigar “ mein samaajik Prathibadhatha (Keral Jyothi- Sep, 2013) “Aadha Gaav Mein Bharath Vibhajan ka Chitran”,(Samgrathan, October 2013)</p>

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Number of papers published in peer reviewed journals (national/international)

by faculty and students –

**National**

1. Dr. Sajeev.K [Faculty ]

20 articles published in various journals on cultural, social and political issues.

1. “ Nuthan Savera” (Hindi) -Fortnigtly published from Mumbai- (2002-2004)
2. ”Lokayath” (Hindi)- Fortnigtly published from Delhi – (2004-09)
3. ” Janasatha” Hindi Daily (2009-2011)

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

22.. Areas of consultancy and income generated: Nil

23. Faculty as members in

- a) National committees
- b) International Committees
- c) Editorial Boards

Dr.Sajeev.K - Former Editorial Board Member –

1. 1.”Lokayath” (Hindi) - Fortnigtly published from Delhi – 2004-09)
2. 2.”Janasatha” Hindi Daily (2009-2011)

24. Student projects

- a) Percentage of students who have done in-house projects including inter departmental/programme: 100%
- b) Percentage of students placed for projects in organizations outside the institution i.e. in Research laboratories/Industry/other agencies

25.Awards/Recognitions received by faculty and students

1. Dr.Sreelatha T.R (faculty)

Honoured by her Excellency Governor of Kerala, Smt. Sheila Dikshit in the function of honouring Ph.D holders on 20/5/2014 at SSUS Kalady.

“AKOWA’ - Gramasree Award” presented by All Kerala Orphans Welfare Association on 31/01/2016.

2. Dr.Sreedevi.G(faculty):“Bharatha Pathrika Sahithya Puraskar” in the year 2015 awarded for the study of “KUBERNATH RAY KE LALIT NIBANDH-EK ADHYAYAN ”

Sruthi.P (Student): I Rank in BA Hindi , March 2015

Remya.K.S (Student):I prize in Long Jump and 100 mtr run in the College Athletic Meet 2015-16

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

1. Dr.R.Surendran [Retd. Associate Professor & HOD, Calicut University]
2. Dr.Sudha.B [Retd. Associate Professor & HOD, Calicut University]
3. Dr.P.Prabhakaran [Retd. Associate Professor & HOD, GVC, Palakkad]

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

a) National: A National workshop on “ICT for Teaching and Learning Hindi Language and Literature” on 04/11/2014 organized by Dept. of Hindi, supported by UGC [MRP] at N.S.S College, Ottapalam

b) International – Nil

28. Student profile programme/course wise:

Name of the Course/programme (refer question no.4)	Selected	Enrolled		Pass percentage
		M	F	
B.A.Hindi 2015-2016	35	7	28	78.6

M=Male F=Female

29.Diversity of Students

Name of the Course	% of students from the same state	% of students from Other states	% of students from abroad
BA.Hindi Programme	100%	Nil	Nil

30. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil Services, Defence services, etc?

Competitive Examination	2016-2017
NET	Priyadarsini.V

31. Student progression

Student progression	Against % enrolled
	2016-2017
UG to PG	62.1% [18/29]

32. Details of Infrastructural facilities

- a) Library - Nil
- b) Internet facilities for staff & Students - Yes
- c) Class rooms with ICT facility -
- d) Laboratories - Nil

33. Number of students receiving financial assistance from college, university, government or other agencies - 54

Scholarships	2016-2017
Hindi Scholarship [Central Govt:]	11
Govt: Scholarship [ SC ]	22
KPCR	17
Jeeva Karunya Scholarship	1
PTA Scholarship	1
Scholarship for Muslim girls	1
Syamaladevi Endowment	1

34. Details on student enrichment programmes (special lecturers/workshops/seminars)

- Conducted seminars, Special Lectures etc for students with external experts every academic year.
- National workshop conducted [2014], topic on “ICT for Teaching and Learning Hindi Language and Literature”-Resource person –Dr. Jayaprakash Babu C ( Faculty, Pondichery University)

35. Teaching methods adopted to improve student learning

Conventional methods, Distribution of Lecture notes, Books, CDs, etc helps to improve Student learning. Conducted regular test papers, Seminars, Assignments, Project work etc.

36. Participation in Institutional Social Responsibility (ISR) and Extension activities

Participation of Faculty member in Extension activities related to the Decentralized Governance and Panchayath Raj.

Decentralized Governance Kerala Institute of Local Administration [KILA]

1. SCERT Hindi syllabus revision committee
2. Pre-marital counseling, Anti-Liquor campaign and Life style diseases of Nair Service Society
3. N.S.S. Human Resource Cell
4. Ethics Committee, P.K. Das Medical College, Vaniyamkulam
5. Official Language Advisory Board -Rubber Board, Kottayam.
6. Managing Committee, Bharatheeya Vidya Bhavan School, Ottapalam.

**Extension Activity.of the Dept:**

Conducted Hand embroidery classes for women and distributed Certificates to those who successfully completed the course.

37. SWOC analysis of the department and Future



**Strength**

1. Ph.D holders - 3 M.Phil -2
2. Publications - (Books & Articles)
3. Participation in the University Bodies
4. Attended several Seminars and Faculty improvement programmes
4. Extension activities related to the De-centralized Governance and

Panchayath Raj.

**Weakness**

1. No PG Course [MA Hindi], Dept: Library and Language lab
2. No Research Centre

**Opportunities**

Journalism, Media, Bank, Tourism, Teaching (in colleges and schools) and Central Govt: offices are offering opportunities.

**Challenges**

1. Low profile students are seeking admission to Hindi.
2. General attitude towards Language.

## **Malayalam**

1. Name of the department: Malayalam
2. Year of establishment: 1968
3. Names of Programmes/ courses offered: UG (B.A Degree in Malayalam)
4. Names of Interdisciplinary courses and the Departments / units involved: Nil
5. Annual /semester/CBCS (programme wise): Semester (CUCBCSS)
6. Participation of the department in the courses offered by other departments: Nil
7. Courses in collaboration with other universities, industries, foreign institutions, etc. : Nil
8. Details of courses/ programmes discontinued (if any) with reasons: Nil
9. No. of teaching Posts :

	Sanctioned	Filled
Professors		
Associate Professors		
Assistant Professors	5	5

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

Sl. no	Name	Qualification	Designation	No. of years of experience	No. of Ph.D students guided for the last 4 years
1	Dr.K.B.Sumitha	MA.M. Phil, Ph.D, NET	Assistant Professor	8 years	
2	Dr.E.M.Suraja	MA,B. Ed Ph.D, NET	Assistant Professor	4 years	
3	Dr.Rajeswari.C	MA,B. Ed, Ph.D, NET	Assistant Professor	1year3 months	
4	Dr.Sudina.L.S	MA,B. Ed M.Phil, Ph.D, NET	Assistant Professor	8 months	
5	Smt.Latha.P	MA. M.Phil, NET	Assistant Professor	8 months	

11. List of senior visiting faculty : Nil

12. Percentage of lectures delivered and practical classes handled  
(programme wise) by temporary faculty: Nil

13. Student / teacher ratio (programmewise): Core course - 21:1  
Common course - 92:1

14. No. of academic support staff (technical ) and administrative staff;  
sanctioned and filled : Nil

15. Qualifications of teaching faculty with DSc/./D.Litt./Ph.D/M.Phil., PG :

Ph.D	M.Phil	PG
4	3	5

16. No. of faculty with ongoing projects from a) National funding agencies and grants received : 2 projects (national)

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

18. Research centre/ facility recognized by the university : Nil

19. Publications :

a) Publication per faculty

<b>Title</b>	<b>Journal</b>
<b>Dr.K.B.Sumitha</b>	
1.Samuhya Vimarsanam Malayala Natakangalil	Aramam
2.Prachinakavithayile Samuhyavimarsanam Thullal Vare	Kavana kaumudi
3.Malayala Cherukathakal-Realisathinte Kalaghatam	Issn no.0975-8941 Research lane Issn 0974-1984 23208317New Numbers& Letters
4.Samuhya Vimarsanam Malayalacherukathakalil	Mannum samskaravum 97881922321457
5.En.Vi Kavithakalile Samuhya Vimarsanam	
6.Penmayum Paristhithiyum-Sugathakumarikavithakali	
7.Palakatan Anushtana Kalayile Puthan Thira –Swarupavum Samvidhanavum	
<b>Dr..E.M.Suraja</b>	
1.Aikutathinte Akhyanangal	Sahithyalokam
2.Nirupakante Vayanakal	Sahithyachakravalam
3.Sahithyathile Swargaduthan	
4.Bhashakalute Chavukatalinu Mumpil	Thunchn research journal

5. Uppinum Chorinum Vendi Balikotukunna Neruketatha Suryan	Vallathol vidyapitam avana kaumudu
6. Kutikrishna Marar-Amukham Avasyamillaatha Nitoopakan	Kavana Koumudi Kathayute bahuwaratha, green books
7.Pavakalku Jivan Vekkumpol	Ottakkavithapatanangal- vallathol vidyapitam
8.Ivarariyunnilennabhimanam	Meridian – 2278750,mes asmabi college
9.Onathinte Charithravum Varthamanavum	Sahithya chakravalam
10.Kavithayute Varthamanam	Sk.vasanthan samadarana samithi, thrisur.
11. Sathyam,Sivam,Sundaram	Sahithya chakravalam
12.Samrudiyute Varthamanam	Sahithya chakravalam
13.Vimarsanaththinte Sukshmadarsini	Sahithya chakravalam
14.Vatakanpatukalute Vismayaloka	Sahithya chakravalam
<b>Dr.Rajeswari.C</b>	
1.Kavithayute Ilam Thalirum Porulum	
2.Kalathinte Kavya Suchi	
3.Agolachithayulla Kathakal	

b) Article/chapters published in books

Name of faculty	Book title, Editor & publisher	ISSN/ISBN NO.
Dr.K.B.Sumitha	Kinchana varthamanam- nambyar kavithapatanamEdi: Dr.Rajesh ramachandran	9789351745297
Dr.Rajeswari.C	balikasadanam- prameyavumm, avishkaravum	dcbooks

C) Number of publications listed in International Database (for eg. Web of science ,scopus, Humanities International Complete, Dare Data base/ International Social Science Directory, EBSCO host, etc. ) Nil

20. Areas of consultancy and income generated : Nil

21. Faculty As Members In

a) National committees, b) International committees, c) Editorial boards

22. Student projects

a) Percentage of students who have done in house projects including inter departmental/programme : 100%

b) Percentage of students placed For Projects In Organizations outside the institution i.e in Research laboratories/Industry/other agencies : NIL

23. Awards/recognitions received by faculty and students

Vailoppilly Kavitha Sahithya Puraskaram 2004 – Dr.E.M..Suraja.

Sahithya Manjari Puraskaram 2011 – Dr.E.M.Suraja

Sreesanth 3<sup>rd</sup> BA Malayalam,Cherukatha puraskaaram

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

<b>Name of academicians/ scientists/visitors</b>	<b>Designation</b>
Sri.Sethumadhavan machad	News producer, Doordarsan kendram, Thiruvananthapuram, and writer
Dr.P.M.Sreedharan	HSST, GMMGHSS and Scholar
Sri.Laljose	Film-director
Prof.G.Kumara pillai	Former director, School of drama, Thrissur.
Dr.N.R.Gramaprakash	Registrar, kerala kalamandalam.
Dr.K.G.Paulose	Vice Chancellor, kerala kalamandalam.
Sri.Sreechithran	Writer, media

Dr.A.N Krishnan	Retd. Prof., critic
Dr.Jayanthi	Asso.prof.,sreesankaracharya university of Sanskrit, & kutiyatam artist
Dr.S.K.Vasantha	Retd. Prof., critic, scholar
Sri.K.P.Sankaran	Retd. Prof., critic, scholar
Sri. Balachandran Vadakketath	critic, scholar, sahithya academy member.
Sri.Raghunathan parali	Critic, Secretary ,samasthakerala sahithya parishath.
Prof.G.Dileepan	Retd. Prof., Director, Natyasasthra, kaTampazhippuram
Sri. Rajiv	Principal, TRKHSS, Vaniyamkulam,Recite
Sri.Kalpata Narayanan	Retd. Prof., critic, scholar
Sri.RajendranEdathumkara	Asst. Prof., Madappalli Govt: College, & critic
Smt.M.P.Pavithra	Story writer, HOD, Depat. Of Malayalam, SNGC, Coimbatore.

25. Seminars/Conference/ Workshop organized & the source of funding

a) National : 2 UGC

27.. Student profile programme/coursewise:

Name of the course/programme	Application received	Selected	Enrolled		Pass percentage
			*M	*F	
B.A.MALAYALAM 2015-2016	Online	28			92.3%

28. Diversity of students

Name of the course	% of students from the same state	% of students from the other state	% of students from abroad
BA MALAYALAM	100	NIL	NIL

26. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, CIVIL SERVICES, Defence Services, etc? NIL

29. Student progression

Student progression	Against % enrolled
UG to PG	20
PG to M.Phil	
PG to Ph.D	

30. Details of Infrastructural facilities

- a) Library
- b) Internet facilities for staff & students
- c) Class rooms with ICT facility
- d) Laboratories

31. Number of students receiving financial assistance from college, university, government or other agencies

	2011-12		2012-13		2013-14		2014-15	
	Male	Female	Male	Female	Male	Female	Male	Female
KPCR	1	19	1	22	1	20	4	21
SC	6	14	3	15	1	17	3	16
ST	-	1	-	-	-	-	-	-
E-GRANT								



32. Details on student enrichment programmes (special lectures/workshops/seminar) with external experts.

33. Teaching methods adopted to improve student learning.

- Group Learning,
- Interaction,
- Remedial Teaching,
- Conventional Method,
- Advanced Methods Like Smart Class Rooms.

34. Participation in institutional social responsibility (ISR) and Extension activities.

35. SWOC analysis of the department and future plans

**Strength**

- Unity of different languages
- Dedicated team work
- Strong desire for existence and development of mother tongue
- 100% of staff having research background.

**Weakness**

- Absence of PG and Research background
- Inadequate fund and poor infra structure

**Opportunity**

- Language lab
- PG, Research Centre

**Challenges**

- Lack of interest of new generations towards language ,literature and traditional UG courses.

**Future plan**

- Language lab
- PG Course and, Research Centre
- International seminars and workshops
- Inter collegiate programmes

## **ECONOMICS**

1. Name of the department: ECONOMICS
2. Year of Establishment: 1969
3. Names of Programmes / Courses offered: UG, PG,
4. Names of Interdisciplinary courses and the departments/units involved: Nil
5. Annual/ semester/choice based credit system (programme wise):  
BA – CBCSS, MA CUCSS
6. Participation of the department in the courses offered by other departments: SUBSIDIARY PAPER FOR HISTORY DEPARTMENT
7. Courses in collaboration with other universities, industries, foreign institutions, etc.- Nil
8. Details of courses/programmes discontinued (if any) with reasons - NA
9. Number of Teaching posts

	<b>Sanctioned</b>	<b>Filled</b>
Professors		
Associate Professors	-	-
Asst. Professors	<b>7</b>	<b>7</b>

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

Name	Qualification	Designation	Specialization	Year of Experience	P.hD Scholars
DR. MAYA C PILLAI	MA, M.Phil, Ph.D.	Assistant Professor	Econometrics, Macroeconomics	12	NIL;
ANURADHA P	M.A. B.Ed NET	Assistant Professor	Indian Economy, Migration -	5	-
VISHNU P S	M.A. NET	Assistant Professor	Macro Economics, International Economics	5	
RADHIKA KRISHNAN	M.A. B.Ed, NET	Assistant Professor	Agricultural Economics	5	
HARIKRISHNAN M	MA, NET	Assistant Professor	Micro Economics	3	-
SAJITHA P P	MA, NET	Assistant Professor	Public Finance	3	
RAHUL V KUMAR	MA, M.Phil (IR), M.Phil (Applied)	Assistant Professor	Conflict and Economic Development	2	

11. List of senior visiting faculty- Nil
12. Percentage of lectures delivered and practical classes handled(programme wise) by temporary faculty- Nil
13. Student -Teacher Ratio (programme wise)
  - BA- 40 : 1
  - MA- 8 :1

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled - NA

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

D.Sc	D.Litt	Ph.D	M.Phil	PG
		1	2	6

16. Number of faculty with ongoing projects from

a) National: 5

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

18. Research Centre /facility recognized by the University - Nil

19. Publications:

- Publication per faculty- 5
- Number of papers published in peer reviewed journals (national / international) by faculty and students- 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
- Chapter in Books- 2
- Books Edited- Nil
- Books with ISBN/ISSN numbers with details of publishers:

Name	ISSN/ ISBN	Topic
Dr. Maya C Pillai	ISBN 978-81-89630-66-9	Some issues on capital convertibility in the indian economy
	ISBN 978-93-83241-36-1	Shift in regional composition of labour migration in kerala-a focus on cautionary aspects”
	ISBN 936597747-4	Towards more inclusive and complementary growth- indian fertiliser industry
Radhika Krishnan	ISBN978-821-924688-4-6	The fiscal position of kerala economy an analysis

20. Areas of consultancy and income generated- Nil
21. Faculty as members in b) International Committees c) Editorial Boards- Nil
22. Student projects
- a) Percentage of students who have done in-house projects including inter departmental/ programme: 100%
- b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/ other agencies: Nil
23. Awards / Recognitions received by faculty and students- Nil
24. List of eminent academicians and scientists / visitors to the department:
- Venkatesh Athreya, MS Swaminathan Research centre , Chennai
  - Prof. Ljibica Knezevic, Czechoslovakia
  - Dr. V.K. Vijaya Kumar, GEOJIT BNP PARIBAS
  - Dr. Visakhavarma, KKTU Govt. College, Kodungallur
  - Usman Sheriff Koori, Deputy Director, Dept of Economics & Statistics, Palakkad

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

26. Student profile programme/course wise:

Name of the course/programme (refer-question.no.4)	Application received	Selected	Enrolled		Pass Percentage
			M	F	
<b>BA Economics</b>					
2011-12	Centralized Process	57	14	43	86%
2012-13	Centralized Process	60	11	49	77%
2013-14	Centralized Process	59	13	46	100%
2014-15	Centralized Process	60	6	54	58%
<b>MA Economics</b>					
2011-12	Centralized Process	18	4	14	100%
2012-13	Centralized Process	19	0	19	100%
2013-14	Centralized Process	18	0	18	100%
2014-15	Centralized Process	19	0	19	84%

\*M = Male \*F = Female

27. Diversity of Students :

	% of Students from the same State	% of students Students from other States	% of students Students from Abroad
BA Economics	100	Nil	Nil
MA Economics	100	Nil	Nil

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.?

Net	10
Upssc	5
Bank	3
Police/defense	5

29. Student progression

Student Progression	2011-12	2012-13	2014-15	2015-16	2016-17
UG to PG	5	16	4	17	
PG to M.Phil.					
PG to Ph.D.					
Ph.D. to Post-Doctoral					
• Employed	1	7		4	
Enteprenuership and self employment	6	5			

30. Details of Infrastructural facilities

- a) Library: Yes
- b) Internet facilities for staff and students: Available
- c) Class rooms with ICT facility: 2

31. Number of students receiving financial assistance from college, university, government or other agencies

	2011-12		2012-13		2013-14		2014-15		2015-16	
	UG	PG	UG	PG	UG	PG	UG	PG	UG	PG
SC	12	04	12	04	11	4	13	03	10	3
ST	01	00	01	00	00	0	01	00	2	1
KPCR	15	5	20	04	24	10	17	09	14	9
Others	18	6	21	09	15	2	16	05	27	5

32. Details on student enrichment programmes (special lectures / workshops / seminar) with external experts

- Conducted a one day regional seminar on official statistics
- Conducted a one day seminar for PG students on Research methodology
- Conducted a workshop on capital market – emerging trends and live demo of on line trading
- Conducted a one day seminar on Research analysis using SPSS

33. Teaching methods adopted to improve student learning

34. Participation in Institutional Social Responsibility (ISR) and Extension activities

- A short film on gender awareness: Unarthupattu was displayed to the girl students
- Our degree students visited AMLP School Pavukonamand interacted with the students on various issues like environmental awareness and water security
- Conducted socio economic survey of Kumbaran colony, Palappuram and prepared a report
- Food fest season I was conducted and collected about 25,000 rupees from its sale. The proceeds was donated to Thanal Balashramam
- Department conducted FOOD FEST season II Our students made a variety of homemade dishes and collected about 20,000 rupees from its sale. Half of the amount was donated to Ottapalam Welfare trust and the other half to POLYGUARD a home for differently abled children.
- The Department conducted an extension activity programme titled *Punarjani 2016* in association with IRTC , Mundur, Palakkad and conducted an exhibition cum sale
- A Socioeconomic survey of the Old aged was done by II MA students who visited Kripa Sadan Malampuzha and interacted with the inmates. A health awareness class on breathing techniques was also conducted



35. SWOC analysis of the department and Future plans:

Strength	<ul style="list-style-type: none"><li>• Qualified and committed staff with a blend of experience and young dynamism</li><li>• Ongoing minor research projects and participation in seminars and workshops</li><li>• Well equipped libraries and facilities for smart classes</li><li>• Effective teaching-learning Process</li></ul>
Weakness	<ul style="list-style-type: none"><li>• Lack of awareness of employment opportunities after course completion and therefore lack of motivation among the students</li></ul>
Opportunities	<ul style="list-style-type: none"><li>• Skill development programmes like online trading</li><li>• Conducting bridge courses to enhance awareness about job opportunities</li><li>• Conduct of NET coaching classes</li></ul>
Challenges	<ul style="list-style-type: none"><li>• Dropout of girl students with good academic records due to early marriage</li><li>• Updating the syllabus to make it more job oriented</li></ul>
Future plans	<ul style="list-style-type: none"><li>• To update the syllabus to be more application oriented to increase employment opportunity</li><li>• Conduct programmes to improve student motivation and communication skills</li></ul>

## HISTORY

1. Name of the department : Department of History
2. Year of Establishment : 2014
3. Names of Programmes / Courses offered :History U.G. ProgrammeNames of Interdisciplinary courses and the departments/units involved:Economics and Travel and Tourism, Historical Tourism
4. Annual/ semester/choice based credit system (programme wise) : CCSS
5. Participation of the department in the courses offered by other departments : Essentials of economics offered by the dept. of Economics
6. Courses in collaboration with other universities, industries, foreign institutions, etc. : Not Applicable
7. Details of courses/programmes discontinued (if any) with reasons : Not Applicable
8. Number of Teaching posts  
Associate Sanctioned -1, Assistant Professor – 1, Guest Faculty – 3.
9. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt.Ph.D. / M. Phil. etc.,)

Name	Qualification	Designation	Specialisation	No. of years experience
Dr. V PDevadas	MA, LLB, PhD	Associate Professor	Ancient History & Archeology	22
Dr. K V Ragesh	MA, M.Phil., Ph.D.	Guest Faculty	Modern History & Social Theory	-
Rigesh C	MA	Guest Faculty	-	-

10. List of senior visiting faculty : No
11. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty : 10%

12. Student -Teacher Ratio (programme wise) : - 40 : 1

13. Number of academic support staff (technical) and administrative staff; sanctioned and filled: Nil

14. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil / PG. :  
Mphil & PhD

15. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received: Nil

16. Departmental projects funded by DST - FIST; UGC, DBT, ICSSR, etc. and total grants received: nil

17. Research Centre /facility recognized by the University : Not Applicable

18. Publications: Separate sheets attached

\* a) Publication per faculty

\* Number of papers published in peer reviewed journals (national / international) by faculty and students

Areas of consultancy and income generated Faculty as members in

a) National committees b) International Committees c) Editorial Boards

19. Student projects

b) Percentage of students who have done in-house projects including inter departmental/programme: 100%

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

20. Awards / Recognitions received by faculty and students

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

- Prof. K. Krishnan, Professor and Head, Department of Archaeology and Ancient History, The Maharaja Sayajirao University of Baroda
- Prof. M G S Narayanan, Former Chairman, ICHR, New Delhi
- Dr. P. Sivadasan HOD, History University of Calicut
- Dr. K Gopalan Kutty, former HOD, History University of Calicut
- Dr. M Vijayalakshmi Former HOD, History N S S College Manjeri,

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

a) National:

1. U G C Sponsored Two day National Seminar on The Significance of Ottapalam Political Conference 1921

2. One Day National Seminar on A Talk on Basics of Archeology by Prof. K. Krishnan, Professor and Head, Department of Archaeology and Ancient History, The Maharaja Sayajirao University of Baroda

b) International: Nil

23.Student profile programme/course wise: Newly Sanctioned B A History Programme, First Batch 2014-17 Not yet completed

24. Diversity of Students

Name of the course	% of students from the same state	% of student from other states	% of students from abroad
B.A. History	100%		

25.How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.

: Not Applicable

26.Student progression

27.Details of Infrastructural facilities

a) Library : No Department Library

b) Internet facilities for Staff & Students : Nil

c) Class rooms with ICT facility : Nil

d) Laboratories : Nil

28.Number of students receiving financial assistance from college, university, government or other agencies

29.Details on student enrichment programmes (special lectures / workshops / seminar) with external experts: Nil

30. Teaching methods adopted to improve student learning ICT Method, Lecture Method, Student and centered Method. Apart from class room teaching, we follow a student participatory approach through PPT presentations, oral presentation, assignments, and project work. As part of the syllabus, students are taken on study tour every year to places of historical interest.

31. Participation in Institutional Social Responsibility (ISR) and Extension activities:

Special Coaching for academically backward 10<sup>th</sup> Std student for NSS KPT higher secondary school, Ottapalam

32. SWOC analysis of the department and Future plans

### **Strength**

The study of History is inescapable because the past causes the present and so the future. History courses teach the analytical, interpretive, and writing knowledge and skills necessary for understanding the connections between past and present. History is a pragmatic discipline in which the analysis of change over time involves sifting the influences and perspectives that affect the course of events, and evaluating the different forms of evidence historians exploit to make sense of them. When we study History reasonably well, we acquire some usable habits of mind, as well as some basic data about the forces that affect our own lives; we emerge with relevant skills and an enhanced capacity for informed citizenship, critical thinking, and simple awareness.

### **Weakness**

Comparatively Dept. of history is the eldest one in the college, because of that it is being faces so many problems compare with other departments in the campus. Scarcity of the books, library facility, Infrastructural facility, ICT Facility and absence of permanent faculty are the major weaknesses of the department.

### **Future**

The Nila River Basin, in which the college, is located, in central Kerala, had been one of the earliest riparian human settlements in Kerala. The Department proposes to conduct a detailed survey of the evidences of man-made tools and artifacts right from the Pre-historic days through the Megalithic and early historic Iron Age, and the material culture from the early historic to the late medieval days along the course of the Bhartha Puzha. A preliminary survey conducted in this regard yielded rich results in this regard. The Department would museums these cultural remains in the proposed Museum for Nila River Basin Studies along with archaeologists, historians and geologists, and initiate historical studies of the nature of this riparian culture centred on Bhartha Puzha.

### **Scope**

Knowledge of the past is essential to the society. Without the knowledge of the past it would be without identity. So historical study helps us to understand the present and acts as a guide for the future. It teaches us how bad decisions have led to the catastrophe. History warns us not to cross the limit in certain aspects. It has the characteristics of science and art. Historical study may help us to predict the future. It helps to develop the reason power in man and make him a more reasonable human being. It increases our memory capacity and imagination. Also history gives us a chronological order of events which have sharpened our present. Bachelors of Arts (B.A) in History is a graduate level course. This course is offered to those students who are fascinated with history and would like to learn as well as understand what history is. Apart from giving a person a very good insight into the past, this subject will help a person to explore what all is left behind and what all elements connect these to the ancient forefathers. Historians have the opportunity to get very good jobs with firms not only in our country but also abroad

## **Mathematics**

1. Name of the department: Mathematics
2. Year of Establishment: 1961
3. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.): UG-B.Sc Mathematics,PG-M.Sc Mathematics.
4. Names of Interdisciplinary courses and the departments/units involved: a) Complementary Courses for B.Sc (Physics, Chemistry, Computer Science and IC)  
b) Open Course for all other Departments.
5. Annual/ semester/choice based credit system (programme wise)-  
UG: Choice based credit semester system  
  
PG: Semester system
6. Participation of the department in the courses offered by other departments:  
a) Statistics and Computer Science (Complementary)  
  
b) Open Courses offered by other Departments
7. Courses in collaboration with other universities, industries, foreign institutions, etc: Nil
8. Details of courses/programmes discontinued (if any) with reasons: Nil
9. Number of Teaching posts

	Sanctioned	Filled
Associate Professor		2
Assistant Professor	8	5
Guest Faculty		1

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

<b>Name</b>	<b>Qualification</b>	<b>Designation</b>	<b>Specialisation</b>	<b>No. of years experience</b>
Jayalekshmi.N	MSc, MPhil	Associate professor	Pure maths	30
Dr. Sindhu G nair	MSc,JRF, PhD	Associate professor	Operator theory	20
Sunitha.P	MSc,NET	Assistant professor	Pure maths	11
Vysakh. C	MSc, NET JRF	Assistant professor	Pure maths	4
Sunitha. K.G	MSc,MPhil, NET	Assistant professor	Approximation Theory	3
Vijayagovindan .C	MSc,NET	Assistant professor	Pure maths	2
B. Saravanan	MSc,NET	Assistant professor	Applied Maths	1
Kiran Anand M.P	MSc,Bed, SET	Guest lecturer	Pure maths	

11. List of senior visiting faculty: Nil
12. Percentage of lectures delivered and practical classes handled(programme wise) by temporary faculty: PG: NIL, UG: 15Hrs (11.81%)
13. Student -Teacher Ratio (programme wise) UG 54:1, PG 5:1
14. Number of academic support staff (technical) and administrative staff; sanctioned and filled: NIL
15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil / PG.-  
Ph.D : 1, M.Phil :2, PG: 8
16. Number of faculty with ongoing projects from a) National funding agencies and grants received-2 ongoing projects funded by National agencies : National Funding Agency(UGC)- 2
17. Departmental projects funded by DST - FIST; UGC, DBT, ICSSR, etc. and total grants received: Nil



18. Research Centre /facility recognized by the University: Nil
19. Publications:
  - a) Publication per faculty: 1(Knot Theory in Vistas-an interdisciplinary journal of N.S.S.College, Ottapalam)
    - Number of papers published in peer reviewed journals (national / international) by faculty and students: Nil
    - Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.): Nil
25. Areas of consultancy and income generated: Nil
26. Faculty as members in
  - a) National committees b) International Committees c) Editorial Boards : Nil
27. Student projects
  - a) Percentage of students who have done in-house projects including inter departmental/programme-100% in-house projects for both UG and PG Programmes  
UG: 100% (final year students only)  
PG: 100% (final year students only)
  - b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/ other agencies: Nil
28. Awards / Recognitions received by faculty and students:  
Faculty:Nil  
Students: Dhanya M-Perumbillil Narayana Marar Endowment  
(Given by Nair Service Society)
29. List of eminent academicians and scientists / visitors to the department
  - Dr. Naveenachandran, Retd. Professor of Govt. College, Chittor
  - Sri.Jaison Jacob, ST. Aloysous College, Thrissur

- Dr. P. M. Mathew, Retd. Professor of St. Joseph's College, Devagiri  
Kozhikode
27. Seminars/ Conferences/Workshops organized & the source of funding
28. Regional- 3 Student profile programme/course wise:

Name of the Course	Year	Application Received	Selected	Enrolled		Pass Percentage
				M*	F*	
B.Sc (Mathematics)	2011-12	Centralized Process	46	4	42	86.05
	2012-13		48	17	31	77
	2013-14		48	9	39	89.13
	2014-15		48	5	43	77
	2015-16		46	14	32	80.43
	2016-17		45	17	28	
M.Sc (Mathematics)	2011-12	Centralized Process	19	0	19	83.33
	2012-13		20	4	16	76.47
	2013-14		20	3	17	68.42
	2014-15		19	0	19	78.95
	2015-16		19	2	17	72.22
	2016-17		20	3	17	

\*M = Male \*F = Female

27. Diversity of Students

<b>Name of the course</b>	<b>% of students from the same state</b>	<b>% of students from other states</b>	<b>% of students from abroad</b>
B.Sc Mathematics	100	Nil	Nil
M.Sc Mathematics	100	Nil	Nil

29. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc. ? NET-3, Defence Service-3, SET-6

30. Student progression

<b>Student progression</b>	<b>Against % Enrolled</b>
UG-PG	50%
PG-MPhil	10%
Pg-PhD	20%
Employed	
<ul style="list-style-type: none"> <li>• Campus selection</li> <li>• Other than campus recruitment</li> <li>• Entrepreneurship/ Self employment</li> </ul>	<p>15%</p> <p>30%</p> <p>55%</p>

31. Details of Infrastructural facilities

Library	1(400 Books)
Internet facilities for Staff & Students	1
Class rooms with ICT facility	1
Laboratories	1

32. Number of students receiving financial assistance from college, university, government or other agencies : About 90% Students in each year.
33. Details on student enrichment programmes: (Special lectures / workshops / seminar) with external experts: NET Coaching, Finishing School, Bank Coaching, Academic Interaction Programme
34. Teaching methods adopted to improve student learning: By giving seminars assignments, smart classes, group discussions, viva
35. Participation in Institutional Social Responsibility (ISR) and Extension activities: Nil
36. SWOC analysis of the department and Future plans:-
  - STRENGTH: Course Demand and PG Course
  - Departmental Library with 400 books
  - Enough permanent faculty
  - WEAKNESS: Insufficient research activities and publications
  - Shortage of Infrastructure
  - OPPORTUNITY: Ample demand for placement in teaching, banking and IT field
  - CHALLENGES: Lack of public transport facilities
  - FUTURE PLAN: Upgrade as a research center

**COMPUTER SCIENCE**

1. Name of the department : Department of Computer Science
2. Year of Establishment : 1995
3. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.): BSc. Computer Science, M.Sc. Computer Science
4. Names of Interdisciplinary courses and the departments/units involved: None
5. Annual/ semester/choice based credit system (programme wise):  
BSc. Computer Science - Choice based credit semester system  
M.Sc. Computer Science - Credit semester system
6. Participation of the department in the courses offered by other departments:  
Computer Science is offered as a Complementary course to B.Sc. Mathematics, B.Sc. Physics, B.Sc. Chemistry, and B.Sc. Ind. Chemistry programmes. In addition to this Computer Science is also offered as an Open course in the fifth semester of all other UG programmes.
7. Courses in collaboration with other universities, industries, foreign institutions, etc.:  
Not permitted as per Calicut University Regulations.
8. Details of courses/programmes discontinued (if any) with reasons: None
9. Number of Teaching posts

	<b>Sanctioned</b>	<b>Filled</b>
Professor	Nil	Nil
Associate Professor		4

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

<b>Name</b>	<b>Qualification</b>	<b>Designation</b>	<b>Specialization</b>	<b>No. of Years of Experience</b>
Radhakrishnan K.	MCA	Associate Professor	Algoritham analysis	20
Santhosh R.	MCA	Associate Professor	Data Communication	19
Priyesh K.G.	MCA	Associate Professor	R D B M S	18
Rajesh R.	MCA	Associate Professor	Artificial Intelligence	18
Geetha G. Nair (L.W.A)	MCA	Assistant Professor	Nil	2
<b>GUEST FACULTY</b>				
Dhanya M.	MCA	Guest Lecturer	Data Structurers	4
Subhadra K.	MCA	Guest Lecturer	Theory of Computation	3
Keerthi T.	M.Sc., MPhil.	Guest Lecturer	Advanced Networking	2
Reshmi T.	M.Sc., MPhil.	Guest Lecturer	Knowledge Management and Business Intelligence	1
Jyothsna G.K.	M.Tech	Guest Lecturer	Computer Science	1

11. List of senior visiting faculty: None
12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty : B.Sc.-50%, M.Sc. – 50%
13. Student -Teacher Ratio (programme wise) B.Sc.40:1, M.Sc. 3:1
14. Number of academic support staff (technical) and administrative

staff; sanctioned: 1 and filled: 1

15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ M.Phil / PG  
Ph.D: Nil, M.Phil: 2, PG: 7
16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received: None
17. Departmental projects funded by DST - FIST; UGC, DBT, ICSSR, etc. and total grants received: None
18. Research Centre /facility recognized by the University: None
19. Publications:

Sl. No.	Name of the Faculty	Number of papers published	Impact factor	h-index
1..	Jisha M.V.	7	-	-
2.	Dhanya M.	6	-	-
3.	Subhadra K.	1	-	-
4.	Keerthi T.	2	-	-
5.	Reshmi T.	1	-	-

20. Areas of consultancy and income generated: Nil

21. Faculty as members in:

- a) National committees b) International Committees c) Editorial Boards.... None

22. Student projects:

- a) Percentage of students who have done in-house projects including inter

departmental/programme: 100%

- b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/ other agencies None
23. Awards / Recognitions received by faculty and students None
24. List of eminent academicians and scientists / visitors to the department
- Mr. Manoj M.S., Senior Technical Lead, IOTAP Mumbai
  - Mr. Ajithkumar E., Senior Program Manager, ERICSSON Bangalore
  - Mr. Pratuish A.V. System Architect, Adobe Systems, Bangalore
  - Mr. Sudheendran K., Delivery Program Manager, Sun Tech., USA  
Mr. Vinod Balakrishnan, Delivery Manager, ANZ Bank
  - r. Jayanand G.R, Syndicate Bank Branch Manager, Chandargi,  
Belgaum District, Karnataka
25. Seminars/ Conferences/Workshops organized & the source of funding
- a. National: None
  - b. International: None
26. Student profile programme/course wise:

Name of the Course/programme (refer question no. 4)	Applications received	Selected	Enrolled		Pass percentage
			*M	*F	
2011-12 UG	901	29	12	14	89.66
2012-13 UG	807	27	7	20	85
2013-14 UG	Common Admission Procedure	27	7	20	85
2014-15 UG	CAP	25	5	18	92
2014-15 PG	Based on Entrance Exam	8	4	4	87.5
2015-16 UG	CAP	27	11	16	85
2015-16 PG	Based on Entrance Exam	12	1	11	83.3

\*M = Male \*F = Female



27. Diversity of Students

Name of the course	% of students from the state	% of students from other state	% of students from abroad
B.Sc Computer Science	100		
M.Sc Computer Science	100		

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.?

NET - Three (Aneeshya C.A. 1999-2002, Greeshma M. 2006-09, Liji S.K. 2006-09)

29. Student progression

Student progression	Against % enrolled				
	2011-12	2012-13	2013-14	2014-15	2015-16
UG to PG	48	56	48	44	26
PG to M.Phil.					
PG to Ph.D.					
Ph.D. to Post-Doctoral					
Employed Campus selection	31	22	19	28	37
Other than campus recruitment		4	19	62	42
Entrepreneurship/Self- employment					

30. Details of Infrastructural facilities

- a. Library : Central Library
- b. Internet facilities for Staff & Students: Five computers with internet facility in computer lab for staff and students

c. Class rooms with ICT facility: 3

d. Laboratories: 3

31. Number of students receiving financial assistance from college, university, government or other agencies

Type of Support	No. of students						Amount
	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	
Financial support from institution						1	1500
Financial support from Government	1	1	1	1	1		154000
Financial support from other sources ( <i>Karunya Scholarship</i> )	1	1	1	1	1	1	6000
No. of students who received International/ National recognitions							

32. Details on student enrichment programmes (special lectures / workshops / seminar) with external experts: ASAP, WWS & SSP, Competence building classes

33. Teaching methods adopted to improve student learning: Digital Class Rooms

34. Participation in Institutional Social Responsibility (ISR) and Extension activities

None

35. SWOC analysis of the department

Strengths	Weakness	Challenges
Percentage of students getting admission for higher studies is high	Infrastructural constraints tend to limit the subject choices that can be offered to the students.	To attract more students to this course
Percentage of students getting campus placement is sufficiently high	No research facility	Upgradation to a research centre

## **PHYSICS**

1. Name of the department: PHYSICS
2. Year of Establishment: 1963
3. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.): UG Programme , PG Programme
4. Names of Interdisciplinary courses and the departments/units involved:  
Open course for V<sup>th</sup> semester UG students from other departments
5. Annual/semester/choice based credit system (programme wise): Choice based credit system UG, PG
6. Participation of the department in the courses offered by other departments:  
Open course offered by all other departments for V<sup>th</sup> semester UG students
7. Courses in collaboration with other universities, industries, foreign institutions, etc.: Nil
8. Details of courses/programmes discontinued (if any) with reasons: Nil
9. Number of Teaching posts

	Sanctioned	Filled
Professors	nil	Nil
Associate Professors		2
Assistant Professors	3	1
Guest Lecturers	4	4

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

<b>Name</b>	<b>Qualification</b>	<b>Designation</b>	<b>Specialization</b>	<b>No. of Years of Experience</b>	<b>No. of Ph.D. Students</b>
Sreekanthan.K.N	M.Sc,Ph.D, NET(JRF)	Associate Professor	Nuclear Physics, Thin films	23	
Manju.B.L	M.Sc,M.Phil	Associate Professor	Electronics, Quantum mechanics,	21	
Nayana.K	M.Sc, NET(JRF)	Assistant Professor		5	
Praseedha Haridas Nair	M.Sc	Guest lecturer		3	
Saranya.M.S	M.Sc	Guest lecturer		2	
Praseetha.P	M.Sc,Ph.D	Guest lecturer	Ph.D- Cosmology	1	
Athira Vijayan.C	M.Sc	Guest lecturer		1	

11. List of senior visiting faculty: Nil

12. Percentage of lectures delivered and practical classes handled(programme wise) by temporary faculty:

<b>2011-12</b>	<b>2012-13</b>	<b>2013-14</b>	<b>2014-15</b>	<b>2015-16</b>	<b>2016-17</b>
71	57	57	57	71	57

13. Student -Teacher Ratio (programme wise): UG- 40:1, PG-6:1

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled:

- Technical (mechanic)-sanctioned: 1, filled: 1  
Lab assistant-sanctioned: 1, filled: 1 (1 post yet to be sanctioned for PG)
15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil / PG.  
Ph.D-1,M.Phil-1, M.Sc With Net- 1,M.Sc -4
  16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received: Nil
  17. Departmental projects funded by DST - FIST; UGC, DBT, ICSSR, etc. and total grants received: Nil
  18. Research Centre /facility recognized by the University: No
  19. Publications:
    - Publication per faculty: Nil
    - Number of papers published in peer reviewed journals (national / international) by faculty and students: Nil
  20. Areas of consultancy and income generated: Nil
  21. Faculty as members in: Nil
- i.National committees b) International Committees c) Editorial Boards: Nil
22. Student projects
    - i.Percentage of students who have done in-house projects including inter departmental/programme:
    - ii. Projects for all final year UG and PG Students  
Compulsory projects for all final year UG, PG students
    - iii.Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/ other agencies: 95%

<b>Year</b>	<b>Name of the Institution</b>
2011-12	Keltron, Kuttipuram
	Dept. of Physics, St. Thomas college, Thrissur
2012-13	Keltron, Kuttipuram
	Dept. of Physics, Govt. College, Chittur
2013-14	Keltron, Kuttipuram
	IETE, Palakkad
	BSNL, Malappuram
	Agricultural university, Mannuthi
2014-15	Keltron, Kuttipuram
	IETE, Palakkad
	BSNL, Malappuram
	Agricultural university, Mannuthi
2015-16	IIST, Trivandrum
	FCRI, Palakkad
	IETE, Palakkad
	IRTC, Mundur-Palakkad
2016-17	ISRO, Thiruvananthapuram
	University campus, Calicut
	Dept. of Physics, Govt. College, Chittur
	Keltron, Kuttipuram

23. Awards / Recognitions received by faculty and students: Nil

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

No.	NAME	PURPOSE	YEAR
1	Dr.T.L.Remadevi Asso. Prof. & H.O.D, Dept. of Physics, Pazhassiraja N.S.S College, Mattanur	Lecture in Recent trends in Material science	2012
2	Dr.P.L.Anto Retd.Prof, Dept of Physics, St.Thomas College,Thrissur	Lecture in Mossbauer Spectroscopy	2014
3	Dr. Anand Narayanan Asso. Prof, IIST Trivandrum	Inauguration and one session handled in UGC sponsored national seminar	2015
4	Prof.B.Muhammed Musthafa Scientist, IRTC, Mundur	One session in National seminar	2015
5	Dr. Subeesh.T Asst.Prof., Amritha Institute, coimbatore	One session in National seminar	2015
6	Dr. T.N Narayanan Asst. prof, Tata institute of fundamental research, Hyderabad	One session in National seminar	2015
7	Dr.Lakshmi.M Asst. Prof, Mercy college, Palakkad	One session in National seminar	2015
8	Dr.Tony Joseph Asst.prof, Govt.Victoria college, Palakkad	Paper presentation in National seminar	2015
9	Dr.Amrutha.K.Adiyodi, Asst.prof, Pazhassiraja NSS college, Kannur	Paper presentation in National seminar	2015
10	Dr.Devadas K.M Asst.prof, SVNSS college, Trissur	Paper presentation in National seminar	2015
11	Dr.Tharanath R Asst.prof, Aquinas college, Kochi	Paper presentation in National seminar	2015

12	Dr.Prathapan K Asst.prof Brannon college, Kannur	Regional seminar in Methodology of Physics	2015
13	Naval Ambavkar, Engineer trainer fromrobokart.com	Regional seminar on Robotics	2016
14	Dr.Nijo varghees Asst. Prof. Secrete heart college, chalakkudy	Seminar and Sky watch programme	2017
15	Suresh.V.C Retd.Professor PSMO College, Tiroor angady	Workshop on electronics and micro processor	2017
16	Dr.Kuryakose Retd.professor, CUSAT	Seminar and Sky watch programme	2017
17	Dr. Saneesh Sebastian Asst. Prof. St. Michael college, Cherthala	Seminar and Sky watch programme	2017

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

<b>International/ National/ regional</b>	<b>Seminar/ workshop exhibition</b>	<b>Funding agency</b>	<b>Topic</b>	<b>Date</b>
Regional	Exhibition	PTA	Contribution of Indian Physicists	14/10/2014
Regional	Seminar	UGC	Research Methodology	13/08/2015
National	Seminar	UGC	Recent Developments in Physics	19/10/2015, 20/10/2015



Regional	Exhibition	UGC	In connection with International year of Light	7/12/2015, 8/12/2015
National	Workshop	Department	Robotics	14/12/2016, 15/10/2016
Regional	Seminar	UGC	Seminar on cosmology and Sky watch	3/3/2017
Regional	Workshop	UGC	Electronics	16/2/2017

### **Exhibitions**

1) **Contribution of Indian Physicists**

PG Department of Physics conducted a one day exhibition on contribution of Indian Physicists on 14<sup>th</sup> October, 2014. It was a regional exhibition sponsored by College PTA. A still model of Chandrayaan, working model of student's projects, various games, and chart presentation of contribution of Indian Physicists etc. were the main attraction of exhibition.

2) **International year of Light**

PG Department of Physics conducted a two day exhibition in connection with International year of light and centenary year of Einstein's General theory of Relativity during 7,8<sup>th</sup> December, 2015. Higher secondary school students from Kendriya Vidyalaya, Ottapalam and Mount Seena School, Pathiripala participated.. More than 40 items related to light and relativity was presented there.

### **Seminars**

1) **Research methodology**

P.G Department of Physics conducted a regional seminar on research methodology in association with research cell of the college on 13<sup>th</sup> August, by Prathapan.K, Asst Prof.,Govt Brennan College.

2) Recent developments in Physics

Department conducted a two day National seminar sponsored by U.G.C, on Recent developments in Physics on 19, 20<sup>th</sup> October, 2015. It was inaugurated by Dr. Anand Narayanan, Asso. Prof., IIST, Thiruvananthapuram. 5 technical sessions were handled by eminent personalities, Dr Anand Narayan, Associate Professor, IIST, Dr. , Dr.T.N.Narayan, Assistant Professor, Tata Institute of Fundamental Research, Hyderabad, Dr Subeesh.T. Assistant. Professor. Amritha Institute, Coimbatore, etc. 11 papers presented on the seminar. The focal themes of the seminar were Space Science, Nanotechnology, Quantum Optics, Non-Conventional Energy Harnessing etc. The seminar was beneficiary for the students & research community to meet the eminent personalities and mold their ideas in the field.

**Workshops**

1) Robotics

PG Department of Physics conducted two days i-SensoBots Robotics Workshop during 14-15 October, 2016. The workshop conducted as part of the National Workshop Series 2016-17 conducted by the Entrepreneurship Cell, SAC, IIT Bombay in collaboration with their Technical Partner ROBOKART.COM. Principal, NSS College, Ottapalam.. They gave rigorous training and a detailed class on robots, their constitution and assembly. The participants were trained to assemble and programme robots for specific purposes. 35 students participated in the training programme workshop and benefited by the programme. Mr. Naval Ambavkar, Engineer Trainer from Robokart.com trained the participants in Robotics.

2) **Electronics**

PG Department of Physics conducted one day Electronics Workshop during on February 2017. It aimed understanding of electronics experiments and the theory behind them of II Semester M.Sc Students of Physics department. NSS College, Ottapalam Prof. V.C. Suresh, former Head of the Department of

Physics, PSMO College, Thirurangadi lead the workshop. It was very helpful for the II Sem M.Sc students.

**Sky watch**

The programme of “One day workshop on Cosmology” and sky watch started at 2.30 pm with a Paper presentation by Dr. Praseedda.P, Guest Lecturer in Physics based on her PhD Thesis. At 3.30 the function of Sky watch was inaugurated by Dr. K.R. Madhosoodanan Pillai, Principal, NSS College, Ottapalam. Dr.V.C. Kuriakose, Retired HOD, CUSAT had given a class on sky watching. Dr. Nijo Varghese & Dr. Tharanath.R explained the process of Telescope making, followed by a class by Dr. Saneesh Sebastian introducing the virtual simulation software “Stellarium”. At 6.30 the sky watch started. Entire department of Physics participated in the Programme. In the clear sky we watched Moon and Venus through a telescope of magnification 100.

26. Student profile programme/course wise:

Name of the Course/ programme	Year	Applications received	Selected	Enrolled		Pass percentag
				M	F	
B.Sc Programme	2011-12	2872	24	6	18	92.4
	2012-13	2940	29	12	17	90.6
	2013-14	Online	32	14	18	79
	2014-15	Online	33	11	22	82
	2015-16	Online	37	14	23	71.85
	2016-17	Online	46	26	30	-
M.Sc Programme	2011-12	523	12	2	10	100
	2012-13	518	12	1	11	91
	2013-14	450	12	1	11	83.4
	2014-15	495	12	1	11	100
	2015-16	650	12	3	9	92
	2016-17	Online	12	1	11	-

\*M = Male \*F = Female

27. Diversity of Students

Name of the Course	% of students from the same State	% of students from other States	% of students from Abroad
B.Sc Physics	100	Nil	Nil
M.Sc Physics	100	Nil	Nil

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.? Nil

29. Student progression

Student progression	Against % enrolled					
	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17
UG to PG	45	47	54	49	48	49
PG to Ph.D	8	0	8	5	10	10
Employed	45	50	48	51	50	51
Self employed	39	50	45	35	40	40

• Campus selection

Campus	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17
Off campus	5	3	4	6	5	

30. Details of Infrastructural facilities

- a. Library: Department library :750 Books
- b. Internet facilities for Staff & Students:2
- c. Class rooms with ICT facility:3
- d. Laboratories:3(UG,PG,Computer lab)

31. Number of students receiving financial assistance from college, university, government or other agencies

<b>Government/ other sources</b>	<b>2011-12</b>	<b>2012-13</b>	<b>2013-14</b>	<b>2014-15</b>	<b>2015-16</b>	<b>2016-17</b>
Government	1	10	11	12	19	21
Other source	3	1	1	1	1	1

32. Details on student enrichment Programmes (special lectures / workshops / seminar) with external experts:

Workshop on electronics lab experiments for P.G students.

Class taken by V.C Suresh, Retd. Asso. Prof, P.S.M.O College, Thirurangadi on 16/2/2017

33. Teaching methods adopted to improve student learning: Lectures, labs, extension works like national and regional seminars, exhibitions, power point presentations, remedial teaching, student seminars, assignments, department competitions etc.

34. Participation in Institutional Social Responsibility (ISR) and Extension activities:

- 1) Awareness program on mobile radiation among teachers and students, 2014-15
- 2) Awareness programme on advantage of hotbox made by parishath as thermal cookers and its possible modifications

- 3) Measurement of Electrical conductivity and ph value of the water and soil samples in different sites of Bharathapuzha river

35. SWOC analysis of the department and Future plans

Strength	<ul style="list-style-type: none"><li>• Academic performance in the university exams are excellent</li><li>• Fairly good pass percentage</li><li>• Good lab, computer lab, internet, departmental library and general library facilities.</li></ul>
Weakness	<ul style="list-style-type: none"><li>• Inadequate staff strength, teaching as well as lab staffs</li><li>• Due to non-sanctioning of faculty position for P.G course ad-hoc lecturers are being appointed</li><li>• Shortage of fund</li></ul>
Opportunities	<ul style="list-style-type: none"><li>• Entry to higher studies in research institutions – IISc, IIST.NIT, IUCA. IIA etc</li><li>• The courses offered by the department stand promising in the rural and educationally backward district</li></ul>
Challenges	<ul style="list-style-type: none"><li>• Delay in semester exams</li><li>• Most of the academically bright students opt professional courses.</li></ul>

## **GENERAL AND INDUSTRIAL CHEMISTRY**

1. Name of the Department : Department of Chemistry
2. Year of Establishment : 1961
3. Names of the programs : BSc Chemistry,  
BSc Industrial Chemistry
4. Names of the interdisciplinary courses and the departments involved :  
Complimentary chemistry for BSc Botany and Zoology, Open courses  
(Chemistry in daily life, Environmental chemistry, Plastics and Rubbers  
for all Departments)
5. Annual/semester/Choice based credit system : Semester, Choice based  
credit system for both the courses
6. Participation of the department in the courses offered by other  
departments : Open courses offered by other departments
7. Courses in collaboration with other universities : nil
8. Details of Courses discontinued : nil
9. Number of Teaching posts  
Professors - Sanctioned –Nil Filled : Nil  
Associate Professors- Sanctioned : - Nil Filled : Nil  
Assistant Professors- Sanctioned : 8 Filled : 7
10. Faculty Profile

Name	Qualification	Designation	Specialization	Teaching experience
Dr. Dhanya. T. P	M.Sc. , B.Ed., NET, Ph.D.	Assistant Professor	Photo catalysis	8 years
Dr. Mohanakrishnan M	M.Sc. , NET, Ph.D.	Assistant Professor	Phyto chemistry	11 years
Rejani P	M.Sc. , M.Ed., NET	Assistant Professor	Material Science	3 years
Dr. Sandhya. R	M.Sc. , NET, Ph.D.	Assistant Professor	Organic Synthesis	3 years
Umadevi AG	M.Sc. , B.Ed., NET	Assistant Professor	Environ mental Chemistr y	3 years
Manju M J	M.Sc. , B.Ed., NET, Ph.D.	Assistant Professor	Organic Synthesis	3 years
Vineeth M	M.Sc. ,B.Ed. NET,	Assistant Professor	Nano chemistry	2 years
Vinod KV	M.Sc. , M.Phil. , B.Ed., NET	Guest Faculty	Corrosio n science	1 Year

11. List of the senior visiting faculty : Nil

12. Percentage of Lectures delivered and Practicals handled by Guest faculty :

BSc Chemistry – 10 %

BSc Industrial Chemistry – 12 %

13. Student Teacher Ratio

BSc Chemistry – 1: 25



BSc Industrial Chemistry – 1: 25

14. Number of academic support staffs : (Laboratory Assistants)

Sanctioned-3 Filled: 1

15. Qualification of teaching faculty with DSC/D.Litt/PhD/MPhil/PG

Ph.D.-3, M.Phil.-1, M.Sc.-8

16. Number of faculty with ongoing projects from national/International funding agencies and grand received

UGC-MRP- 6 faculty

Grant- Rs. 22,00000/-

17. Departmental Projects funded by DSC/UGC etc

MRP funded by UGC

Principal Investigator	Title	Period	Amount Sanctioned
Dr. Dhanya. T.P	Photocatalytic Degradation of Organic Pollutants using TiO <sub>2</sub> Catalysts	2016-18	305000
Dr. Mohana krishnan. M	Redox Potentials of plant extracts with special reference to <i>Macranga Indica</i>	2015-17	380000
Rejani. P	Conducting Polymer- Inorganic oxide nano composite for photocatalytic degradation of organic dyes	2015-17	325000
Dr. Sandhya. R	Synthesis and Evaluation of Some Highly Substituted Indoles	2015-17	370000
Umadevi. A.G	A study on the seasonal variation and characterization of chemical and microbiological parameters in the underground water of Eloor Island (Udyogamandal) an industrial belt in Ernakulam district,	2015-17	370000
Vineeth M	Microwave assisted solvent free synthesis of Au, Ag and Au-Ag alloy nanoparticles via green chemical synthetic route	2016-18	345000

18. Research centre/facility recognized by the university: NA

19. Publications

Name of the author	Title of the paper, Authors	Journal , Impact factor
Dr. Dhanya. T.P	(1) Preparation, Characterization and Photocatalytic Activity of N doped TiO <sub>2</sub> , Dhanya T.P., Sugunan S.	IOSR Journal of Applied Chemistry (IOSR-JAC) Volume 4, Issue 3 (2013), 27-33. (impact factor-1.238)
	(2) Visible Light Active Titania Photocatalyst Doped with Molybdenum, Dhanya T.P. Sugunan S.	International Journal Of Scientific Research Volume 2, Issue 6, (2013),51-52 (impact factor-3.2416)
	(3) Preparation, characterization and dielectric properties of Ba <sub>3-x</sub> Sr <sub>x</sub> LiM <sub>3</sub> Ti <sub>5</sub> O <sub>21</sub> [M=Nb and Ta, x = 0 to 3] ceramics, T. P. Dhanya , P. S. Simna R. Ratheesh	J Mater Sci: Mater Electron volume22,issue8 (2011),974-977 (impact factor-1.569
	(4) TiO <sub>2</sub> -assisted photocatalytic degradation of Acid Orange 7 in aqueous solution. Dhanya T.P. <sup>1</sup> ,Sugunan S. <sup>2</sup>	VISTAS
Rejani. P	1. Rejani P, Asha Radhakrishnan and B Beena, Adsorption of Pb(II) on nano sized SnO <sub>2</sub> derived from sol-gel method,	International Journal of Chemical Engineering and Application , 5.3 ,2014.
	2.Rejani P, Asha Radhakrishnan and B Beena , Structural, optical and dielectric studies in ZnO nanorods by microwave assisted method ,	Int.J.Nano imensions.5.5,2014, 497-503.
	3.Rejani P, Asha Radhakrishnan and B Beena, Photo Catalytic Decomposition of Malachite Green in Aqueous Solutions under UV Irradition Using Nano ZnO Rod,	Iranica Journal of Energy & Environment 5.3,2014, 233-239
	4.Asha Radhakrishnan ,Rejani P and B Beena ,A comparative study on the adsorption of Pb(II) by CuO , ZnO and its composites ,	Science Technology ,Elsevier ,ICACE,32,2014,145-149
	5.Asha Radhakrishnan, Rejani P and B Beena,Synthesis, Characterization and Antimicrobial properties of CuO nanoparticles against gram-positive and gram-negative bacterial strains,	Int. J.Nano Dimensions 5(6)519-524,2014

	6.Asha Radhakrishnan, Padmavathiamma Rejani and Bhaskaran Beena, CuO/polypyrrole nanocomposites as a marker of toxic lead ions for ecological remediation in contrast with CuO and polypyrrole,	Main Group Met. Chem.38(5-6),2015,133-143.
	7.Asha Radhakrishnan , P Rejani , J Shanavas Khan and B. Beena, Effect of annealing on the spectral and optical characteristics of nano ZnO: Evaluation of adsorption of toxic metal ions from industrial waste water ,	Ecotoxicology and Environmental Safety (Elsevier), 133,457-465,2016.
Dr. Sandhya. R	1. 2-Benzyl-3-(naphthalen-1-yl)-2,3-dihydro-1,2-oxazole-4,5-di-yl]bis-(phenyl-methanone), R. Sandhya, M. Sithambaresan and M. R. P. Kurup,	Acta Cryst., 2014, E70, 0354.
	2.Diverse reactivity of nitrones towards electron deficient acetylenes, <u>Sandhya Radhamani</u> , <u>Rakesh Natarajan</u> , <u>Peruparampil A. Unnikrishnan</u> , <u>Sreedharan Prathapan*</u> and <u>John P. Rappai*</u>	<i>New J. Chem.</i> , 2015, <b>39</b> , 5580-5588.
	3 A New Method for the Synthesis of 3-Substituted Indoles, Rakesh Natarajan, John P. Rappai, Peruparampil A. Unnikrishnan, Sandhya Radhamani*, Sreedharan Prathapan*,	Synlett 2015; 26(17): 2467-2471.
	4.Metal-free synthesis of highly substituted quinolines under mild conditions, Rakesh Natarajan, Peruparambil A. unnikrishnan, Sandhya Radhamani*, John P. appai*, Sreedharan Prathapan*,	<i>TetrahedronLett.</i> , 2016, 57, 2981–2984.
Umadevi. A.G	1."External dose measurements in the Eloor industrial area in the Ernakulam district of Kerala, India " D. Balakrishnan1 , A.G. Umadevi, S. Ben Byju, A. Sunil, J.P. Abraham1 , P.J. Jojo3, S. Radhakrishnan, M. Harikumar	Volume 14, International Journal of Radiation Research. Accepted for publication.

	2."Assessment of natural radioactivity and radiation hazard parameters in the terrestrial environment of Eloor Island, Kerala DhanyaBalakrishnan, Umadevi A.G,Jose.P.Abraham, P.J.Jojo.Harikumar, ➤ Sujata Radhakrishnan	"Indian Journal of Fundamental Physical sciences(IJFPS),ISSN:2231-8186, Vol5(2),38-42, 2015
	❖ 3."Study on the distribution of <sup>210</sup> Po in the surface water and sediments of cochin backwater ecosystem in relation to anthropogenic inputs" .Umadevi .A.G· Dhanya Balakrishnan, Jose P.Abraham, P.Dharmalingam	386-389, vol (2) <i>Proceedings of International Conference on Materials for the Millennium , Matcon-2016</i>
	❖ 4."A study on the seasonal variation of ground water nitrate concentration in the industrial region of Eloor,kerala Measuement".Umadevi A.G Dhanya Balakrishnan, Jose P. Abraham, M.George.	<i>Proceedings of 24<sup>th</sup> Swadeshi science congress.Pp 242-245.</i>
	5."Measurement of <sup>210</sup> Po and <sup>210</sup> Pb in cochin backwater Ecosystem in relation to Anthropogenic inputs".Umadevi A.G, Dhanya Balakrishnan, Jose P. Abraham, M.George.	<i>pp, 345-349,, Aug 12-13,2014. Proceedings of National seminar on nanostructured materials.</i>
	❖ 6."Assessment of inhalation dose in the industrial area Eloor,Kerala."Dhanya Balakrishnan,Umadevi A.G, Jose P. Abraham, P.J.Jojo.	<i>Proceedings of National seminar on nanostructured materials. pp, 236-238, Aug 12-13,2014.</i>
Dr. Mohana Krishnan. M	1. Composition and antimicrobial activites of the essential oil from <i>Eugenia uniflora</i> L. leaves growing in India.	<i>Int J Pharm Biomed Sci 2013, 4(1), 46-49.</i>
	2. Perfumery properties of flower essential oil of <i>Tectona grandis</i> .	Proceedings of UGC National seminar conducted by Department of Applied Chemistry, University of Calicut, March 2012.
	3.Chemical composition of leaf essential oil from Brazilian cherry growing in India,	Proceedings of UGC National seminar conducted by PG Department of Chemistry, MES KEVEEYAM College, Valanchery, December 2012.

	4. Composition and antifungal activity of the essential oil from <i>Curcuma ecalcarata</i> Sivar. & Balach. M.Mohanakrishnan1, Aldo Tava2, P.P.Rajan3, P.M.Shafi1*	<i>Int J Pharm Biomed Sci</i> 2013, 4(3), 96-99
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20. Student projects

- c) Percentage of students who have done in-house projects including inter departmental/programme- 100%
- d) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/ other agencies: Nil

21. Awards / Recognitions received by faculty and students:

NSS volunteer Prathibha K.P II BSc Chemistry was selected for the Republic day parade in New Delhi

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

- Dr. P. Mohamed Shafi, Former Head, Department of Applied Chemistry, University of Calicut
- Dr. P.Raveendran, Professor, Department of Applied Chemistry, University of Calicut

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

- a) National- NA
- b) International-NA

24. Student profile programme/course wise:

BSc	Enrolled	
	*M	*F
2011-12	42	06
12-13	32	10
13-14	39	07
14-15	32	16
15-16	22	41
	26	52

25. Pass percentage

Year	Title of the Programme	Total no. of students appeared	Division				
			Distinction	I%	II%	III%	Pass%
2011-12	BSc. Chemistry	24	17	5	-	-	95.8%
	BSc. Industrial Chemistry	24	17	4			87.5%
2012-13	BSc. Chemistry	23	15	5		-	87%
	BSc. Industrial Chemistry	19	6	7			65%
2013-14	BSc. Chemistry	23	6	10	-	-	70%
	BSc. Industrial Chemistry	22	10	7			77%
2014-15	BSc. Chemistry	28	15	7		-	78.57%
	BSc. Industrial Chemistry	21	12	4			76%
2015-16	BSc. Chemistry	33	33	45	-	-	78.7
	BSc. Industrial Chemistry	27	40.7	29.6	-	-	70.3

26. Diversity of Students: Nil

27. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.

-NA

28. Student progression

Student Progression	Against 1% enrolled
UG to PG	30%
PG to M.Phil	
PG to Ph.D	

Ph.D. to Post-Doctoral

-

**Employed**

Campus selection 10 %

Other than campus recruitment -

Entrepreneurship/Self-employment 5%

29. Details of Infrastructural facilities

a) Library : Nil

b) Internet facilities for Staff & Students : Yes

c) Class rooms with ICT facility-1

d) Laboratories-3

Lab for BSC Chemistry-1

Lab for Industrial Chemistry-1

Physical chemistry/Project lab-1

30. Number of students receiving financial assistance from college, university, government or other agencies

2011-12	2012-13	2013-14	2014-15	2015-16	2016-17
KPCR-8	KPCR-20 OTHERS-1	KPCR-19 OTHERS-1	KPCR-16 OTHERS-2	KPCR-46 OTHERS-2	KPCR-26 OTHERS-2

31. Details on student enrichment programmes (special lectures / workshops / seminar) with external experts

- Regional seminar on Chemistry of advanced materials was conducted by Dr. P. Muhammed shafi (Former Head, Department of Chemistry, University of Calicut)
- As a part of Ozone day (September 16), the Department of Chemistry N.S.S. College Ottapalam, conducted a seminar entitled ‘Ozone-Good Up high –Bad near by’
- A video presentation of “All about Ozone” was also exhibited in the seminar.

- Dr.G.Ajayakumar, Assistant Professor, Government College, Kasargode and Sri.Sreejith.M.P. Research Scholar University of Calicut delivered special lecturers.
- A regional seminar on ‘ Research methodology’ with the support of Research cell of the college
- The chemistry club named CLUB-DE-CHEM was formed for improving the departmental activities.
- National science day was observed by the chemistry club on February 29<sup>th</sup> with an interdepartmental Science quiz in which students from mathematics department won the first prize.
- An awareness program entitled ‘Green water clean water’ in connection with the extension activity
- Environmental day was observed by the chemistry club by cleaning the campus and gardening.
- A motivational cum wakefulness class for I Semester students was arranged
- Vth semester students visited Remya plastics , a small scale plastic processing unit at shornur
- A chemistry exhibition entitled Chemexpo-2017 was organised with the support of the Chemistry club. The main theme of the exhibition was water contamination and purification.

32. Teaching methods adopted to improve student learning-Conventional and ICT enabled methods, Industrial visit

33. Participation in Institutional Social Responsibility (ISR) and Extension activities

***Extension***

The college is located in a region with water scarcity. The department had organised extension programs on water analysis in 2014-15 and 2015-16. The water samples from bore wells and open wells were tested for their quality parameters. In 2016 march an awareness program on clean water was conducted for both the students and the local people. The program “was entitled “Green water, Clean water “in which Sri Satheesan master, environmental activist delivered an awareness lecture for the public.



***Exhibition***

A chemistry exhibition entitled Chemexpo-2017 was organised in March 2017 with the support of the Chemistry club. The main theme of the exhibition was water contamination and purification. Interesting experiments and presentations were also part of the exhibition. Higher students of the nearby schools actively participated in the event.

**34. SWOC analysis of the department and Future plans**

Future plan is to get Post graduate course and upgrade the department to a research department

## **BOTANY**

1. Name of the department : Botany
2. Year of Establishment : 1961
3. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.): B.Sc. Botany
4. Names of Interdisciplinary courses and the departments/units involved:  
B.Sc. Zoology
5. Annual/ semester/choice based credit system (programme wise): Choice based credit and semester system
6. Participation of the department in the courses offered by other departments: Open course to all departments
7. Courses in collaboration with other universities, industries, foreign institutions, etc.: Nil
8. Details of courses/programmes discontinued (if any) with reasons: Nil
9. Number of Teaching posts

	<b>Sanctioned</b>	<b>Filled</b>
Professors	Nil	Nil
Associate Professors		1
Assistant Professors	4	2

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

<b>Name</b>	<b>Qualification</b>	<b>Designation</b>	<b>Specialization</b>	<b>No. of years of experience</b>	<b>No. of Ph.D students guided for the last 4 years</b>
Dr. V. Venugopalakrishna Kurup	M.Phil., Ph.D.	Associate Professor	Pteridophytes, Ecology, Phytogeography	22 years	3
Dr. Ranjusha A.P.	Ph.D.	Assistant Professor	Conservation biotechnology, Taxonomy	3 years	Nil
Ms. Maya S.Nair	M.Sc., JRF	Assistant Professor	Molecular Biology, Plant Physiology, Biochemistry	3 Years	Nil
	M.Sc.		Cell biology, Ecology, Plant physiology		
Ms. Rincy Rappai		Guest Faculty		2 years	

11. List of senior visiting faculty: Smt. Latha K
12. Percentage of lectures delivered and practical classes handled(programme wise) by temporary faculty : 19%
13. Student -Teacher Ratio (programme wise): 20:1
14. Number of academic support staff (technical) and administrative staff; sanctioned: 3 and filled: 2
15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil / PG:  
Ph.D.: 2  
M.Phil.: 1  
PG: 3
16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received: Nil

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

UGC : 1

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

19. Publications:

Sl. No.	Name of the Faculty	Number of papers published	Impact factor	h-index
1.	Dr. Ranjusha A.P.	1	-	-
2.	Ms. Maya S. Nair	1	1	-

20. Areas of consultancy and income generated: **Nil**  
Faculty as members in: National committees b) International Committees c) Editorial Boards: Nil

21. Student projects:

- Percentage of students who have done in-house projects including inter- departmental/programme: 100%
- Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/ other agencies: Nil

22. Awards / Recognitions received by faculty and students: Nil

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

- Dr. Prabhukumar (Scientist, Medicinal plant research division, Kottakkal Arya Vaidyasala)
- Dr. Muralidharan (Physician, Kottackal Arya vaidyasala)
- Mr. V.S. Mohandas (Agriculturalist, Edamuttom, Thrissur)
- Dr. Abdussalam (Asst. Professor. Sir Syad College, Thaliparamba)
- Dr. Azeez K. (Asso. Professor, Unity Womes's College, Manjeri)
- Dr. B.M. Musthafa (Research Co-ordinator, IRTC, Mundoor)

- Dr. Deepa Narayanan (Post Doctoral Fellow, Department of Biotechnology, CUSAT)

Seminars/ Conferences/Workshops organized & the source of funding

National: Nil

International: Nil

24. Student profile programme/course wise:

Name of the course/ Programme ( refer question no.4)	Application received	Selected	Enrolled		Pass percentage
			M	F	
2013-2014	Centralized Process	32	06	26	83
2014-2015	Centralized Process	32	03	29	96
2015-2016	Centralized Process	32	03	29	86

\*M = Male \*F = Female

27. Diversity of Students

Name of the course	% of students from the same state	% of students from other states	% of students from abroad
B.Sc Botany	100		

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc. ? 3

29. Student progression

Student progression	Against % enrolled					
	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17
UG to PG	2		5	6	16	
PG to M.Phil.						
PG to Ph.D.						
Ph.D. to Post-Doctora						
<b>Employed</b> Campus selection Other than campus recruitment						
<b>Entrepreneurship/Self-employment</b>						

30. Details of Infrastructural facilities

- a. Library : **Nil**
- b. Internet facilities for Staff & Students: Yes
- c. Class rooms with ICT facility: **1**
- d. Laboratories: **2**

31. Number of students receiving financial assistance from college, university, government or other agencies

Type of Support	No. of students						Amount
	11-12	12-13	13-14	14-15	15-16	16-17	
Financial support from institution							
Financial support from Government							
Financial support from other sources	1	1	1	1	1		1000
No. of students who received International/ National recognitions							

32. Details on student enrichment programmes (special lectures / workshops / seminar) with external experts: WWS & SSP, Competence building classes
33. Teaching methods adopted to improve student learning: Digital Class Rooms
34. Participation in Institutional Social Responsibility (ISR) and Extension activities

Ayurveda medical camp in collaboration with Kottackal Arya Vaidyasala
Organic Farming Awareness Programme
Waste management and vermicompost in collaboration with IRTC

35. SWOC analysis of the department and Future plans

<b>Strengths</b>	<b>Weakness</b>	<b>Challenges</b>
We are able to help the local people by providing different knowledge	No M.Sc.	Getting M.Sc. Course
Percentage of students getting admission for higher studies is sufficiently high	No research facility	Getting a research facility

## **ZOOLOGY**

1. Name of the department: ZOOLOGY
2. Year of Establishment: 1961
3. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.) : B.Sc. Zoology
4. Names of Interdisciplinary courses and the departments/units involved: B.Sc. Botany
5. Annual/ semester/choice based credit system (programme wise): Semester, Choice based credit system
6. Participation of the department in the courses offered by other departments: Open course to all departments
7. Courses in collaboration with other universities, industries, foreign institutions, etc.
8. Details of courses/programmes discontinued (if any) with reasons: Nil
9. Number of Teaching posts

<b>Designation</b>	<b>Sanctioned</b>	<b>Filled</b>
Associate Professors	-	2
Assistant Professors	4	2

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



Name	Qualification	Designation	Specialization	No. of Years of experience	No. of Ph.D. students guided for the last 4 years
Dr. Sushama S	B. Ed., M. Phil., Ph.D	Associate Professor	Taxonomy and Biodiversity	23	1
Dr. M Balakrishnam	Ph. D	Associate Professor	Marine Biology, Ecology, Embryology	21	-
Dr. Sreedevi N Kutty	JRF, Ph.D	Assistant Professor	Microbial Ecology, and Molecular Biology	6	-
Smt. Preethi N	B.Ed., NET	Assistant Professor	Entomology	3	-

11. List of senior visiting faculty: Nil

12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty: Nil

13. Student -Teacher Ratio (programme wise):20:1

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled:

Sanctioned- 2, Filled- 1

15. Qualifications of teaching faculty with Ph. D/ MPhil: Ph.D. -3, M.Phil.- 1

16. Number of faculty with ongoing projects from a) National funding agencies and grants received: 2

Dr. Sushama S: UGC Sponsored Minor Project on “Studies on Pesticide accumulation in selected fish species of Cole wetlands of Central Kerala”, Rs. 100000.

Ms. Preethi N: UGC Sponsored Minor Project on “Systematics of Eurytominae (Hymenoptera: Eurytomidae) of South Malabar area of Kerala”, Rs. 2,75,000

17. Departmental projects funded by UGC and total grants received: 2

Total Grant received: 3,75,000

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

19. Publications:

a) Publication per faculty:

Number of papers published in peer reviewed journals (national / international) by faculty- 2 Sushama S: 1 Sushama S. 2014. Biodiversity of Ponnani Estuary. Journal of Aquatic Biology and Fisheries 2: 797 – 803 Sreedevi N Kutty: 12

1. Sreedevi N Kutty, Damodaran, R and Rosamma Philip. 2014. Yeast Isolates from the Slope Sediments of Arabian Sea and Bay of Bengal: Physiological Characterization. Advances in Applied Science Research 5(5): 177-187.
2. Sreedevi N Kutty, Damodaran, R and Rosamma Philip. 2016. Hydrolytic potential of Marine Yeasts isolated from Bay of Bengal. Proceedings of the National Seminar on “Marine Biodiversity and Bioprospecting for Sustainable Livelihood”, organized by the Department of Marine Biology, Microbiology and Biochemistry, School of Marine Sciences, CUSAT.
3. Greeshma, M., Akhilesh, V. P., Sreedevi, N. K. and Sebastian, C. D. (2016). *Proteus mirabilis* strain CUMBPM 01-A1 16S rRNA gene sequence, partial. GenBank Accession Number: KY 072883.
4. Greeshma, M., Akhilesh, V. P., Sreedevi, N. K. and Sebastian, C. D. (2016). *Providencia stuartii* strain CUMBPS 01-A1 16S rRNA gene sequence, partial. GenBank Accession Number: KY 072927.
5. Greeshma, M., Akhilesh, V. P., Sreedevi, N. K. and Sebastian, C. D. (2016). *Stenotrophomonas maltophilia* strain CUMBSM 01-A1 16S rRNA gene sequence, partial. GenBank Accession Number: KY 072928.

6. Gayathri, M., Akhilesh, V. P., Sreedevi, N. K. and Sebastian, C. D. (2016). *Pseudomonas hibiscicola* strain CUMBPH 01-A116S rRNA gene sequence, partial. GenBank AccessionNumber: KY 072887.
7. Gayathri, M., Akhilesh, V. P., Sreedevi, N. K. and Sebastian, C. D. (2016). *Proteus mirabilis* strain CUMBPV 01-A216S rRNA gene sequence, partial. GenBank AccessionNumber: KY 072886.
8. Gayathri, M., Akhilesh, V. P., Sreedevi, N. K. and Sebastian, C. D. (2016). *Providencia stuartii* strain CUMBPS 01-A216S rRNA gene sequence, partial. GenBank AccessionNumber: KY 072885.
9. Gayathri, M., Akhilesh, V. P., Sreedevi, N. K. and Sebastian, C. D. (2016). *Shewanella alga* strain CUMBSS 01-A116S rRNA gene sequence, partial. GenBank AccessionNumber: KY 072884.
10. Dhanusha, S., Akhilesh, V. P., Sreedevi, N. K. and Sebastian, C. D. (2016). *Proteus mirabilis* strain CUMBPM 01-A316S rRNA gene sequence, partial. GenBank AccessionNumber: KY 072888.
11. Dhanusha, S., Akhilesh, V. P., Sreedevi, N. K. and Sebastian, C. D. (2016). *Pseudomonas stutzeri* strain CUMBPS 02-A116S rRNA gene sequence, partial. GenBank AccessionNumber: KY 072890.
12. Dhanusha, S., Akhilesh, V. P., Sreedevi, N. K. and Sebastian, C. D. (2016). *Proteus hauseri* strain CUMBPH 02-A116S rRNA gene sequence, partial. GenBank AccessionNumber: KY 072916.

\* 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.)

\* Chapter in Books-1

Preethi, N. and Lakshmi Devi Menon. 2016. 'Diversity and distribution of Chalcid wasps in Kerala. Key Biological Control Agents in Cultivated Ecosystems" In "Arthropod Diversity and Conservation in the Tropics and Subtropics" Eds. Akshay Kumar Chakravarthy and Shakunthala Sridhara. ISBN 978-981-10-1517-5.

- \* Books with ISBN/ISSN numbers with details of publishers

Book Published: Sreedevi N Kutty, Damodaran, R and Rosamma Philip. 2014. Marine Yeasts: Ecology and Applications, 148 pp. ISBN No. 978-93-80095-55-4. Published by the Directorate of Public Relations, Cochin University of Science and Technology

- \* Citation Index

- \* h-index: Dr. Sreedevi N Kutty- 2

20. Areas of consultancy and income generated: Nil

21. Faculty as members in

- e) National committees b) International Committees c) Editorial Boards  
International Committees:

Dr. Sushama S: OISCA

Ms. Preethy N: E-bird

National Committees:

Dr. Sreedevi N Kutty: Society of Marine Biologists

22. Student projects

- f) Percentage of students who have done in-house projects including inter departmental/programme: 100

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

23. Awards / Recognitions received by students:

Neena B: Calicut University 2<sup>nd</sup> rank in B.Sc. Zoology

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

- a. Dr. Oommen V Oomen  
Chairman

- Kerala State Biodiversity Board
- b. Dr. V S Vijayan  
Environmental Activist  
Former Chairman  
Kerala State Biodiversity Board
  - c. Dr. C D Sebastian  
Asst. Professor  
Dept. of Zoology  
University of Calicut
  - d. Dr. Kathirvelpandian  
Senior Scientist  
NBFGR  
Lucknow
  - e. Dr. Mohammed Jaffer Palot  
Assistant Zoologist, WGRC, ZSI- Calicut
  - f. Dr. Balakrishnan Peroth  
Scientist  
TBGRI
  - g. Dr. Habeeb Rahman  
Asst. Professor  
Dept. of Zoology  
Farook College (Autonomous) Kozhikode
  - h. Dr. Bijukumar A  
Professor  
Dept. of Aquatic Biology and Fisheries  
Kerala University

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

- a) National: A National seminar on Bioinformatics was conducted. Dr. Saritha Namboodiri was the resource person on 25th March 2014

UGC sponsored National seminar on “Understanding Biodiversity: Progress and Problems”. The seminar was inaugurated by Dr. Oommen V Oommen, Chairman, Kerala State Biodiversity Board on 9<sup>th</sup>-10<sup>th</sup> September, 2015

26. Student profile programme/course wise:

Name of the course/ Programme	Selected	Enrolled		Pass percentage
		M	F	
B.Sc Zoology (2013-16)	29	3	24	88.9

\*M =

Male \*F = Female

27. Diversity of Students

Name of the course	% of students from the same state	% of students from other states	% of students from abroad
B.Sc Zoology	100	0	0

28. How many students have cleared National and State competitive examinations such as NET/SLET/GATE/CIVIL SERVICES/DEFENCE SERVICE etc.

29. Student progression

UG to PG- 41%

Employed

- Campus selection: Nil
- Other than campus recruitment – 3.7%

30. Details of Infrastructural facilities

a) Library - Nil

b) Internet facilities for Staff & Students: Provided for staff in the department and students in common lab

c) Class rooms with ICT facility-1

d) Laboratories- 1

31. Number of students receiving financial assistance from college, university, government or other agencies: 65

32. Details on student enrichment programmes (special lectures / workshops / seminar) with external experts

- In connection with National Science day celebration a seminar on “Renewable Energy Sources-A Solution for Fuel Run Out” was organized on 27<sup>th</sup> February
- A competence building programme was conducted to make the students aware of the basic tools and methods in biological field and also current opportunities in this field. Dr. Balakrishnan Peroth, Scientist, JNTBGRI, Thiruvananthapuram and Dr. Priyaja P, Asst. Professor, Dept. of Marine Biology, Microbiology and Biochemistry, Cochin University of Science and Technology, were the resource persons
- Students were taken to Indian Institute of Spices Research Kozhikode and made aware of the biological methods and instrumentation.
- In connection with world wetland day, a seminar on ‘Wetlands and Disaster Risk Reduction’ was conducted. Dr. Habeeb Rahman and Dr. Muhammed Jaffer Palot delivered talks

33. Teaching methods adopted to improve student learning:

ICT and field based teaching methods employed. Seminars, quiz programs, debates, peer teaching and student support programmes are conducted.

4. Participation in Institutional Social Responsibility (ISR) and Extension activities:

- Conducted Eye camp and blood grouping camp in association with Valluvanad hospital, Ottapalam. More than two hundred and fifty students and their parents and non-teaching staff were benefitted from this programme.

- All Kerala Inter Collegiate quiz On Environment for Mannam Memorial Ever rolling trophy is being conducted every year
- Conducted colour blindness survey in Ottapalam region.
- Conducted an organ donation awareness campaign.
- A blood donation camp was organized along with HDFC bank Ottapalam. Forty six students donated their blood and blood group registry was prepared.
- Class on “Possibilities of Vermicompost on organic farming” to farmers of ward no 20 in which the college is located. A stock culture of worms was supplied to farmers free of cost and they were provided with knowhow of maintenance of vermiculture
- Competence building seminar on ‘Prospectives of Wildlife Biology’
- A medical camp was arranged to the people in the ward No. 20 in collaboration with Valluvanad Hospital

35. SWOC analysis of the department and Future plans:

**Strength:**

- Extremely competent and qualified faculty members
- Well maintained museum with large number of rare specimens
- Well equipped laboratory
- Smart class room
- Field based studies conducted
- Organization of National and regional seminars for subject updation
- Organization of social outreach programmes for students and public
- Documentation of biodiversity of the college campus
- Well functioning Nature club

**Weakness:**

- Limited utility space
- Student’s preference to professional courses apart from studying basic sciences



- In spite of being one of the first started department, it exists as only a UG department

**Opportunities:**

Upgradation of the department as research centre utilizing the competence and qualification of the faculty. Exposure of students to modern techniques in the biology field by competence building.

**Challenges:**

- Upgradation to PG department and research centre.
- Motivating the students to study basic sciences than preferring professional ones
- Interruption of regular class hours due to different reasons
- Insufficient working days in semester system according to vast syllabus.

**Future Plans:**

- Upgradation to PG department
- Undertaking more research projects
- Organization of National and International seminars
- Conducting social outreach programmes
- Organizing field based studies and hands on training

## COMMERCE

1. Name of the Department : **PG Department of Commerce**
2. Year of Establishment : **1962**
3. Names of programmes/ courses offered (UG, PG, M.Phil, Ph.D, Integrated Masters: **Integrated Ph.D etc: UG, PG and certificate courses**
4. Names of interdisciplinary courses and departments /units involved : **Nil**
5. Annual/semester/choice based credit system(programme wise) : **Choice**
6. Based Credit Semester System UG/PG( semester) Certificate courses(Yearly course)Participation of the department in the courses offered by other departments: **Open course**
7. Courses in collaboration with other Universities, Industries, Foreign institutions etc

<b>Professors</b>		<b>Associate Proessors</b>		<b>Assistant Professors</b>	
<b>Sanctioned</b>	<b>Filled</b>	<b>Sanctioned</b>	<b>Filled</b>	<b>Sanctioned</b>	<b>Filled</b>
		1	1	7	7

8. For certificate course, the certificates are issued by international academy For Certification and TrainingDetails of courses/programmes discontinued(if any) with reasons : **Nil**
9. Number of Teaching posts : **8**
10. Faculty profile with name,qualification,designation,specialization

<b>Name</b>	<b>Qualification</b>	<b>Designation</b>	<b>Specialisation</b>	<b>No.of years of experience</b>	<b>No.of Ph.D Students guided for the last 4 years</b>
Dr.P.Vasanthakumari	Mcom, MBA, M.Phil, Ph.D, PDF, PGDM, PGDFM	Associate Professor	Finance, Co-operation, Micro finance, Entrepreneurship, Tourism Management, Micro Enterprises, Service Quality of service sector	23 years	12
Geetha.K	M.com, MBA	Assistant Professor	Accounting & Taxation, HRM, Investment management	5	-
Prabha.P	M.com, MBA, B.Ed	Assistant Professor	Marketing, Finance	4	-
Prameela.P	M.com, MBA, M.Ed	Assistant Professor	Taxation, Finance	4	-
Jesitha.J	M.com, JRF	Assistant Professor	Marketing	3	-
Sunidevi.V.T	M.com	Assistant Professor	Marketing	3	-
Priya.P	M.com, B,Ed	Assistant Professor	Finance	2	-
Rekha Menon.P	M.com	Assistant Professor	International Business	2	-

Deepthi Krishna T	Mcom	Guest Faculty	Marketing	1	-
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11. List of senior visiting faculty:NIL

12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty.: UG-13.11% (lectures)PG-nil

13. Student-Teacher ratio (programme-wise) UG- 40:1 ; PG- 8:1

14. Number of academic support staff (technical)and administrative staff, sanctioned & filled- Nil

15. Qualification of Teaching faculty with DSc/D.Litt/Ph.D/MPhil/PG

Qualification	Number
With M.Phil Ph.D and PDF	1
With PG	7

15.b) Details of participation in seminars/ workshops etc as resource person/ chair person/ paper presenterDr. Vasanthakumari.P. Total papers presented in from 2011 onwards- 63Papers presented in foreign universities-6 As resource person-14 Sessions chaired-10 Papers presented-32

Sl. No	Title	Institution and Dates	Nature	Status
Papers presented in foreign universities				
1.	6 <sup>th</sup> Annual micro finance conference, Social capital formation through micro finance institutions ; A case study of India	University of Cape coast and UNDP, Ghana, 13 <sup>th</sup> and 14 <sup>th</sup> January,2011	International	Paper presenter

2.	SIBR Conference on Interdisciplinary Business and economic research An analytical study on the performance of income generating enterprises in India and its impact on women entrepreneurship	Thammasat university and SIBR Bangkok,16 <sup>th</sup> to 18 <sup>th</sup> June, 2011	International	Paper presenter
3.	SIBR Conference on Interdisciplinary Business and economic research An evaluation of NREGS implementation in India	Thammasat university and SIBR Bangkok,16 <sup>th</sup> to 18 <sup>th</sup> June, 2011	International	Paper presenter
4.	International Research conference on Economis, Law and Social sciences	Bangkok, Dec.2 <sup>nd</sup> and 3 <sup>rd</sup> ,DEC.2013	International	Paper presenter
5.	The 3 <sup>rd</sup> annual PSU Phuket International conference, 2014	Phuket, Bangkok, 13 <sup>th</sup> and 14 <sup>th</sup> Nov.2014	International	Paper presenter
6.	International conference on humanities and social sciences(IC-HUSO)-2014	Khonkaen ,20 <sup>th</sup> and 21 <sup>st</sup> nov.,2014	International	Paper presenter
2011				
7	New trends in Business	St.Joseph's college,Irinjalakuda, 12 <sup>th</sup> and 13 <sup>th</sup> may,2011	International	Chaired
8	New trends in Business Medical tourism	St.Joseph's college,Irinjalakuda, 12 <sup>th</sup> and 13 <sup>th</sup> may,2011	International	Paper presenter

9	A practical approach to responsible tourism	M.E.S College, Ponnani 8 <sup>th</sup> and 9 <sup>th</sup> Feb. 2011	National	Paper presenter
10.	Status and sustainability of micro finance in India	Meenakshi College, Chennai 10 <sup>th</sup> Sept.,2011	National	Resource person
11.	4 <sup>th</sup> international conference in micro finance, 'Progress and performance of SHG affiliated micro enterprises in India'	Pondicherry university 27 <sup>th</sup> to 29 <sup>th</sup> Jan.,2011	International	Paper presenter
12.	4 <sup>th</sup> international conference in micro finance An evaluation of financial inclusion through SBLP	Pondicherry university 27 <sup>th</sup> to 29 <sup>th</sup> Jan.,2011	International	Paper presenter
13	Global financial crisis	St.Albert's college, Ernakulam, 20 <sup>th</sup> and 21 <sup>st</sup> Jan.,2011	National	Paper presenter
14.	Recent trends in capital market	Carmel college,Mala 14-02-2011	Regional	Resource person
15	Recent trends in commerce, Trade and industry	Government college, Chittur, 7 <sup>th</sup> and 8 <sup>th</sup> March,2011	National	Paper Presenter
16.	Management of sustainable development in India Measuring entrepreneurship development in India	New Delhi Institute of Management, 1 <sup>st</sup> and 2 <sup>nd</sup> April, 2011	National	Paper Presenter
17.	Management of sustainable development in India An evaluation on the performance of NREGS in India	New Delhi Institute of Management, 1 <sup>st</sup> and 2 <sup>nd</sup> April, 2011	National	Paper Presenter
18.	Engendering Agriculture Development:Emerging Perspectives, issues and challenges Agro based enterprises in India: A Critical evaluation	Co-operative league in Development and Employment	National	Paper presenter

19.	Engendering Agriculture Development:Emerging Perspectives, issues and challenges Problems of paddy cultivation in Kerala	Co-operative league in Development and Employment, 15 <sup>th</sup> and 16 <sup>th</sup> july,2011	National	Paper presenter
20	3 day training programme in general informatics	N.S.S College,Ottappalam, 17 <sup>th</sup> to 19 <sup>th</sup> August, 2011	Regional	Participant
21.	Emerging trends in consumerism	SNGS college, Pattambi, 19 <sup>th</sup> and 20th Dec.2011	National	Paper presenter
22.	The impact of e-commerce in rural areas	St.Joseph's college,Irinjalakuda 21 <sup>st</sup> and 22 <sup>nd</sup> Dec.2012	National	Chaired
23	The impact of micro finance and economic growth	Govt. Victoria college, Palakkad, 16 <sup>th</sup> and 17 <sup>th</sup> Jan.2012	National	Chaired
24	The impact of micro finance and economic growth	Govt. Victoria college, Palakkad, 16 <sup>th</sup> and 17 <sup>th</sup> Jan.2012	National	Resource Person
25	Emerging horizons in banking and finance	Panampilly memorial govt. college, Chalakudy, 15 <sup>th</sup> Feb.,2012	National	Paper presenter
26.	Banking divergence: Challenges and solutions	Sri Achutha Menon Govt.College, Thrissur 21 <sup>st</sup> and 22 <sup>nd</sup> Feb,2012	National	Paper presenter
27	Knowledge Management and e- governance in corporate sector	St.Thomas college, Thrissur, 6 <sup>th</sup> and 7 <sup>th</sup> March,2012	National	Chaired

28	Knowledge Management and e- governance in corporate sector, 'Can ICT be the solution for the challenges for financial inclusion: An enquiry into various enabling factors	St.Thomas college, Thrissur, 6 <sup>th</sup> and 7 <sup>th</sup> March,2012	National	Paper presenter
29.	Research article writing in Commerce in Commerce and management	Govt. Victoria College, Palakkad,22 <sup>nd</sup> and 23 <sup>rd</sup> Nov.2012	National	Resource Person
30.	Workshop on research methodology	St.Joseph's college, Irinjalakuda, 22 <sup>nd</sup> Dec. 2012	International	Chaired
31	Workshop on research methodology, Tourism potential in Palakkad District	St.Joseph's college, Irinjalakuda, 22 <sup>nd</sup> Dec. 2012	International	Paper presenter
32	Workshop on research methodology, Astudy on need, awareness and attitude on reverse mortgage loan	St.Joseph's college, Irinjalakuda, 22 <sup>nd</sup> Dec. 2012	International	Paper presenter
33	Inclusive growth in India: an Enquiry to socio economic perspectives	P.B Siddhartha college of arts and science, Vijaywada, 13 <sup>th</sup> March,2013	National	Paper presenter
34	Financial literacy towards financial inclusion	Sri Vyasa college, Wadakkanchery, 10 <sup>th</sup> and 11 <sup>th</sup> October, 2013	National	Resource person
35.	Women's participation and inclusive development	National Institute of Rural Development, 11 <sup>th</sup> and 13 <sup>th</sup> March, 2013	International	Paper presenter
36.	Emerging trends,Opportunities and Challenges	Christ college, Irinjalakuda, 3 <sup>rd</sup> Dec.2013	National	Paper presenter



37.	Entrepreneurship-Issues, Challenges, and prospects	Govt. Brennen College, Thalassery, 21 <sup>st</sup> and 22 <sup>nd</sup> Jan.2014	National	Resource Person
38	Fostering entrepreneurship for sustainable economic development	S.N College, Alathur, 20 <sup>th</sup> and 21 <sup>st</sup> ., Feb, 2014	National	Resource Person
39.	Doing business in India- Challenges and opportunities ahead	Cochin college, cochin, 29 <sup>th</sup> and 30 <sup>th</sup> August, 2014	National	Chaired
40.	Data sources : Primary and secondary	Christ college, Irinjalakuda, 30 <sup>th</sup> , Octo. 2013	Regional	Resource Person
41	Rupee Fluctuations and its impact on Indian economy	S.N College, Shornur, 9 <sup>th</sup> and 10 <sup>th</sup> October, 2014	National	Resource Person
42	Rupee Fluctuations and its impact on Indian economy 'Risk management through derivatives',	S.N College, Shornur, 9 <sup>th</sup> and 10 <sup>th</sup> October, 2014	National	Paper presenter
43	FDI and Indian economy- A multi perspective evaluation	S.N College, chellannur, 23 <sup>rd</sup> and 24 <sup>th</sup> October, 2014	National	Paper presenter
44	Perspectives of women entrepreneurs	Mercy college, Palakkad, 28 <sup>th</sup> jan.,2015	National	Resource Person
45.	Research methodology: Problem formulation and analysis, A practical approach	Cochin college, cochin, 3 <sup>RD</sup> Feb. , 2015	National	Resource Person
46	Enhancement of research aptitude among young scholars	Vimala College, Thrissur, 25 <sup>th</sup> Feb., 2015	National	Resource Person
47.	Emerging trends in banking, insurance and financial services	St. Thomas college, Thrissur, 17 <sup>th</sup> and 18 <sup>th</sup> march,2015	National	Chaired

48.	Emerging trends in banking, insurance and financial services	St. Thomas college, Thrissur, 17 <sup>th</sup> and 18 <sup>th</sup> march,2015	National	Paper presenter
49	Emerging trends in banking, insurance and financial services	St. Thomas college, Thrissur, 17 <sup>th</sup> and 18 <sup>th</sup> march,2015	National	Resource person
50	Financial services; Innovations for inclusion in India	St. Thomas college, Thrissur, 11 <sup>th</sup> and 12 <sup>th</sup> august,2015	National	Chaired
51.	Financial services; Innovations for inclusion in India	St. Thomas college, Thrissur, 11 <sup>th</sup> and 12 <sup>th</sup> august,2015	National	Chaired
52	Financial services; Innovations for inclusion in India, 'Micro insurance in Indian insurance sector: Agrowth analysis'	St. Thomas college, Thrissur, 11 <sup>th</sup> and 12 <sup>th</sup> august,2015	National	Paper presenter
53.	Research methodology and statistical analysis using SPSS	St. Joseph's college, Irinjalakuda. 30 <sup>th</sup> and 31 <sup>st</sup> . July and 1 <sup>st</sup> August,2014	National	Paper presenter
54	Research methodology and SPSS	VTB College, Mannampatta, 17 <sup>TH</sup> 18 <sup>th</sup> and 19 <sup>th</sup> of August,2015	National	Paper Presenter
55	Accelerating rural growth: New technology , innovation and entrepreneurship,' Role of MGNREGS in the rural development of India: An empirical study	Sri AATM Vallabha jain women's PG College, New Delhi, Sept. 2 <sup>nd</sup> and 3 <sup>rd</sup> ,2016	International	Paper Presenter
56	Accelerating rural growth: New technology , innovation and entrepreneurship,' A study on growth and instability of food crops in India'	Sri AATM Vallabha jain women's PG College, New Delhi, Sept. 2 <sup>nd</sup> and 3 <sup>rd</sup> ,2016	International	Paper Presenter

57	Accelerating rural growth: New technology , innovation and entrepreneurship,	Sri AATM Vallabha jain women's PG College, New Delhi, Sept. 2 <sup>nd</sup> and 3 <sup>rd</sup> ,2016	International	Paper Presenter
58.	Accelerating rural growth: New technology , innovation and entrepreneurship, Capacity building amongelected women representatives and their role in rural upliftment	Sri AATM Vallabha jain women's PG College, New Delhi, Sept. 2 <sup>nd</sup> and 3 <sup>rd</sup> ,2016	International	Paper Presenter
59	Digital financial services for sustainable development	St. Thomas college, Thrissur, 8 <sup>th</sup> and 9 <sup>th</sup> feb.,2017	National	Chaired
60	Emerging trends in finance and management	Asmabhi college, Kodungallore, 26 <sup>th</sup> and 27 <sup>th</sup> 2015,	International seminar	Paper presenter
61	Economics of Indian tourism	Govt.Arts and science college, Thrithala,13 <sup>th</sup> and 14 <sup>th</sup> December, 2016	National	Paper presentation
62	Innovative management practicesfor business excellence	SNGS college, Pattambi	National	Paper presentat

**Geetha.K**

1	ICBHRM-2016	STMPCochin 20 <sup>th</sup> &21 <sup>st</sup> Feb	International	Paper presentation
2	3i- "Intelligence,Innovation& Inclusion-Best Practices for Global Excellence	Pondichery University 11 <sup>th</sup> &12 <sup>th</sup> March 2016	International	Paper presentation
3	Workshop on IFRS	University of Calicut	International	Participation

Prabha P

No	Title	Institution and Dates	Nature	Status
1	Strategic Human Resource and Business Management(ICBHRM-2016)	STMP,Cochin 20 <sup>th</sup> &21 <sup>st</sup> Feb 2016	International Conference	Paper presentation
2	Workshop on IFRS	University of Calicut	International	Participation

Prameela P

Sl.No	Title	Institution and Dates	Nature	Status
1	ICBHRM-2016	STMPCochin 20 <sup>th</sup> &21 <sup>st</sup> Feb	International	Paper presentation
2	Financial markets issues and challenges	Bharathidasan University 7 Jan 2017 and 8 jan 2017	International	Paper presentation

Suni Devi V T

Sl.No	Title	Institution and Dates	Nature	Status
1	Emerging trends in financial management	MES College Asmabi 26 <sup>th</sup> Nov 2015	International conference	Participation

Rekha Menon P

No	Title	Institution and Dates	Nature	Status
1	Financial markets issues and challenges	Dept of commerce, Bharathidasan university 9 <sup>th</sup> Jan 2016	UGC sponsored international seminar	Paper presentation
2	Triple bottom line for sustainability	School of management, De Paul Institute of Science and Technology,Angamaly 19 <sup>th</sup> Dec2016	International conference	Paper presentation
3	Financial markets issues and challenges	Dept Of Commerce, Bharathidasan University 7 <sup>th</sup> Jan 2017	UGC sponsored international seminar	Paper presentation

16. Number of faculty with ongoing projects from

a) National

1. Details of Major Projects FUNDED BY UGC : Dr. Vasanthakumari.P.

Major Projects	Outlay in lacs	Completed	Ongoing	Sanctioned	Submitted	Duration
2011-2012	Rs. 5,62,400		√	Rs.287280		2 years
2012-2013	Rs. 5,62,400		√	Rs.287280		2years
2013-2014	Rs. 5,62,400	√		Rs.518480	Dec. 2013	2years
2014-2015	Rs. 5,62,400	UGC has accepted the report and last installment received		Rs.562400		

2. Details of other projects : Dr.Vasanthakumari.P.

Project specification	Year
Project funded by IDA designing model for the performance evaluation of Panchayati Raj institutions in India. Designation is social sector expert for Ernst and Young Duration Amount	2011-12  6 months Rs. 450000
Project funded by MP Govt for the midterm evaluation of five year plans. Designation is social sector expert for Ernst and Young.  Duration Amount	2015-2016  6 months Rs.600000

3. Details of minor Projects funded by UGC : Smt. Geetha K. and Smt.Prabha.P

Year	Funding Agency	No.	Outlay in lacs	Completed	Ongoing	Sanctioned	Submitted	Duration
2011-2012								
2012-2013								
2013-2014								
2014-2015	UGC	2	3,20,000		√			2 years
2015-2016	UGC	2	3,20,000		√			2 years
2016-2017	UGC	2	3,20,000	√				

b) International funding agencies and grants received: Nil

17. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc and total grants received ----- Proposal for a Major research project for Rs. 15 lakhs is submitted to ICSSR in November, 2016

18. Research Centre/facility recognized by the University ---- Though department is not a research centre for Doctoral research , It was approved as a research centre for post doctoral research under UGC Research Award. Dr.Vasanthakumari.P. is a research guide in Calicut and Mahatma Gandhi University and 12 scholars are doing research under her guidance. 2 were awarded Ph.D under her supervision

19. Publications:

a) Publication per faculty

\* Number of papers published in peer reviewed journals (national/ international) by faculty and students:

1. Dr. P. Vasanthakumari :  
Books : 3 published and one under publication Articles published in international data base -2 Articles published in international/ national and edited books; 31

- a) Progress and performance of SHG affiliated micro enterprises in India with focus on Kerala, International Journal of micro finance, Vol.1(1), January, 2011, ISSN 2229-449x
- b) An empirical study on the Performance and prospects of micro enterprises in India with special reference to Kerala, Research Line, Vol.3(2B), June, 2011, ISSN 0975-8941
- c) Marketing of paddy in Kerala with special reference to Palakkad district, Research line, Vol.IV (1-C), Jan.2011, ISSN0975-894
- d) A study on tourism industry in India with focus on sustainable tourism, Research Scholar, Vol.1(1), Sept.2011, ISSN 2249-6696
- e) Empowerment of women through business, JS International Journal of Social Science, Vol.1(1), July, 2011, ISSN 2249-1538
- f) Economic empowerment of women through micro enterprises in India: An interstate comparison ,Zenith international journal of multidisciplinary research Vol.2(1), Jan 2012, ISSN online, 2231-5780
- g) A study on NREGS with special reference to Palakkad district, Mirror, peer refereed journal of Commerce, management and Social science, Vol2(11-A), Sept.2012, ISSN 2249-8117
- h) Eco-tourism :Ecologically sustainable tourism destinations in Palakkad district, Global research review ,Vol.11(11), Dec.2012, ISSN 2250-2521
- i) Eco-tourism: Challenges and opportunities, Contemporary research in India Vol.5(4), Dec.2015, ISSN 2231-2137
- j) Percept of customers towards service quality of banks: A comparison between new generation and old generation banks , Global research review, Nov.2015 ISSN 2250-2521
- k) An empirical study on the satisfaction levels of employees, Mirror, Peer Refereed Biannual International Research Journal of Commerce, Management and Social Science, Vol.5 (2) ISSN 2249-8117

l) Life insurance business in Kerala : A study with special reference to Private Sector, Contemporary Commerce Review ISSN 2319-3638 Sep-2016 Vol.5(1)

m) A study on Pilgrim Tourism in Kerala, Contemporary Commerce Review ISSN 2319-3638 Sep-2016 Vol.5(1)

2. Sunidevi V T:

a) Growth a competitive strategy, Explorations, Vol.5,ISSN NO:2229-4783

\* Number of publications listed in International Database: 2

1. Dr. P Vasanthakumari :

Articles Published in SSRN Ltbrary:

a) An analytical study based on the performance of micro credit based income generating enterprises in India and its impact on women entrepreneurship (2011)

b) Women empowerment through guaranteed wage employment: A case study of MGNREGS in India (2011)

\* Monographs: Nil

\*Chapter in books:

\*Books edited: 3

1. Dr. P Vasanthakumari:

a) Women empowerment: Role of micro enterprises under Kudumbashree in India(2011), Global publications, New Delhi,ISBN 978-81-89630-18-8

b) Study on performance of Self Help Groups in India (2011), Global publications, New Delhi , ISBN 978-93-80615-00-4

c) Empowerment of women through micro credit based enterprises in India (2014),Serial publications, New Delhi , ISBN 978-81-8387-636-0

\*Books with ISBN/ISSN numbers with details of publishers: 31



1. Dr. P Vasanthakumari :

a) Measuring Entrepreneurship development: A study conducted on women entrepreneurs of micro credit centered enterprises in India, Management of sustainable development in India(ed) J.R.Arora and Arathy Basu, Global research publications, New Delhi,2011 (ISBN 978-81-89630-41-6

b) Redefining the roles of business, NGOs, and Governments: A mission for better Society,(Ed.Moodithya,et.al.),Manak publications,2011

c) Problems in marketing of agricultural product's, Engendering Agriculture Development: Emerging Perspective, Issues, Challenges and Strategies (Ed.)P. Sunder Raj, Novel publications ,Chennai,2011 ISBN 978-81-906512-3-3

d) Obstacles and opportunities before rural enterprises in India: An analytical study based , Rural entrepreneurship development in liberalized era (ed.) Amit Dwivedi and Anita Sukhwai, Book well publishers,New delhi,2012

e) Poverty eradication and rural development through capacity buildings:A case study of SHGs in India with empirical findings(Ed.)P. Sunder Raj,Novel publications ,Chennai,2011 ISBN 978-81-906512-3-3

f) 'A study on impact of FDI in Indian economy', Business education in India-Issues and imperatives(Ed.),Dr.B.Shekhar,Pragathy graphics,Bangalore, 2012,ISBN 978-93-81441-27-5

g) Empirical study on price spread in marketing of paddy in Kerala with special reference to Palakkad district in Kerala',Agri business and rural management, (Ed)Rais Ahmed, Mittal publications, New Delhi,2013,ISBN 81-8324-392-4

h) Is financial inclusion the real reason for the spread of microfinance initiatives in India? International journal of business, management and social sciences,vol.3,issue 4(1),Dec.2013(Co-authored)

i) Customer relationship management in the banking sector,Customer relationship management in the present scenario,(Ed.edwin Jnanadas),2013 ( Co-authored)

j) An Empirical study on banking habits of rural women in Kerala, Global research review, 2013

k) Role of micro finance in women empowerment', Women awakening to the power, (Ed), Serials publications, Delhi, 2016, ISBN 978-81-8387-739-8

l) Effectiveness of NREG in India, Realities, Emerging trends in social science research, ISBN 978-81-927706-5-4

2. Smt. Geetha K

a) Service Excellence in banks: A study with special reference to SBI, Handbook of commerce, ISBN NO: 978-81-8411-567-3

b) Recent trends in women entrepreneurship in India, Perspective of women entrepreneurs in India, ISBN NO: 978-93-85105-08-1

c) GHRM –An innovative approach to environment, Human Resource strategies and practices in achieving business excellence, ISBN NO 978-81-926618-7-2

d) A conceptual study on different types of financial instruments, Personal Financial Management, ISBN NO 978-81-908718-8-4

e) A conceptual study on commodities market in India, Strategic human resource practices & business management-- A new approach, ISBN NO 978-93-85000-61-4

f) Green banking as innovative approach, Intelligence innovation and inclusion best practices for global excellence ISBN NO 978-81-8209-446-8 (co-author)

g) A study on innovative products and services in banking sector, Handbook of innovation and entrepreneurship, ISBN NO 978-81-8411-571-0

3. Smt. Prabha P

a) Occupational stress among bank employees, Handbook of commerce ISBN NO: 978-81-8411-567-3

b) GHRM –An innovative approach to environment, Human Resource strategies and practices in achieving business excellence, ISBN NO 978-81-

926618-7-2(co-author)

c) Life satisfaction among Asha workers , Strategic human resource practices and business management A new approach , ISBN NO 978-93-85000-61-4

4. Smt. Prameela P

a) Job satisfaction among the employees in MSME units: A study with special reference to Palakkad district, Human Resource strategies and practices in achieving business excellence, ISBN NO 978-81-926618-7-2

b) A study on savings and investment pattern of households in Palakkad district, Personal Financial management, ISBN NO 978-81-908718-8-4

c) Attitude of investors towards integrated financial service providers; A study with special reference to Palakkad district, Strategic human resource practices and business management A new approach

d) Mobile commerce: Drivers and impediments, Innovative management strategies for emerging business-SVR NSS College, Vazhoor (National Seminar) ISBN NO 978-81-928481-15

e) A study of derivative market in India, Recent Trends in capital market and Derivative market - NSS Hindu College, Changanacherry (National Seminar) ISBN NO 978-93-85000-61-4

5. Smt. Sunidevi V. T

a) Problems of small scale women entrepreneurship: A study with special reference to manufacturing and marketing sector, Focus on socio economic background of women entrepreneurs in minority community- S.D College Alappuzha (National seminar), ISBN NO 978-93-5254-018-1

b) Environment –An oomph of business enterprises Innovative management strategies for emerging business-SVR NSS College, Vazhoor (National Seminar) ISBN NO 978-81928-4811-5

c) Key drivers of capital market , Recent Trends in capital market and Derivative market –NSS Hindu College, Changanacherry (National Seminar) ISBN NO: 978-93525-414-2

6. Smt. Priya P

a) Factors influencing personal financial management of various income earners a comparative study between businessman and salaried person, Personal Financial management, ISBN NO 978-81-908718-8-4

b) A study on customer perception towards life insurance corporation of India, Innovation and sustainable development in Business Management, ISBN : 978-81-933-172-5-9

7. Smt Jesitha J

a) A study on Buying behaviour of Men towards Cosmetics with special reference to Thrissur District,Contemporary Research in Social Sciences, ISBN: 978-93-5267-539-5

\*Impact factor:

Impact factor	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17
		0.8-1.9	1.2-2.0	1.4-2.7	Average 3.2	Average 2.4

20. Areas of consultancy and income generated

Consultancy on personal tax and application of statistical tools in research.

21. Faculty as members in

a) Board of studies

Dr. Vasanthakumari.P. is a member of 3 PG Board of Studies and  
Chairman of 2

PG Board of studies

b) National Committees

Dr.P Vasanthakumari –

1. Outstation expert for Commerce and Management, UGC, New Delhi

2. Outstation expert for Commerce and Management, CBSE, New

Delhi

3. Panel Member, UGC, New Delhi.

4. Observer, UGC NET Examination from 2010 onwards

5. Observer, JEE Examinations, conducted by CBSE

5. Member Board of PhD thesis adjudicators, Sourashtra University ,  
Rajkhot, Periyar University Salem , SRTM University  
Maharashtra.

b) Editorial Boards

Dr.P.Vasanthakumari

a. Journal of Business Management and Information Systems (online  
international journal)

b. Asian Journal of Research in Business, Economics and Management-ISSN  
2250-1673-Peer Reviewed Referred International Journal

c. Global Research Review-ISSN 2250-2521-Peer Referred Research Journal

d. Research Scholar –ISSN 2249-6696 - Peer Referred Quarterly  
Interdisciplinary Research Journal

e. Mirror –Peer Referred Bi annual International Research Journal of Commerce  
Management and Social Science-ISSN-2249-8117

f. ACRS-International Journal on Computing

Collaboration and Linkage

Dr. Vasanthakumari.P. has, in academic and research area, Collaboration with QT Analytics ,Delhi

Ernst and Young, Delhi and Bombay

22. Student Projects

a) Percentage of students who have done in-house projects including inter departmental/ programme --- Nil

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

Year	Percentage
2011-2012	7.37
2012-2013	6.91
2013-2014	6.39
2014-2015	3.18
2015-2016	0.88
2016-2017	1.76

List of linkages

2011-2012

Sl No.	Name of Industry with which Linked	Nature of linkage
1	Indus motors Pvt Ltd, Ottapalam	Academic
2	Sealtars,Palakkad	Academic
3	Prema Industries,Manisseri	Academic
4	BPL Telecom Pvt Ltd, Palakkad	Academic
5	United Industries, Arani	Academic

6	Anugraha Aluminium Crafts, Kuthayur, Vaniyamkulam	Academic
7	SDF Industries Ltd, Thiruvilwamala	Academic
8	BPL Telecom Pvt Ltd, Palakkad	Academic
9	AFSAN food products Pvt Ltd, Kavasseri, Alathur, Palakkad	Academic
10	Shornur Agri Tools	Academic
11	Sree Narayanan Engineering Industries Pvt Ltd, Shornur	Academic
12	South India Metal Co., Shornur	Academic
13	Keraleeya Ayurveda Samagam, Shornur	Academic
14	Metal Industries Ltd, Shornur, Palakkad	Academic
15	Instrumentation Ltd, Palakkad	Academic
16	Ideal Crumb Rubber Factory, Mannarkad, Palakkad	Academic
17	Hyness Products Pvt Ltd, Kannambra, Palakkad	Academic
16	Steel Industries Kerala Ltd Foundry Unit, Palappuram, Ottapalam	Academic

2012-2013

Sl No.	Name of Industry with which Linked	Nature of linkage
1	SDF Industries Ltd, Thiruvilwamala	Academic
2	Regional Agro Industrial Development Co-operative of Kerala Ltd (ARIDCO), Kanjikode	Academic
3	M/S. Classic Mouldings, Shornur	Academic
4	C.N.S Chikitsalayam, Mezhathur	Academic
5	Kallipadam Concrete Products Pvt Ltd (Hollow Bricks industry)	Academic
6	Malabar Cement Ltd, Walayar	Academic
7	Metal Industries Ltd, Shornur	Academic
8	Steel Industries Kerala Ltd, Palappuram	Academic

9	Chethana Formulation Pvt Ltd, Anamangad	Academic
10	Steel Mall Rolling Mill (P) Ltd, Kanjikode, Palakkad	Academic
11	Sri Narayana Engineering , shornur	Academic
12	Power Best Electronics Pvt Ltd, Palakkad	Academic
13	Precot Meridian Ltd, Kanjikode, Palakkad	Academic
14	Kollangode Agra Mills Pvt Ltd	Academic
15	Illban Remedies, Palakkad	Academic

2013-2014

Sl No.	Name of Industry with which Linked	Nature of linkage
1	Universal implements, Shoranur	Academic
2	Steel Industries Kerala Ltd, Foundry Unit, Palappuram, Ottapalam	Academic
3	Pyarelal Foams Pvt Ltd, Kanjikode	Academic
4	C.N.S Chikitsalayam, Thrithala	Academic
5	Kakkanat Ayurveda Ashramam, Shornur	Academic
6	Indus Motors Pvt Ltd, Pattambi branch, Thekkumuri	Academic
7	M/S Mayilvahanam Industries, Shornur	Academic
8	SDF industries, Pampadi	Academic
9	Vaidya Madam Vaidyasala and nursing home	Academic
10	Steel and Industrial Forgings Ltd Athani	Academic
11	Steel Max Rolling Mills Pvt Ltd , Kanjikode	Academic
12	PRECOT Meridian Ltd, A unit of Kanjikode	Academic
13	Kaithari Neith Vyavasaya Sahakarana Sangam Ltd, Kuthampully	Academic
14	Leo Distributors Thrissur	Academic



2014-2015

Sl No.	Name of Industry with which Linked	Nature of linkage
1	Best Plast PVC Pipes Pvt Ltd	Academic
2	Tulari Foundaries and Forgings Pvt Ltd, Kulappully	Academic
3	Steel Industrial Kerala Ltd, Ottapalm	Academic
4	M/S Thankam food product Nurani village, Palakkad	Academic
5	Instrumentation Ltd, Palakkad	Academic
6	Star Plastics, Mullurkkara, Thrissur	Academic
7	Kairali Steel and Alleys Pvt Ltd, Kanjikode	Academic

2015-2016

Sl No.	Name of Industry with which Linked	Nature of linkage
1	Kuthampully Handlooms, Thiruvilwamala	Academic
2	Gasha Steels Industry Private Limited, Kanjikode, Palakkad	Academic

2016-2017

Sl No.	Name of Industry with which Linked	Nature of linkage
1	Kuthampully Handlooms, Thiruvilwamala	Academic
2	Steel Industries Kerala Ltd, Palappuram	Academic
3	Arya Vaidya Pharmacy, Kanjikode	Academic
4	Samatha Production Centre, Mundur	Academic

23. Awards / Recognitions received by faculty and students

Dr.P Vasanthakumari :

1. UGC Research Award (3 year PDF)
2. Best Research Paper Award (International conference on micro finance at Pondicherry University)
3. Best Alumnae Award (Based on national level academic achievements from Vimala College, Thrissur)
4. Best Alumnae Award (Based on national level academic achievements from St. Joseph's College, Irinjalakuda)

5. International Travel Grant (For an International seminar conducted by UNDP and University of Cape Coast, Ghana)

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

- 1) Prof. Dr. K.P Muraleedharan (Professor, Department of Commerce and Management Studies University of Calicut, Former Director, College Development Council, University of Calicut)
- 2) Mr. T.J Jose (Regional Manager, SBI Palakkad)
- 3) Mr. Padmajan T (AGM, RASMEC, SBI Palakkad)
- 4) Mr. Sreekumar P (Manager State Bank of Hyderabad, Erode, Tamil Nadu)
- 5) Prof. Dr. Satheesh E K (Professor, Department of Commerce and Management Studies University of Calicut)
- 6) Mr. Madhusudhanan Kartha ( Professor , Maharaja's College, Ernakulam)
- 7) Mr.Padmakumar T A ( Former Secretary, DTPC, Palakkad)
- 8) Mr.T K Jayakumar (Special Officer, DTPC Palakkad)
- 9) Mr.Ramesh ( Manager, SBI PBB, Ottapalam)
- 10) Mr.Gopakumar P.B ( Centre Manager,T.I.M.E, Thrissur)
- 11) Mr. Preetham Menon ( Faculty, ELIMS,Thrissur)
- 12) Mr. Basheer. P.A. ( Assistant District Industries Officer, Ottapalam)
- 13) Mrs. M.V Bhageerathi( MD, Amrutham Food Products)
- 14) Mr. Jhony.T.T (Officer, Industries Extension Centre, Palakkad)
- 15) Mrs. K . Chinnamalu( Deputy Registrar, DIC, Palakkad)
- 16) Mrs. Vanaja T K ( Senior Co-operative Inspector, Taluk Industrial Office, Ottapalam)
- 17) Mr. T.M Sanakaran (Marketing Manager, HANTEX)
- 18) Mr. Sanesh ( Asst Professor, SVNSS, Thrissur and SEBI Trainer)
- 19) Mr. Devidas ( Marketing Manager, SBI, Palakkad)
- 20) Mr. Venugopalan R ( SEBI Trainer)
- 21) Mrs. Lino George ( Industrial Officer, Taluk Industrial Office, Ottapalam)
- 22) Mr. Sethumadhavan P ( DIET, Ernakulam)
- 23) Mr. Wahab ( Senior Head, T.I.M.E Palakkad)
- 24) Mr. Sreekanth ( Senior Head, T.I.M.E Palakkad)
- 25) Dr. Krishnakumar ( Director, Chathamkulam Business School, Palakkad)

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

Organized by the department

2013-14	2014-15	2015-16	2016-17
<b>National</b>			
		SBH Thrissur, PTA and SBI PBB Ottapalam- Research: multi-faceted dimensions	1.National Seminar On Emerging Trends in Capital Market 2.National Seminar On Emerging Trends In Banking And Finance sponsors- SBI Ottapalam and SBH
<b>State</b>			
1.Under sponsorship Green marketing: Issues and challenges	1.PTA and SBH,Thrissur Risk management in Foreign exchange market	1.Handloom Cloth Directorate, Trivandrum and DIC Palakkad- Regional seminar on Handloom sector 2.Thaluk Industrial Office, Ottapalam- Regional seminar on Entrepreneurship 3.ED Club, Regional seminar on Role of SSI in Indian Economy 4.SBI PBB Ottapalam-workshop on Hi-Tech Banking 5.SEBI- Regional seminar on Financial Planning for young Investors	1. ED Club Workshop on self employment programme 2.DIC Palakkad – seminar on Entrepreneurship among youth 3.SBI PBB Palakkad – Buddy Software Installation 4.SBI PBB Palakkad -- Workshop on Demonetization Strategies
PTA and T.I .M .E Legal and ethical issues in E - commerce	PTA and SBI. 1.Online trading in stock exchanges :A practical experience 2. Incentives and assistance for self employment : Role of banks	Chathamkulam Business School, Kanjikode- Career Guidance Programme	

Organised by the students

Year	Activities
2015-2016	Management Fest – Treasure Hunt, Management Games, Commerce Quiz, Role plays
2016-2017	1. One day workshop on Online Trading, Soap making and Agarbathi making, and Jewellery making 2. Commerce Exhibition

26. Student Profile Programme/Course wise

Name of the course/programme		Applications received	selected	Enrolled (Total No of Students)		Pass percentage	
				male	female	B Com	M com
2011-12	B com	600	60	55	125	91.37	94.7
	M Com	202	20	6	31		
2012-13	B com	980	60	61	119	92.7	100
	M Com	270	20	1	36		
2013-14	B Com	1050	60	63	117	94.8	100
	M Com	310	20	3	36		
2014-15	B Com	1250	60	60	120	94.23	100
	M Com	375	20	4	36		
2015-16	B Com	1420	64	61	123	95	100
	M Com	430	20	6	37		
2016-17	B Com	1650	63	56	131		
	M Com	520	20	9	31		

27. Diversity of students

Name of the course	% of students from the same State	% of students from other States	% of students from abroad
UG and PG	100	Nil	Nil

28. How many students have cleared national and state competitive examinations such as NET ,SLET ,GATE ,Civil services ,Defense services?

YEAR	NET	SLET	GATE	CAT	IAS/IPS	PSC	UPSC	Others
2011-12	2			8				
2012-13	1			10				
2013-14	2			9				
2014-15	1			11				
2015-16	2			12				

30. Student progression

<b>STUDENT PROGRESSION</b>	<b>Against % enrolled</b>
UG to PG	64.56%
PG to Mphil	
PG to Ph.D	20.22%
Ph.D to Post Doctoral	
Employed	80.75%

PLACEMENT OF STUDENTS

Year	On campus			Off campus
	No.of organization visited	No.of students participated	No.of students placed	No.of students placed
2011-2012	Vijaya Bank	5	1	
2012-2013	Federal Bank Vysya Bank	12	1	1
2013-2014	KPMG FEDERAL BANK State Bank of India	10 15	6 4	3 1
2014-2015	L&T Federal Bank	5	1	1
2015-2016	KPMG,ASAP,FEDERALBANK,SBT			7
2016-2017	HDFC			3

30. Details of infrastructural facilities

A. Library

Details	Number
Text books	2916
Reference books	301
Journals National	- 11
CD s	65

Digital database: in the URL on the website [www.digilibsotp.org.in](http://www.digilibsotp.org.in)

B. Internet facilities for staff & students

11 computers with BSNL broad band connection is available for both teachers and students

C. Classrooms with ICT facility

Two UG classes and two PG classes are ICT Oriented, Equipped with LCD

White boards are displayed in two PG classes and two UG Classes

**D. Other facilities**

Codeless wired audio system and Visual laser

**E. Laboratories**

IT Lab: 6 computers with BSNL broad band connection, one printer, one projector and one LCD pointer

31. Number of students receiving financial assistance from college university, government or other agencies

Scholarships and Financial support: No. of student beneficiaries

**a.) SPONSORED BY FACULTY OF DEPARTMENT**

Year	No. of students	
	UG	PG
2011-2012		
2012-2013		
2013-2014	3	3
2014-2015	3	3
2015-2016	3	3
2016-2017	4	3

**b.) SPONSORED BY GOVERNMENT**

YEAR	KPCR		FOR PH STUDENTS
	UG	PG	UG
2011-2012	29	9	1
2012-2013	42	10	
2013-2014	37	11	
2014-2015	37	11	
2015-2016	36	10	
2016-2017	26	9	

1. KPCR-Fee concession

2. Physically Handicapped students scholarship from Additional Directorate of Collegiate Education

3. Others

32. Details on student enrichment programmes ( special lectures/ workshops/ seminar) with external experts

No: of student beneficiaries

<b>Year</b>	<b>WWS</b>	<b>ASAP</b>	<b>SSP</b>	<b>Bank coaching</b>	<b>NET coaching</b>	<b>Career guidance</b>
2011-2012					12	209
2012-2013						192
2013-2014				6		208
2014-2015	4	2		24	18	206
2015-2016	8	6				201
2016-2017	12	6	10	60	40	192

33. Teaching methods adopted to improve student learning

- Audio visual aids are used
- LCD projectors are used for learning
- Seminars are arranged to help the students get an in-depth study of the subject matter
- Bulletin board is used to help the students to update with latest information
- Group discussions, debates, and role plays are arranged to stimulate reflective thinking and encourage creative expressions.
- Case study method is used to train them in the technique of in depth analysis and decision making.
- Problem solving method is used to encourage the learner to adopt right thinking and learning.



- Tutorial meeting are conducted weekly to identify the learning difficulties of students
- Remedial coaching and peer teaching are conducted
- Bridge and Introductory classes were conducted
- Career Guidance classes were conducted to equip the students to mould their future.

34. Participation in Institutional social responsibility (ISR) and extension activities :

Recognizing the social responsibilities of an educational institution, the dept. is keen in extending their support to the poor, weaker and needy strata of the society in the following ways:

#### **EXTENSION ACTIVITIES OF COMMERCE DEPARTMENT**

##### **2011-2012**

During 2011-12 a survey on financial literacy of BPL household were conducted by PG Department of Commerce. As part of this survey PG students visited 100 BPL Households in palappuram area. The studies revealed that majority of the households do not know the formalities of opening bank accounts and how to fill up different forms available in banks and post offices. Based on this, a survey team of 30 members assisted the household to open savings bank accounts, provided practical training on filling cheques, DD forms, credit and debit slips etc. Majority of the household co-operate with us and express their gratitude also.

##### **2012-2013**

PG Department of Commerce has conducted awareness classes on detection of fake currency notes of 500 and 1000. During this period we also conducted a study on usage of mobile phones among the students. A sample of 100 students were selected for this study and the result shows that there were bad effects of mobile phone among teenagers. Considering this facts, awareness regarding evil effects of mobile phone were provided to that group.

### **2013-2014**

During the period of 2013-2014, we selected SHGs as part of our extension survey. Self Help Group is a small association of poor people. They come together for the purpose of solving their common problems through mutual help. PG students have conducted classes on how to maintain and keep books of accounts with the banks. Faculties also provide awareness programmes on different financial schemes provided by the government. Both the students and other faculty members of PG Dept. of Commerce also involved in the programme.

As a part of need based pre-recruitment training including how to appear for the interview to qualified youth in Meetna, Ottapalam, PG Dept. of Commerce has organized the following:

- a) PG Students delivered a lecture on important concepts of HRM
- b) Faculties of the PG Dept also conducted a talk on opportunities of the various recruitment sources like banks, PSC, SSC, Postal Department etc.
- c) They also delivered a lecture on guidelines for the preparation of “Resume”. Department also distributed the format of Resume. All the participants have prepared a resume based on that.

### **2014-2015**

During the period of 2014-2015 PG Department of Commerce ,N.S.S College,Ottapalam take initiatives to conduct motivation classes to members of Balasabha constituted by NHGs of Kudumbashree and conducted classes on personality development, soft skill development etc.

A survey was also conducted on entrepreneurship development. For this ,we selected rural areas of Palakkad District and awareness classes on government support and bank schemes were provided to educated youth to promote entrepreneurship.

**2015-2016**

PG Dept. of Commerce has conducted a survey on socio economic background of Kumbarankund Colony, Palakkad. Kumbarankund is a semi urban area in Ottapalam Municipality. The survey was mainly conducted to identify the standard of living of Kumbaran Community. The important aspects taken for the study covers household deatils, health and infrastructural facilities. Both the students and faculty members take active part in the survey and based on the data collected, they also conducted awareness classes.

**2016-2017**

The students of PG Dept. of Commerce have installed e-wallet softwares as part of digital financial literacy programmes. It brings a great relief to the people in the eve of demonetization. The highlights were:

- The area covered were N.S.S College , Ottapalam. The application installed to 70 students and awareness classes regarding the use of wallets, different financial products and services were also given to 100 students.
- The area covered – Vidya Nagar, Ottapalam. The application installed to 13 households and awareness class provided to 20 households.

36. SWOC analysis of the department and future plans

SWOC Analysis

STRENGTH	WEAKNESSES
<ol style="list-style-type: none"> <li>1. Legacy</li> <li>2. The most sought after course in the college</li> <li>3. Meritorious and brilliant students</li> <li>4. Exemplary Academic results</li> <li>5. Distinguished Alumnae</li> <li>6. Resourceful and dedicated faculty</li> <li>7. Student centric teaching learning environment</li> <li>8. Computer lab</li> <li>9. PG Grant from UGC during Xth, XIth and XIIth Plan</li> <li>10. Social responsibility and leadership</li> <li>11. Digitalised library</li> <li>12. ICT Enabled class rooms</li> <li>13. Research Centric department</li> <li>14. Effective tutorial system and remedial coaching</li> <li>15. Linkages and Collaborations</li> </ol>	<ol style="list-style-type: none"> <li>1. Infrastructure constraint</li> <li>2. Curricular constraint</li> <li>3. Lack of paid consultancy</li> <li>4. Newly recruited faculty</li> </ol>

OPPORTUNITIES	CHALLENGES
<ol style="list-style-type: none"> <li>1. Linkages and collaborations with industry and research organisations</li> <li>2. Elevate as Research Centre</li> <li>3. Start Management Courses</li> <li>4. More placement to students</li> </ol>	<ol style="list-style-type: none"> <li>1. Rapidly changing educational environment</li> <li>2. Autonomous and self financing colleges with new curriculam and better infrastructure</li> <li>3. Enhancing and maintaining infrastructure</li> </ol>

**Future Plans**

- Elevate the department as a research centre
- Encourage the faculty to take doctoral research degree
- Publish a national level research journal with ISSN Number

- Convert all class rooms as smart class rooms
- Motivate the students to publish articles in peer reviewed refereed journals and present papers in seminars/workshops
- Take up more social surveys and its follow up programmes
- Add more facilities to computer lab
- Organise international seminars in the coming years
- Create more interface with industry

## ELECTRONICS

1. Name of the department : ELECTRONICS
2. Year of Establishment 1995
3. Names of Courses offered Complementary course for UG
4. Number of Teaching posts

	Sanctioned	Filled
Professors		
Associate Professors	1	1

5. Faculty profile

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. Students guided for the last 4 years
K.M. Gayathridevy	M.Sc.	Associate Professor	Electronic	19	NIL

- 6 Student -Teacher Ratio (programme wise): UG Complementary 1:34

- 7 Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil/PG

Name	Qualification
K.M GAYATHRIDEVY	M.Sc. ELECTRONICS

8.Details of Infrastructural facilities

a) Library :

b) Laboratories : 1

9. Ongoing projects from a) National funding agencies and grants received

UGC Minor Project (2015-2017) with a grant of 2.5 Lakhs

10. Teaching methods adopted to improve student learning:

- Lectures
- Seminars
- Assignments
- ICT enabled teaching
- Test Papers
- Oral Questioning
- Group discussions
- Practical sessions

11. SWOC analysis of the department and Future plans

**Strength:**

- Well Equipped Laboratory and sufficient books in library.
- Good support and resource sharing between Computer Science and Physics departments

**Weakness:**

- Not a core programme
- Inadequate Infrastructural facilities (Classrooms, Smart Board, LCD etc.)
- No technical staff in the Lab

**Opportunity:**

Compared to other complementary courses offered to B.Sc Computer Science Programme, Electronics Course provides more opportunity in IT,

other industries and helps to qualify competitive examinations like UGC  
JRF/NET

**Challenges:**

Being a complementary course, only a small area of the subject is  
covered in the course.

**Future plans:**

To introduce Core Course in Electronics

To conduct short term courses.



## **SANSKRIT**

1. Name of the department : SANSKRIT
2. Year of establishment : 1968
3. Names of Programmes/ courses offered (Ug/PG/Mphil,Ph.D/Integrated Masters; Integrated Ph.D;Etc): Nil
4. Names of Interdisciplinary courses and the Departments / units involved:  
a) COMPLIMENTARY COURSE FOR BA MALAYALAM, COMMON COURSE BA,B.Sc, B.Com, IC & CS
5. Annual /semester/CBCS (programme wise): semester (CUCBCSS)
6. Participation of the department in the courses offered by other departments : Nil
7. Courses in collaboration with other universities ,industries, foreign institutions, etc. : Nil
8. Details of courses/ programmes discontinued (if any) with reasons : Nil
9. No. of teaching Posts :2

	Sanctioned	Filled
Professors	-----	-----
Associate Professors	-----	-----
Assistant Professors	1	Guest Faculty

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

Sl.No.	Name	Qualification	Designation	Specialisation	No. of years of experience
1	Vijayakumari.C	M.A.B.Ed, SET	Guest Faculty	Sanskrit Sahithya	9 years

11. List of senior visiting faculty : Nil

12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty:

Year	No. of teachers	Percentage of lectures	Name
2011-2012	1	50%	Vijaya kumari (1 year)
2012-2013	1	50%	Vijayakumari (1 Year)
2013-2014	1	50%	Vijayakumari( 1 Year)
2014-2015	1	50%	Viayakumari (1 year)
2015-2016	2	100%	Rajesh C V (7Months) Vijayakumari (1 Year)
2016-17	1	50%	Vijayakumari( 1Year)

13. Student / teacher ratio (programmewise) : 35: 1

14. No. of academic support staff (technical ) and administrative staff; sanctioned and filled : Nil

15. Qualifications of teaching faculty with DSc/.D.Litt./Ph.D/M.Phil., PG :  
PG -1

16. No. of faculty with ongoing projects from a) National, b) International funding agencies and grants received : Nil
17. Departmental projects funded by DST-FIST; UGC, DBT,ICSSR, etc and total grants received : Nil
18. Research centre/ facility recognized by the university : Nil
19. Publications :
- a) Publication per faculty :Nil
  - b) Article/chapters published in books
  - c) Number of publications listed in International Database (for eg. Web of science ,scopus, Humanities International Complete, Dare Data base/ International Social Science Directory, EBSCO host, etc. )
20. Areas of consultancy and income generated : Nil
21. Student projects
- a) Percentage of students who have done in house projects including inter departmental/programme : Nil
  - b) Percentage of students placed For Projects In Organizations outside the institution i.e in Research laboratories/Industry/other agencies : Nil
22. Awards/recognitions received by faculty and students : Nil
23. List of eminent academicians and scientists/visitors to the department. Nil
24. Seminars/Conference/ Workshop organized & the source of funding
- a) National :
  - b) International
25. Student profile programme/coursewise:NIL

\*M=Male \*F=Female

26. Diversity of students

27. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, CIVIL SERVICES, Defence Services, etc?

Nil

28. Student progression

29. Details of Infrastructural facilities

a) Library : Nil

b) Internet facilities for staff & students NIL

c) Class rooms with ICT facility NIL

d) Laboratories NIL

30. Number of students receiving financial assistance from college, university, government or other agencies About 90% of students in each Year.

32. Details on student enrichment programmes (special lectures/workshops/seminar) with

external experts.

33. Teaching methods adopted to improve student learning.

- Group Learning,
- Interaction,
- Remedial Teaching,
- Conventional Method,
- Advanced Methods Like Smart Class Rooms.

34. Participation in institutional social responsibility (ISR) and Extension activities.

35. SWOC analysis of the department and future plans

Strength:

- Unity of different languages
- Dedicated team work
- Strong desire for existence and development of our Language.

Weakness : Insufficient Permanent Staff

Opportunity : Ample demand for placement in teaching, and cultural field.

Challenges: Lack of interest of new generations towards language , literature and traditional UG courses.

Future plan: Language lab

PG Course and, Research Centre

Inter collegiate programmes

## **POLITICS**

1. Name of the Department: POLITICS
2. Year of Establishment: 1969
3. Names of Programmes / Courses offered:Subsidiary Course for BA Economics and BA English
4. Names of Interdisciplinary courses and the departments/units involved:  
NIL
5. Annual/ semester/choice based credit system (programme wise): BA – CBCSS
6. Participation of the department in the courses offered by other departments: SUBSIDIARY PAPER FOR ECONOMICS AND ENGLISH
7. Courses in collaboration with other universities, industries, foreign institutions, etc.- NIL
8. Details of courses/programmes discontinued (if any) with reasons -NA
9. Number of Teaching posts

	<b>Sanctioned</b>	<b>Filled</b>
Professors		
Associate Professors		
Assistant Professors	1	1

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

Sl. No.	Name	Qualification	Designation	Specialisation	No. of years of experience
1	Dr.Vijesh.T.P.	M.A.m.Phil, Ph.D	Asst. Professor	Political Thought, Indian Constitution & Public policy	4 years

11. List of senior visiting faculty- Nil

12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty: Nil

13. Student -Teacher Ratio (programme wise)

BA (sub)- 1:200

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled : NA

15. Qualifications of teaching faculty with

Total number of Faculty: 1

D.Sc	D.Litt	Ph.D	M.Phil	PG
		1	1	1

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received- 1(National)

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

18. Research Centre /facility recognized by the University NIL

19. Publications:

- \* a) Publication per faculty
- \* Number of papers published in peer reviewed journals (national / international) by faculty and students
- \* Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)  
NIL
- \* Monographs Nil
- \* Chapter in Books
- \* Books Edited Nil
- \* Books with ISBN/ISSN numbers with details of publishers
- \* Citation Index Nil
- \* SNIP Nil
- \* SJR Nil
- \* Impact factor Nil
- \* h-index Nil

20. Areas of consultancy and income generated Nil

21. Faculty as members in

- i. National committees
- ii. International Committees
- iii. Editorial Boards....



22. Student projects

- i. Percentage of students who have done in-house projects including inter departmental/programme nil
- ii. Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/ other agencies

23. Awards / Recognitions received by faculty and students:

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

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

- a. National
- b. International

26. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc. ?

27. SWOC Analysis:

STRENGTH: Qualified and Committed staff

## **STATISTICS**

1. Name of the department: **Statistics**
2. Year of Establishment: 1961
3. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.): Nil
4. Names of Interdisciplinary courses and the departments/units involved:

a) **Complementary Course for B.Sc Mathematics**

**Quantitative techniques for MA Economics**

5. Annual/ semester/choice based credit system (programme wise)-

UG: **Choice based credit semester system**

PG: **Semester system**

6. Participation of the department in the courses offered by other departments:

a) **Quantitative techniques for MA Economics**

b) Courses in collaboration with other universities, industries, foreign institutions, etc: **Nil**

7. Details of courses/programmes discontinued (if any) with reasons: **Nil**

8. Number of Teaching posts

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt.

/Ph.D. / M. Phil. etc.,)

- List of senior visiting faculty: **Nil**

- Percentage of lectures delivered and practical classes handled(programme wise) by temporary faculty: **PG: 6Hrs, UG: 9Hrs (100%)**
  - Student -Teacher Ratio (programme wise) **UG 54:1,PG 5:1**
  - Number of academic support staff (technical) and administrative staff; sanctioned and filled: **NIL**
  - Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil / PG.-  
**PG: 1**
  - Number of faculty with ongoing projects from a) National b) International funding agencies and grants received-2 ongoing projects funded by National agencies : **Nil**
  - Departmental projects funded by DST - FIST; UGC, DBT, ICSSR, etc. and total grants received: **Nil**
  - Research Centre /facility recognized by the University: **Nil**
  - Publications:
    - ☐ a) Publication per faculty: **Nil**
    - ☐ Number of papers published in peer reviewed journals (national / international)by faculty and students:**Nil**
    - ☐ Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)
20. Areas of consultancy and income generated: **Nil**
21. Faculty as members in
- a) National committees b) International Committees c) Editorial Boards  
: **NIL**
  - b)
22. Student projects

- a) Percentage of students who have done in-house projects including inter departmental/programme-100% inhouse projects for both UG and PG Programmes: Nil
  - b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/ other agencies: **Nil**
23. Awards / Recognitions received by faculty and students:  
Faculty : **NIL**  
  
Students : Dhanya M-Perumbillil Nayayana Marrar Endowment  
  
(Given by Nair Service Society)
24. List of eminent academicians and scientists / visitors to the department  
Nil
25. Seminars/ Conferences/Workshops organized & the source of funding
- a) National
  - b) International
  - c) Regional
26. Student profile programme/course wise:Nil
27. Diversity of Students:-
28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc. ? **Nil**
29. Student progression:-
30. Details of Infrastructural facilities
- a) Library
  - b) Internet facilities for Staff & Students: Yes
  - c) Class rooms with ICT facility:1
  - d) Laboratories :1
31. Number of students receiving financial assistance from college, university, government or other agencies : About 90% Students in each year.

32. Details on student enrichment programmes: (**special lectures / workshops / seminar**) :Nil
33. Teaching methods adopted to improve student learning:- by giving seminars assignments, smart classes, group discussions, viva
34. Participation in Institutional Social Responsibility (ISR) and Extension activities:-
35. SWOC analysis of the department and Future plans:-
  - STRENGTH: Course Demand and PG Course
  - Departmental Library with more than 400 books
  - Enough permanent faculty
  - WEAKNESS: Insufficient research activities and publications
  - Shortage of Infrastructure
  - OPPORTUNITY: Ample demand for placement in teaching, banking and IT field
  - CHALLENGES: Lack of public transport facilities
  - FUTURE PLAN: Upgrade as a research center

## Physical Education

1. Name of the department : Physical Education
2. Year of Establishment : 1967
3. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.) : Open Courses for fifth semester students(Physical Activity Health & Wellness PE5D03)
4. Names of Interdisciplinary courses and the departments/units involved:  
NA
5. Annual/ semester/choice based credit system (programme wise):
6. Participation of the department in the courses offered by other departments:
7. Courses in collaboration with other universities, industries, foreign institutions, etc. : NIL
8. Details of courses/programmes discontinued (if any) with reasons :  
NIL
9. Number of Teaching posts

	Sanctioned	Filled
Professors		
Associate Professors		
Assistant Professors	3	1

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

Name	Qualification	Deignation	Specialisation	No. of years
Indu.P.Nair	MPE	Assistant Professor	Physical Education	6 Years

11. List of senior visiting faculty : Nil
12. Percentage of lectures delivered and practical classes handled(programme wise) by temporary faculty : NA

13. Student -Teacher Ratio (programme wise) : NA
14. Number of academic support staff (technical) and administrative staff; sanctioned and filled :  
Technical Staff – Sanctioned & filled 1
15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil / PG : PG
16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received : 1-MRP, UGC fund, Ongoing
17. Departmental projects funded by DST - FIST; UGC, DBT, ICSSR, etc. and total grants received
18. Research Centre /facility recognized by the University : NA
19. Publications:
  - \* a) Publication per faculty
  - \* Number of papers published in peer reviewed journals (national / international) by faculty and students
  - \* Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.) : Nil
  - \* Areas of consultancy and income generated: Nil
20. Faculty as members in
  - a) National committees b) International Committees c) Editorial BoardSMember of SPAI
21. Student projects: Nil
  - a) Percentage of students who have done in-house projects including inter departmental/programme
  - b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/ other agencies

22. Awards / Recognitions received by faculty and students : NA
23. List of eminent academicians and scientists / visitors to the department:  
Nil
24. Seminars/ Conferences/Workshops organized & the source of funding  
: Nil
- a) National
- b) International
25. Student profile programme/course wise: Nil
- \*M = Male \*F = Female
26. Diversity of Students : NA
27. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.?  
  
NA
28. Student progression : NA
29. Details of Infrastructural facilities
- a) Library :
- b) Internet facilities for Staff & Students :1 Computer with internet connection
- c) Class rooms with ICT facility :
- d) Laboratories :
30. Number of students receiving financial assistance from college, university, government or other agencies :
- NA
31. Details on student enrichment programmes (special lectures / workshops / seminar) with external experts : NA
32. Teaching methods adopted to improve student learning
33. Participation in Institutional Social Responsibility (ISR) and Extension activities: Nil



34. SWOC analysis of the department and Future plans

**Future Plans:**

- Construction of indoor stadium with all facilities Volleyball court, Basketball court & Shuttle Badminton court
- Construction of a spacious hall for yoga, karate, aerobics, etc.
- Construction of 400m track by widening the existing ground.

## **POST-ACCREDITATION INITIATIVES**

## **POST-ACCREDITATION INITIATIVES**

N.S.S College, Ottapalam was accredited in 2007 at B++ level. It was a turning point in the history of the college as the college witnessed a paradigm shift after the accreditation. There has been a change in the attitude of all the stakeholders of the campus. Attitude is the key for the success of any endeavour and change is grossly determined by the attitude of the policy makers and academic administrators. Before accreditation, change was not welcomed abruptly. After accreditation, principal, teachers, students and all the stakeholders began to embrace change and it resulted in redefining the role of the students and teachers. It led to the starting of new courses, significant progress in the academic sphere, introduction of new tools for teaching and learning, enhancement of infrastructure and more result oriented activities. Research, consultancy and extension flourished. The college community became more conscious about the need for accountability, academic audit and quality assurance in all activities. The post-accreditation initiatives undertaken by the college is detailed below.

### **Progress in Academic sphere**

The most important paradigm shift was in the curriculum. In 2009, the college switched over to Choice-based Credit and Semester system. The common Course, Core Course, Complementary Course and Open course offered by the system offered more flexibility. Course evaluation also changed. Instead of the annual examination both internal and external evaluations were introduced. The academic community at the college welcomed the change positively and accepted it as the need of the hour. To supplement the curriculum of the University, the college began to offer many courses and programmes like Certificate Courses, Bridge Course and Finishing school to equip the students to face the challenges in the modern world scenario.

### **Change in the attitude of the faculty**

There has been a tremendous change in the attitude of the faculty. They became effective quality controllers of the campus. Structural adjustments were made and decentralization of duties experimented as part of post-accreditation. They were found to be very effective. Instead of the traditional lecture method, they slowly switched over to seminars, workshops and presentations and the college helped them by enhancing infrastructure facilities appropriately. The effective use of technology in teaching has been continued during these years. It is a welcome change to see that more teachers have come forward to use computers for lesson plan and note preparation. The Power Point presentations and the use of LCD have gained much popularity within the teaching community. The faculty began to attend more and more seminars, workshops and became more interested in research and extension activities. The student centred teaching strategy of the college has increased exposure of students to various off campus and on campus programs. The college Management, IQAC and college Council began to work together for achieving the desired goals. The procedures initiated for the NAAC accreditation continued.

### **Student assessment of teachers and action taken on student feed back**

Before accreditation, teachers were averse to the idea of comprehensive feedback collection centralized consolidation and analysis. As a post accreditation, this has been slowly introduced. As usual, the feedback collected from parents during PTS meetings was encouraging. The results obtained were discussed in departmental meetings. It was heartening to see the system of collecting feedback from students by respective teachers and using it for self-improvement without impinging on the ego of the teaching community. During the 2016-17 academic year attempts were made to collect feedback online in which students would be given a password with which they can enter the site and fill the form. Students were not enthusiastic to fill the online form.

### **Increase in the membership of the faculty in University Bodies**

Teachers were motivated to take up more responsibility in curriculum designing and other policy matters by becoming members in different academic bodies of the university. This would enable us to air our views in the university bodies on the different aspects of the curriculum transaction, examination reforms and so on. As a result, many of our faculty members serve as members of Syndicate, Senate, Academic Council, Faculties, Board of studies, Doctoral Research Committees, Ph.D Thesis Evaluation Committee and Editorial Board of international/ national research journals.

### **Spurt in Research Activities**

A research committee has been constituted, even though the college is not a research centre. The objective of the Research Committee is to create research culture among the members of the faculty and students and to motivate faculty for collaboration and consultancy. All the departments in the college are keen on conducting seminars/ workshops. Our faculty members have presented around 123 papers in international/national/regional seminars including six papers in foreign universities. Two of our faculty have received UGC Research Award for post doctoral research. A remarkable number of papers were published in international/national peer reviewed refereed journals. Some of our faculty received recognition for their contribution to research. Around 30 teachers are engaged or completed minor/Major research projects.

### **Measures initiated for differently-abled**

In the post-accreditation scenario, the college became more conscious about the need for inclusiveness and equity in the admission process. More facilities were introduced to facilitate the need of the differently abled students. Ramps have been constructed at different places. Remedial courses were introduced to help the slow learners. Economic help was provided to the economically backward students by way of scholarship and endowments. As the students come from diverse background and with mixed knowledge, the college began to arrange programmes like Bridge course and Know Your College to help them to cope

with the situation. Remedial courses and Scholar Support Programmes are conducted for the average students.

### **Walk with the Scholar Programme (WWS)**

Advanced learners are motivated to join Walk With the Scholar Programme which gives them opportunities to emerge in life under the tutelage of internal and external mentors. It proposes to arrange specialized mentoring programs for students in the Under Graduate Programms in Arts, Science and Commerce and to provide guidance for their future. The scheme introduces the idea of mentoring and builds on the concept of mentor as 'Guide' and 'Friend'. The scheme aims at giving necessary orientation to needy students, to prepare them for employment and give them necessary guidance, motivation and necessary mental support to identify appropriate areas for higher study as well as employment. The college started the programme in 2014-15 as a post - accreditation initiative.

### **Scholar Support Programme (SSP)**

Scholar Support Programme (SSP) aims at extending personalized additional support to students in chosen subjects of the curriculum, challenging to the student, identified through a systematic result analysis. SSP aims at personalized additional support to needy students through tutorials, supply of study materials and question banks, imparting additional lectures and interactive sessions, formation of Quality circles in colleges for the programme and dissemination of classes through Personal and Web based modes etc. The college selected a maximum of 6 subjects and 50 students for the Programme, one of the subjects is English (Part I) for 10 students. The other subjects were identified as per the needs of the college and students based on results analysis work for the Scholar Support Programme. A teacher from the same department is appointed to mentor and analyze the students' progress throughout the programme period. Additional classes are taken to make them understand the difficult areas in the respective subject. Dr. Suraja E M (Department of Malayalam) is working as the coordinator of this programme.

### **Additional Skill Acquisition Programme (ASAP)**

Additional Skill Acquisition Programme is a part of the State Skill Development Programme, a joint venture of Department of Higher Education, General Education, Labour and Local Self Government, to increase the skilled manpower in the state. ASAP has embarked on a journey to impart training with the objective of building a pool of skilled personnel with appropriate skills, in line with the requirements of the industry. Being aware of the sweeping changes in the labour market, ASAP aims at creating a new generation of educated and skilled personnel who fills this vacuum. For this, ASAP has set up multiple programmes and training opportunities. The Programmes aims at equipping selected college students with skills in Communication, IT and selected areas of industry and service sectors. At Level 1, ASAP imparts 300 hours of skill training to selected first year students (30 per batch, maximum 2 batches in an institution). Of this, 180 hours is a foundation module comprising of Communication Skills and IT skills and the remaining 120 hours is the module related to the skill sector chosen by the student. ASAP came in to functioning in the college from 2014-15 academic years. Both the Social and economic background is taken into consideration for selection of students. Those students, who need a job immediately after UG has given a preference during the ASAP selection. Initial batch consisted of 21 students from various departments and later batches contain 26 and 31 students each.

### **Finishing School**

Another programme started in the post-accreditation era was the Finishing school. The college has been conducting a finishing school programme for the final year P.G students since the academic year 2015-16. The objective of the programme is personality development and communicative and soft skills development as a part of equipping the students to gain employment. The programme is designed to help the students to reflect on their skills, understand where they stand and proceed to the goals with greater determination. The programme also sensitizes them to the process of campus placement and acquaints them with the entry level job vacancies for graduates and post

graduates. This helps the students to understand the vast recruitment market, industry specific SWOT, Smart Career Moves and core competences required.

### **Bhoomithrasena club**

The club aims to create awareness among the student community about the hazards of ecological debilitation and the need of a sustainable life style. Here the students are trained in such a way that they help in preserving the natural habitat and create an eco-sensibility. Different talks, debates, seminars and discussions on environmental issues are organized. A total of 138 students are members. The important activities include a survey on traditional farming methods practiced by local farmers for collecting data about the traditional knowledge, a programme for encouraging the utility of organic farming, cleaning of local water bodies, one day seminar on medicinal plants, clean campus programme to eradicate plastic waste, celebration of world environment day, one day seminar on 'conservation of nature & role of human beings', poster to highlight the importance of ozone layer.

### **Tourism club**

This helps the students to understand about the versatility and beauty of nature in Kerala through travelling, video shows, quiz competitions etc. The activities conducted by the tourism club include a lecture on the topic 'Emerging Trends in Tourism', publication of a booklet containing tourist destinations in Palakkad district, slide show presentation of students and a photography on Natural Wonders.

### **Albatross Nature Club**

The defunct Albatross Nature club was regenerated in the post accreditation era with the objective of creating awareness among the students regarding conservation of Nature. The club conducted various seminars, talks, awareness campaign and surveys to make better relation to nature. The major activities include a talk on Wildlife conservation by Mr. Divin Murukesh, Research Scholar, organized a rally in Ottapalam as part of National Energy Conservation



Day on 14<sup>th</sup> December, 2016, provided opportunities to the students to participate in Otter Monitoring Programme at Thootha River, Cherpulassery and a survey on Campus Birds was conducted during 17-20 February.

### **Entrepreneurship Development Club**

During the last four decades, Kerala has attained world wide acclaim for its achievements in the social sector particularly in health and education system. But the performance of the industrial sector has not been keeping pace with the potential of the state. Govt. of Kerala has recognized this factor and has instituted bold and forward looking measures to tap the unique strength of the state aimed at providing a suitable stimulus for industrial growth. The department of industries and commerce, Govt. of Kerala in association with education department formulated a scheme to set up entrepreneurship development clubs in schools and colleges of the state to inculcate entrepreneurship culture amongst youth and equip them with the skills, techniques and confidence to act as good entrepreneurs. The ED club is run by department of commerce and Smt. Premeela is the co-ordinator. A regional seminar on entrepreneurship was organised in order to develop entrepreneurial skill among the students. The resource person for the seminar was Smt. Lino George, Industrial Officer, Taluk Industrial Office, Ottapalam. An awareness seminar on the handloom sector was organised in association with handloom cloth directorate, Thiruvananthapuram and DIC. A quiz competition was conducted for the students. An exhibition cum sale of handloom clothes, a regional seminar on role of SSI in Indian economy was organized. A regional workshop on self employment programme was organised. Various trainings were provided on soap making, agarbathi making, jewellery making and online trading. A regional seminar on entrepreneurship development programme among youth was organized. An interactive session with a successful woman entrepreneur Smt. Bageerathi, MD, Amrutham food products was conducted.

### **Examination Reforms**

The switch over from annual to the semester system at the UG and P.G levels with continuous and end semester assessments transformed the examination system into a fruitful one. The academic committee has been closely monitoring our system. The two-tier examination system with periodic examination two times in a semester and one model examination at the college level has been introduced. It has been found successful. Field study reports, attendance and general performance were given due credit for arriving at the final score. The changes in the attitude of the teaching community, student community and the examination reforms have helped us to raise our pass percentage.

### **New courses**

One of the finest achievements of the post-accreditation initiative is the starting of B.A History with tourism as subsidiary. It was started in 2013. The course acquires importance because of the tour content in it. Another milestone in the post accreditation scenario is the starting of M.Sc Computer Science programme. It was started in 2013. This has increased student capability in a highly competitive job market.

### **NET/SET**

Due importance was attached to the training of students for competitive examinations. The PG Departments made strenuous effort to train students for NET and SET by creating awareness among them. We tried to introduce an ad hoc system for continually training the students but due to time constraints it failed to take off. With a view to help the students we applied for grants for NET and SET coaching in the 12<sup>th</sup> plan to the UGC and it was sanctioned. This helped us to seek the help of professionals in training our P.G and UG students. For general papers, we clubbed the different subjects together and for subject papers classes were arranged differently.

### **Entry in Services Scheme**

In order to equip the students to compete for National level, competitive examinations, the college has conducted training/coaching programmes for Bank / Insurance / Railway / PSC/ And UPSC recruitment examinations with UGC aid under coaching for entry in services. National level mock bank /Insurance test, group discussion and personal interviews were conducted. Around 500 students were benefited under this scheme.

### **Digital Library**

Attempts for improving the quality of library services and sustenance of user-friendly attitude initiated during post accreditation scenario have been successful. The use of library software for routine functions like issuing and returning the books was supportive. The college library has been digitalized with the MLA fund for local area development in 2010. This helps the students to access knowledge from any part of the world. The library has been recognized as a network centre by the UGC. The use of digital library has made an abrupt amplification in the knowledge harnessing capacity of students and staff.

### **Common Computer Lab and department labs**

A common Computer Lab has been established. It is accessible to all and works from 9.30 to 4.30. Reprographic facilities have been introduced there. Students can freely access NET in the common computer lab. Increased use of computers and internet is evident from the log book maintained at the computer lab. Post accreditation years witnessed the optimum utilization of the services of the computer lab by the students and faculty. As project works have become part of the curriculum, use of computer lab has become essential. Department of Commerce and Economics have their own computer labs procured from the UGC fund for P.G assistance. Periodic up gradation of computer hardware has been taken care of by the Computer Science Department. The computer training offered to students has drastically improved the quality of power point presentations of student seminars. Steps have been taken to upgrade and add new software in our systems.

### **Language Lab**

Language lab was not there in the college during the first accreditation. One member of the peer-team had suggested we should buy one. A language Lab software has been installed in the common computer lab which enables the students to learn English Phonetics, spoken English and other soft skills. The language content of the software facilitates the four language skills namely listening, speaking, reading and writing. It has been introduced with a view to acquaint our students with Received pronunciation which is the standard pronunciation in English. Exposure to the native English is essential to the job aspirants as most of the vacancies are in the IT field.

### **ICT enabled class room and seminar hall**

At least one class room of each department is equipped with state of the art facilities. Teachers and students make use of the ICT to make teaching more effective. The seminar hall is well equipped with ICT provisions and a sound system. The touch board in the seminar hall is also equipped with the ICT equipments.

### **Automated office**

The college office is partially automated. This has helped easy access to various files. Though total office automation has been our dream project over the years, it could not be achieved due to paucity of funds. However, we have fully computerized the admission process. Salary bills of the staff have also been totally computerized. The computerization of fee collection and accounting system in addition to examination results, issue of certificates and attendance statement are gradually progressing. Technology up gradation of total office automation is still our dream project. Computerization of salary bills and admission process have been very encouraging.

### **Measures taken for the upkeep and maintenance of sensitive equipments**

To ensure uninterrupted power supply a generator with 75 kv was installed in the college. It can light up the whole college and hostel. Stabilizers and UPS have been installed to prevent the sensitive instruments from voltage

fluctuations. ELCBs also are also fitted in each computer lab. Care has been taken to earth connect all equipment to prevent shock hazard.

Though accreditation has intensified and diversified the campus life, sustenance of the tempo has been a problem. This has led to the delay in applying for post accreditation. The changes brought by the first accreditation has resulted in good results, more infrastructure facilities, more student support programmes, more club activities and added to the vibrancy of the campus. A lot of our dreams are yet to be completed but college can well be proud of registering improvement in all aspects of the campus life in the post accreditation period.

We look forward to a lot of improvement in the coming years which we would like to put under the title 'Perspective 2020'.

#### **To start research centres in all P.G Departments**

This has been one our dream projects for many years. Shortage of space has been the most vexing problem. A final decision has to be taken by the management in this regard.

#### **Modernization of stadium**

The college ground has only a two hundred metres track and is poorly maintained . A proposal for the modernization of the stadium is in the pipe line. A pavilion has to be constructed with modern amenities. It would give a facelift to the institution and contribute to the generation of extra income, if managed with vision.

#### **To start post-graduate courses in Malayalam, Botany, Zoology and Chemistry**

Management's decision, government and university sanction are the major bottlenecks.

#### **Better infrastructure**

1. Building for a new gymnasium
2. New Basket ball court
3. Multi-Gymnasium
4. Central computer lab with more space
5. New software for total automation

**DECLARATION BY THE  
HEAD OF THE INSTITUTION**

Certified that the Self-Study Report of N.S.S. College, Ottapalam is a *bona fide* account of the activities of the college during the last five years. This report has been prepared by the IQAC of the college after consulting all the stakeholders and no part of it has been outsourced. It has been prepared in tune with the format of NAAC.

**PRINCIPAL**

# **CERTIFICATES**

### Certificates of compliance

#### Certificate of Compliance

(Affiliated/Constituent/Autonomous Colleges and Recognized Institutions)

This is to certify that N.S.S. COLLEGE OTTAPALAM (Name of the institution) fulfils all norms

1. Stipulated by the affiliating University and/or
2. Regulatory Council/Body [such as UGC, NCTE, AICTE, MCI, DCI, BCI, etc.] and
3. The affiliation and recognition [if applicable] is valid as on date.

In case the affiliation / recognition is conditional, then a detailed enclosure with regard to compliance of conditions by the institution will be sent.

It is noted that NAAC's accreditation, if granted, shall stand cancelled automatically, once the institution loses its University affiliation or Recognition by the Regulatory Council, as the case may be.

In case the undertaking submitted by the institution is found to be false then the accreditation given by NAAC is liable to be withdrawn. It is also agreeable that the undertaking given to NAAC will be displayed on the college website.

Date:

Place: Ottapalam



*(Handwritten Signature)*

Principal/Head of the Institution  
(Name and Signature with Office seal)  
**Dr. Madhusudanan Pillai K R**  
Principal  
N.S.S. College  
Ottapalam



**Certificate of Affiliation**



Phone: 0471-23056;  
Fax: +91-471-230711  
Email: [kuregr\\_1@eth.ri](mailto:kuregr_1@eth.ri)  
[kuregr\\_2@eth.ri](mailto:kuregr_2@eth.ri)

**UNIVERSITY OF KERALA**

Thiruvananthapuram, Kerala, India - 695034

(Established as University of Travancore by the Travancore University Act in 1937 and reconstituted as University of Kerala by the Kerala University Act of 1957 and presently governed by the Kerala University Act of 1974 passed by the Kerala State Legislative Assembly)

No.AcB/03/2010

Dated: 29/01/2010.

**CERTIFICATE**

This is to certify that the N.S.S College, Ottapalam, Palakkad was started as an affiliated College of the University in the year 1961 and continued as such, till the formation of University of Calicut, in 1968.

This certificate is issued to the Principal, N.S.S College, Ottapalam, Palakkad for the purpose of applying for Jubilee Grant from University Grants Commission.



*[Signature]*  
**REGISTRAR**

*[Signature]*  
29/01/10

**Certificate of 2 (f) & 12 (B) of UGC Act**



**UNIVERSITY OF CALICUT**  
(College Development Council)

Grams : UNICAL  
Fax : 0494-2400269  
☎ : 0494-2400252  
(EPABX) : 2401144-47  
Extn. 128  
Email [cdccouncil@rediffmail.com](mailto:cdccouncil@rediffmail.com)

Calicut University P.O.,  
Pin 673 635  
Kerala (India)


No. CDC/B<sub>2</sub>/Misc./1861/2004

Date: 10-09-04

To whom it may concern

This is to certify that the N.S.S. College, Ottapalam is included under the 2(F) & 12(B) of UGC Act 1956, as per the list received from the UGC in this regard.

The Certificate is issued for submitting to the NAAC for accreditation.

  
DIRECTOR



**Certificate of Educationally Backward Area**



**SANJEEV KAUSHIK, I.A.S.**  
DISTRICT COLLECTOR &  
DISTRICT MAGISTRATE

Collectorate Palakkad, 6


Phone { Office : 27  
      { Resi : 28

Fax No. { 0491 - 25  
       { 0491 - 26

E-mail : dcpkd@nicpkd.ker.

CERTIFICATE

This is to certify that NSS College Ottapalam is situated in an educationally backward area in Ottapalam Taluk of Palakkad Revenue District. The majority of the students of this institution are coming from socially, educationally and economically poor circumstances.

  
DISTRICT COLLECTOR

Palakkad  
10.03.2004

## UGC Grant in Aid



ज्ञान-विज्ञान विमुक्तये

F.No 3-1(025)/2012(UG)(XII PLAN)/KLCA025/SWRO

The Principal  
NSS COLLEGE  
OTTAPALAM  
PALAKKAD - 679 103

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

21-Mar-14

Sub: XII Plan allocation under General Development Assistance to Colleges –

Sir/Madam,

I am directed to convey the approval of the UGC to NSS COLLEGE, OTTAPALAM, PALAKKAD, the XIIth plan allocation under the "General Development Assistance" (GDA) for the development of undergraduate and postgraduate education. The UGC in the XIIth plan has decided to provide grants under General Developmental Assistance as 'Block Grant'. The college will have the flexibility to incur expenditure as per the needs of the college. Accordingly, grant allocated under GDA to the college is under two object heads viz. Grant-in-aid General(31) and Capital Assets (35).

Capital Assets (35) 80% of total allocation Rs.	Grant-in-aid General (31) 20% of total allocation Rs.	Total Rs.
6609906/-	1652477/-	8262383/-

1. The aforementioned allocation is for the development of undergraduate and postgraduate education. 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(025)/2012(UG)(XII PLAN)/KLCA025/SWRO dated 21-Mar-2014. Re-appropriation of funds between Grant-in-aid General (31) and Capital (35) is not permissible.
2. The heads under which college can incur expenditure include Books and Journals, Equipment, Instrumentation facilities, Construction/Extension/Renovation of building, improvement of existing premises, competence building initiatives in colleges, Educational innovation, Field Work/Study Tours, Extension Activities, ICT in education, Common room and toilet for women, Day Care Centre, Human Rights and Duties Education and, Career and Counseling Cell.
3. The college has to constitute a Planning Board with Principal as Chairman and Heads of departments, IQAC Coordinator, Librarian Bursor/Senior person from the Accounts department, as members.
4. The Planning Board will finalise allocation to Undergraduate and Postgraduate departments after identifying the heads and deciding on priorities of departments.
5. The eligibility criteria for Undergraduate and Postgraduate departments to get assistance under the scheme is given in the XIIth plan guidelines for General Development Assistance Grant to Colleges. The Planning Board may refer to the guidelines before finalizing allocation to Undergraduate and Postgraduate departments.
6. Expenditure on construction/extension/renovation of building should not exceed 50% of the total grant under GDA. The college must inform the requirement of funds or otherwise for construction/extension/renovation of building to UGC-SWRO, as per the procedure given in the XIIth Plan guidelines for the scheme of Development Assistance to colleges for the construction of buildings during the XIIth Plan to enable release of first installment grant for construction/extension/renovation purpose.
7. After finalizing the budget allocation for Undergraduate and Postgraduate education, the Planning Board should submit the details as per Annexure-I and Annexure-II in the XIIth Plan guidelines alongwith building committee resolutions, in case funds required for Construction/Extension/Renovation, to the UGC, SWRO, Bangalore, on or before 31st June, 2014.

Yours faithfully

N. S. S. College, Ottapaliam

Funds approved by Planning Board

CAPITAL ASSETS (35)

S No.	Item	Amount Approved by Planning Board (for UGC Grant)
	Basic Development Grant (Total)	
✓ a	Books and journals	7,00,906
✓ b	Equipment	9,50,000
✓ c	Instrumentation Maintenance Facility	1,00,000
✓ d	Construction/extension/renovation of building: Administration Block	41,31,900
✓ e	Improvement of existing premises	1,00,000
✓ h	Educational Innovation	
✓ k	Improvement of facilities in existing premises - common room and toilet facilities for women	2,00,000
!	Establishment of Day Care centres in Colleges	
n	Career and counselling cell	
✓ o	ICT in Education	4,28,000
	Total	66,09,906
	Grant Total (Total Capital Asset + Grant in Aid)	<b>82,62,383</b>

Signature of Chairman and Members of Planning Board.....

1. Dr. V.K. Sudhakaran (Principal in charge and Chairman) *VKS*
2. Dr. Vasantha Kumari P. *Vasanth*
3. Dr. Sarojini Sudhak (for) *Sarajini*
4. Smt. Vijayalakshmi (for) *Vijayalakshmi*
5. Smt. Jayanthakumari.R *Jayanthakumari*
6. Smt. P.C. Thankom *PCT*
7. Smt. Manju.B.L *Manju*
8. Shri. Radhakrishnan K. *Radhakrishnan*
9. Dr. Venugopalakrishna Kurup *Venugopalakrishna*
10. Dr. Vrindadevi (Librarian) *Vrindadevi*
11. Shri. A. Jayaprakashan (Office supdt.) *Ajayaprakashan*



*VKS*  
Principal  
N.S.S. College, Ottapalam



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

UNIVERSITY OF CALICUT

46650/CDC-A2/2014/CU (I)

Date.....  
 Dated 10.04.2017

TO WHOM IT MAY CONCERN

This is to certify that NSS College, Ottapalam, Palakkad district, Kerala is affiliated to the University of Calicut and recognised by the University Grants Commission and the following courses/ subjects are taught in the said college as per approval.

No	Programme	Affiliation	Period of Validity	Period
1	BA English Language and Literature	Permanent	2016-17	Three years
2	BA Economics	Permanent	2016-17	Three years
3	BA Malayalam	Permanent	2016-17	Three years
4	BA Hindi	Permanent	2016-17	Three years
5	BCom Finance	Permanent	2016-17	Three years
6	BSc Mathematics	Permanent	2016-17	Three years
7	MA English	Permanent	2016-17	Two years
8	MA Economics	Permanent	2016-17	Two years
9	MCom	Permanent	2016-17	Two years
10	MSc Mathematics	Permanent	2016-17	Two years
11	BSc Industrial Chemistry	Permanent	2016-17	Three years
12	MSc Physics	Permanent	2016-17	Two years
13	BSc Computer Science	Permanent	2016-17	Three years
14	MSc Computer Science	Provisional	2016-17	Two years
15	BA History	Provisional	2016-17	Three years
16	BSc Physics	Permanent	2016-17	Three years
17	BSc Chemistry	Permanent	2016-17	Three years
18	BSc Zoology	Permanent	2016-17	Three years
19	BSc Botany	Permanent	2016-17	Three years

This certificate is issued, on the request of the Principal of the college for the purpose of producing before the UGC in connection with the NAAC Accreditation process.

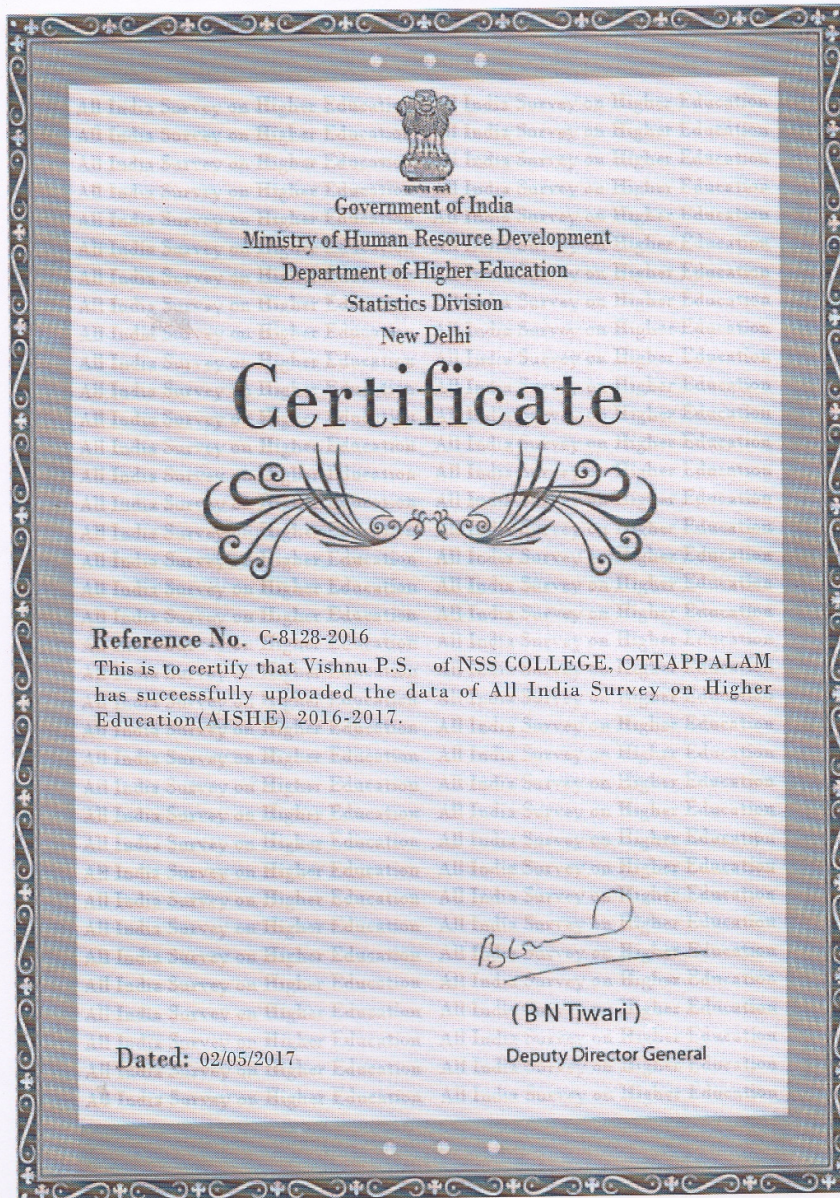
Counter signed



*[Signature]*  
 Dr. Abdul Majeed T.A.  
 Registrar

*[Signature]*  
 Dr. Madhusudanan Pillai K R  
 Principal  
 N.S.S. College  
 Ottapalam









## Quality Profile

Name of the Institution : N. S. S. College  
Place : Ottapalam, Dist. Palakkad, Kerala

Criterion	Criterion Score (Ci)	Weightage (Wi)	Criterion X Weightage (Ci x Wi)
I. Curricular Aspects	80	10	800
II. Teaching-learning and Evaluation	85	40	3400
III. Research, Consultancy and Extension	90	05	450
IV. Infrastructure and Learning Resources	85	15	1275
V. Student Support and Progression	85	10	850
VI. Organisation and Management	75	10	750
VII. Healthy Practices	80	10	800
		100	$\Sigma C_i W_i = 8325$

$$\text{Institutional Score} = \frac{\Sigma C_i W_i}{\Sigma W_i} = \frac{8325}{100} = 83.25$$

*Aravind*  
Director

EC/41/02

## **ANNEXURES**

**Annexure – I**

**DETAILS OF SEMINAR OR WORKSHOPS ATTENDED  
AND PAPER PRESENTED**

**2011-12**

<i>Department</i>	<i>Name of faculty</i>	<i>Hosted college</i>	<i>Nature</i>	<i>Status (participation/ Presentation)</i>	<i>Title of the paper presented/ Topic of the Seminar</i>
ENGLISH	Dr.K.Usha	Bhaasha & Riwatch pune	International	Attended	Journey of folktales
HINDI	Dr.Sreelatha.T R	NSS College, Nenmara	National	Presented	Mythreyi pushpa ke upanyasom mem chithrith sangarshasheel sthree”
	Dr.Sreedevi.G.	NSS College , Nenmara	National	Presented	“ Doud”-vyavasayikatha aur aajeevika ke paripreshya mem
		Hindi Sahithya Sangam, Palakkad and Government Victoria College, Palakkad,	Regional	Presented	A study of Shamsher Bahadur Singh
	Dr.E.Premakumari	NSS College , Nenmara	National	Participated	Hindi novels of post sixties and women writing
	Dr.T.R.Jayasree	NSS College , Nenmara	National	Participated	Hindi novels of post sixties and women writing
	Dr.Sajeev.K.	NSS College , Changanassery	National	Participated	Contemporary Hindi Literature New Aspects
MALAYA LAM	Dr.U.Jayaprakash	National translation mission, Kerala Sahithya	National	Participated	1.translation 2. Translation 3.symposium on translation

		Academy, Thrissur NSS College, Manjeri NSS College, Nenmara			
ECONOMICS	Dr Maya C Pillai	Govt Victoria College Palakkad	National	Presented	Towards more inclusive and contemporary growth – Indian fertilizer Industry” In “Two decades of economic reforms – thought for the twelfth plan”
		Govt College, Chittoor	National	Presented	“Some issues on capital convertability in the Indian economy” in “India as an emerging economy challenges and prospects”
		Sacred Hearts College Chalakkudy	National	Presented	“ Rising responsibility of women education institution towards gender complimentarity in the Kerala model “ in “ National workshop on womens higher educaion institutions, impact influences and challenges’
	Anuradha.P.	Dr.John Mathai Centre, Thrissur	National	Participated	Human rights issues in early marriage
COMMERCE	Dr.Vasantha kumari.P.	University of Cape coast and UNDP, Ghana	International	Presented	6 <sup>th</sup> Annual micro finance conference , Social capital formation through micro finance institutions ; A case study of India
		Thammasat university and SIBR, Bangkok	International	Presented	SIBR Conference on Interdisciplinary Business and economic researchAn analytical study on the performance of income generating enterprises in India and its impact on women entrepreneurship
		Thammasat university and SIBRBangkok	International	Presented	SIBR Conference on Interdisciplinary Business and economic researchAn evaluation of NREGS implementation in India

Dr.Vasantha kumari.P.	St.Joseph's college,Irinjalak uda	International	Chaired a Session	New trends in Business
	St.Joseph's college,Irinjalak uda	International	Presented	New trends in Business Medical tourism
	M.E.S College, Ponnani	National	Presented	A practical approach to responsible tourism
	Meenakshi College, Chennai	National	Resource person	Status and sustainability of micro finance in India
	Pondicherry university	International	Presented	4 <sup>th</sup> international conference in micro finance, 'Progress and performance of SHG affiliated micro enterprises in India'
	Pondicherry university	International	Presented	4 <sup>th</sup> international conference in micro finance An evaluation of financial inclusion through SBLP
	St.Albert's college, Ernakulam	National	Presented	Global financial crisis
	Carmel college,Mala	Regional	Resource Person	Recent trends in capital market
	Government college, Chittur	National	Presented	Recent trends in commerce, Trade and industry
	New Delhi Institute of Management	National	Presented	Management of sustainable development in India Measuring entrepreneurship development in India
	New Delhi Institute of Management	National	Presented	Management of sustainable development in India An evaluation on the performance of NREGS in India

Dr. Vasantha kumari.P.	Co-operative league in Development and Employment	National	Presented	Engendering Agriculture Development:Emerging Perspectives, issues and challenges Agro based enterprises in India: A Critical evaluation
	Co-operative league in Development and Employment	National	Presented	Engendering Agriculture Development:Emerging Perspectives, issues and challenges Problems of paddy cultivation in Kerala
	N.S.S College, Ottapalam	Regional	Participated	Training programme in general informatics
	SNGS college, Pattambi	National	Presented	Emerging trends in consumerism
	St. Joseph's college, Irinjalakuda	National	Chaired Session	The impact of e-commerce in rural areas
	Govt. Victoria college, Palakkad	National	Resource Person	The impact of micro finance and economic growth
	Panampilly memorial govt. college, Chalakudy	National	Presented	Emerging horizons in banking and finance
	Sri Achutha Menon Govt. College, Thrissur	National	Presented	Banking divergence: Challenges and solutions
	St. Thomas college, Thrissur	National	Chaired Session	Knowledge Management and e- governance in corporate sector
	St. Thomas college, Thrissur	National	Presented	Knowledge Management and e- governance in corporate sector, 'Can ICT be the solution for the challenges for financial inclusion: An enquiry into various enabling factors

CHEMISTRY	Dr. Dhanya. T P.	CUSAT	National	Presented	“Visible light responsive s-n codoped TiO <sub>2</sub> photocatalyst for the degradation of 2,4 D” in CTric2011
		CUSAT	National	Presented	Enhanced photocatalytic activity of silver doped titania synthesized through sol gel method
		University of Calicut	National	Presented	Enhanced photocatalytic activity of nitrogen doped titania synthesized through sol gel method.” In “National Conference on Advances in Organic & Physical Chemistry
	Mohanakrishnan. M	University of Calicut	National	Presented	Presented a poster ‘Perfumery properties of flower essential oil of <i>Tectonagrandis</i> ’
		MES Keveeyam College Valanchery	National	Presented	Poster ‘Chemical composition of leaf essential oil from brazilian cherry growing in India,
BOTANY	Dr. V. Venugopalakrishna Kurup	Govt. Victoria college, Palakkad	National	Participated	‘Plant systematic and its relevance in present era’
	Mrs. Seema Devi R	Govt. Victoria college, Palakkad	National	Participated	Plant systematic and its relevance in present era’
ZOOLOGY	Dr. K.K. Hemalatha	Sacred Heart College, Chalakkudy	National	Participated	‘Recent trends in insect pest management’ (DCE, Kerala)
	Dr. Sushama, S.	Govt. Victoria College, Palakkad	National	Participated	Threats to biodiversity: an urgent need for sustainable management’

ELECTRONICS	Dr. Gayathri Elayidam	University of Kerala	International	Presented	Verson's gland proteins as insect metamorphic endocrine marker molecule
		NSS College Nemmara	National	Presented	"Molecular approaches in the study of insect metamorphosis using versons gland from <i>Papilio polytes</i> " in National seminar on bioinformatics-concepts, skills and applications. Biology in silica.



**2012-13**

<i>Department</i>	<i>Name of Faculty</i>	<i>Hosted college</i>	<i>Nature</i>	<i>Status (participation/ presentation)</i>	<i>Title of the paper</i>
English	Dr.Sarojini Sudha	Sree Vivekananda College, Kunnankulam	National	Presented	Foklore
	Dr. P.Hemalatha	Sankaracharya Sanskrit University	National	Chaired a session	Vedic ecology
	Dr.K.Usha	Sri Vyasa N.S.S.College, Wadakkanchery	National	Chaired a session	Feminist theatre
		St.Cyril's College, Adoor	National	Presented	"Poetry as Culture: American Ethnic Women Poetry:Discourses of Being and Becoming
		Acharya Nagarjuna University. Gundur, AndhraPradesh	International	Presented	Literary Interrogations: Native American Women Poets And their Strategies of Survival.
	Sangeetha Varma	Govt. Brennan College, Thalassery	Govt. of Kerala	Participated	"Theory and Context: Nature, Peace and Women". In 'Recent Trends in Literary Theory'
Malayalam	Dr. K.B. Sumitha	Dept. of culture Govt. of Kerala	International	Participated	Thribha sangamam
		NSS College Nilamel	National	Participated	A perspective of dalith life in Malayalam literature.

Hindi	Dr. E. Premakumari	Government Victoria College, Palakkad	National	Presented	“Vishnu Prabhakar ke Nadakom mem Nari”
	Dr.T.R. Jayasree	Sree Sankaracharya University of Sanskrit, Regional Centre, Thrissur	National	Presented	Sobhanadh Padak ke Khandakavya ‘AEKALAVYA’ ‘mem Chithrith Dalith Samasya
Botany	Seema Devi R.	University of Calicut	International	Participated	6th International Symposium on the family Zingiberaceae
Commerce	Dr. Vasanthakumari	Govt. Victoria College, Palakkad	National	Resource person	Research article writing in Commerce in Commerce and management
		St.Joseph’s college, Irinjalakuda	International	Chaired a session	Workshop on research methodology
		St.Joseph’s college, Irinjalakuda	International	Presented	Workshop on research methodology, Tourism potential in Palakkad District
		St.Joseph’s college, Irinjalakuda	International	Presented	Workshop on research methodology, Astudy on need, awareness and attitude on reverse mortgage loan
Commerce	Geetha, K.	P.B Siddhartha college of arts and science, Vijaywada	National	Presented	Inclusive growth in India: an Enquiry to socio economic perspectives
		Govt. Victoria College Palakkad	National	Participated	Research Article Writing in Commerce & Management
		SNGS College, Pattambi	National	Presented	“An empirical study on smart cards issued by banks” In “Two decades of Economic reforms in India”

Economics	Maya C. Pillai	Govt. Victoria College Palakkad	National	Participated	Fiscal reforms in the post recession period
	Anuradha, P.	DCE, Thiruvananthapuram	National	Participated	Modernisation and marginalisation : Women in Politics and Development
		ICSSR	National	Participated	Role of Computers in Social Science Research
Political Science	Vijesh, T.P.	Payyanur College, Payyanur	National	Presented	“The role of media in protecting human rights” In “ Mass media and Human rights”
		Central University of Kerala, Kasargode	International	Presented	“WTO, GATTs and Higher Education in India: Implications and Concerns” In “India and International Organisations: Towards Multilateralism”
	Vijesh, T.P.	Central University of Kerala, Kasargode	International	Participated	India and WTO: Towards Effective multilevel Governance of International Public Goods
Zoology	Dr. Sushama, S.	Dept. Of Aquatic Biology and Fisheries, University of Kerala	International	Presented	“Biodiversity of Ponnanni Estuary” In “Ecosystem Conservation, Climate change and sustainable development”
	Dr. K.K. Hemalatha	Govt. Victoria College, Palakkad	National	Participated	Biotechnology and Information Technology
	Dr. Gayathri Elayidam	Mercy College Palakkad	National	Presented	“Quantum dots : Nanobiological avenue to track live cell molecules of Insect Molecular Endocrinology” In “Biovision 2012”

**2013-14**

Department	Name of Faculty	Hosted college	Nature	Status (participation/ presentation)	Title of the paper
English	Dr. Sarojini Sudha	ISSR, Trivandrum	International	Presented	Humour in Bama's Sangati
		ISSR, Trivandrum	International	Presented	Humour in Bama's Sangati
	Dr. K. Usha	ISSR	International	Presented	Salman Rushdie, The Shah of Blah: Humour as tool in Haroun & The Sea of Stories
	Harinarayanan	SreeKerala Varma College, Thrissur	National	Presented	"New Generation and the Old ghosts: A reflection of the Revolution in Malayalam Cinema" In "Film, Film studies and Ideology"
	Sangeetha Varma	SreeSankara University of Sanskrit, Kalady	National	Presented	"Autochthony and the Female Autograph" In "Literature and the Environment"
	V. Jayakrishnan	NSS College Ottapalam	National	Chaired a Session	Cinema and Adaptation
	Dr. Sajeev, K.	Govt: Victoria College, Palakkad,	National	Presented	"Srujanathmak Lekhakom ki Hindi Sameeksha"

Hindi	Manjula, P.S.	P.R. N.S.S College, Mattanor	National	Presented	“Yown shoshan ka shikar bani nari jeevan ek thrasadi- ‘Prethayoni’ ke vishesh sandarbh mem”
		S.N.G.S College, Pattambi	National	Presented	“Hindi Kavitha mem Dalith Chethana”-Sooraj Pal Chowhan ki Kavitha sangrah ‘kab hogi voh bhor’ – ke vishesh sandarbh mem”
Malayalam	Dr. K.B.Sumitha	Keral Sahithya Academi, Thrissur	International	Presented	Paristhithidarsanam sugathakumarikkavithakalil
		Govt. College Chittur	National	Presented	blog–samakalika samvadathinte naveena mukham
		NSS College Ottapalam	National	Presented	Mithukal aravindante kummatiyil
Chemistry	Dr. Sandhya R.	CUSAT	National	Presented	‘Synthesis of Indole Derivative by the Reaction of Nitrene with Electrone Deficient Acetylene’
	Umadevi, A.G.	Kerala & Thunchathezh uthachan Malayalam University, Tirur	National	Presented	“A study on the seasonal variation of ground water nitrate concentration in the industrial region of Eloor, Kerala ” In “24 <sup>th</sup> Swadeshi Science Congress”
	Smt.Nayana.K.	Govt. College, Chittoor	National	Participated	Recent developments in Physics
Physics	Smt.Nayana.K.	Mercy College, Palakkad	National	Participated	Advancements in material science

Commerce	Dr. Vasanthakumari.P	Bangkok	International	Presented	International Research conference on Economics, Law and Social sciences
		Sri Vyasa college, Wadakkanchery	National	Resource Person	Financial literacy towards financial inclusion
		National Institute of Rural Development	International	Presented	Women's participation and inclusive development
		Christ college, Irinjalakuda	National	Presented	Emerging trends, Opportunities and Challenges
		Christ college, Irinjalakuda	Regional	Resource Person	Data sources : Primary and secondary
		Govt. Brennen College, Thalassery	National	Resource Person	Entrepreneurship-Issues, Challenges, and prospects
		S.N College, Alathur	National	Resource Person	Fostering entrepreneurship for sustainable economic development
	Prabha, P.	NSS College Nemmara	National	Participated	Emerging trends in Factoring
		MES Kalladi, Mannarkkad	National	Participated	Managerial Excellence for Strategic change
	Prameela, P.	NSS College Nemmara	National	Participated	Emerging trends in Factoring

Economics	Geetha, K.	MES Kalladi, Mannarkkad	National	Participated	Managerial Excellence for Strategic change
		NSS College Nemmara	National	Presented	Emerging trends in Factoring
	Maya C.Pillai	Govt. Victoria College, Palakkad	National	Presented	Immigration in Kerala – Focus on cautionary aspect” <i>In</i> “Kerala’s development priorities in the new millenia”
	Anuradha, P.	St. Aloysius College, Elthuruth	National	Presented	“Gender empowerment measure :An evaluation of the political participation and decision making power of women in India- with special reference to Kerala” <i>In</i> “Economic Liberalisation and Inclusive Growth in India
	Radhika Krishnan	Cochin College, Kochi	National	Presented	“The Fiscal position of Kerala economy- an analysis” <i>In</i> “Doing business in India – Challenges and opportunities ahead”
		SN College Varkala	National	Presented	“Trend in public expenditure and revenue of Kerala” <i>In</i> “Recent trends in Kerala State finances”
	Sajitha, P.P.	NSS College Manjeri	National	Presented	Recent trends of discourses in economics – a comparative analysis
Zoology	Dr. Gayathri Elayidam	University of Kerala	International	Presented	“Metamorphosis – A Paradigm Shift Studies In <i>Dysdercus ingulatus</i> and <i>Papiliopolytes</i> ” <i>In</i> “Integrative and comparative physiology SEIB 2013
		Govt. College Chittoor	National	Participated	Man and wild life : Survival issues
	Dr. Sushama, S.	St. Aloysius College, Elthuruth	National	Presented	“Studies on Spider Diversity of Palapuram Region, Palakkad District, Kerala”. <i>In</i> “Modern trends in Zoological research

**2014-15**

<i>Department</i>	<i>Name of Faculty</i>	<i>Hosted college</i>	<i>Nature</i>	<i>Status (participation/ presentation)</i>	<i>Title of the paper</i>
English	Dr. Sarojini Sudha.	Garden City College, Bangalore	National	Chaired a Session	“Shattered Childhood: Trauma and Child Abuse in The Kite Runner and The God of Small Things”
	Dr.K.Usha.	MPMMSN Trusts College, Shoranur	National	Resource Person	Feminist Theatre: Texts and Contexts.
		Sathybama University Cheanai	International	presented	Relevance of Literature in the changing Context.
	Sangeetha Varma	Amrita School of Arts and Sciences, Kochi	National	presented	“Writing a Feminine Landscape: Woman and Memory” <i>In</i> Down to Earth: Ecological Orientations in Literature and Arts
		Mercy College, Palakkad	International	presebted	“Writing (for) Survival: Native Women Reconstructing TheoryTwo
	Aparna B.	Govt, Victoria College Palakkad	National	presented	“Movements in Time/Space”
		Mercy College, Palakkad	International	presebted	“ Lesbian Gothic” in American Literature: Psycho-Social Interventions.



	Dr. Sajeev, K	KILA	International	Chaired	Gandhi Grama Swaraj & De-centralisation
		KILA	International	Resource person	Waste management
		KE College, Mannanam	National	Presented	Gandhi Chethana and Vaisweekaran
	Dr. Sreedevi, G.	Govt, Victoria College Palakkad	National	Presented	“Jungle Jathakam” In “Samakaleen Sahithya : Ek Pad”
	Manjula, P.S.	Govt, Victoria College Palakkad	National	Presented	“Samakaleen Kahaniom mem Prkruthik Sajagatha” In “Samakaleen Sahithya : Ek Pad”
Malayalam	Dr.K.B. Sumitha	Vimala College Thrissur	National	Presented	Envikkavithakalile desiyatha
		Govt. College Pattambi	National	Presented	Paristhithika sthrivadam malayala kavithayil
		Govt, Victoria College Palakkad	National	Presented	Samskarapatanathinte sadhyathakal en vi kavithakalil
Botany	Dr. Venugopalakrishna Kurup	Fathima Mata National College, Kollam	National	Presented	‘Flowering plant reproduction and diversity’

Chemistry	Usha, K.	SNGS College, Pattambi	National	Participated	Recent advances in NAnotechnology
	Dr. Dhanya, T.P.	Little Flower College, Guruvayoor	National	Participated	Chemistry for a Sustainable future
	Dr. Sandhya, R.	CUSAT	National	Participated	Workshop on perspectives in organic synthesis
		St. Thomas College, Thirssur	National	Participated	National workshop on Microscale Analysis, Chemistry in Capillaries
	Umadevi, A.G.	NSS Hindu College Changanassery	National	Presented	Measurement of $^{210}\text{Po}$ and $^{210}\text{Pb}$ in cochin backwater Ecosystem in relation to Anthropogenic inputs” In “Nanostructured materials”
		St. Thomas College Thrissur	National	Participated	National workshop on Microscale Analysis, Chemistry in Capillaries
		NSS College Manjeri	National	Participated	National workshop on Microscale experiment
Vineeth, M.	Mercy College, Palakkad	National	Participated	“Nanomaterials: From Molecules To Medicines”	
Physics	Dr. Sreekanthan, K.N.	Govt, Victoria College Palakkad	National	Participated	Basics in Theoretical and Experimental Physics

Commerce	Dr. Vasanthakumari P.	Phuket, Bangkok	International	Presented	3 <sup>rd</sup> annual PSU Phuket International conference, 2014
		Khonkaen	International	Presented	International conference on humanities and social sciences(IC-HUSO)-2014
		Cochin college, Cochin	National	Chaired a session	Doing business in India- Challenges and opportunities ahead
		S.N College, Shornur	National	Resource Person	Rupee Fluctuations and its impact on Indian economy
		S.N College, Shornur	National	Presented	Rupee Fluctuations and its impact on Indian economy 'Risk management through derivatives'
		S.N College, chellannur	National	Presented	FDI and Indian economy- A multi perspective evaluation
		Mercy college, Palakkad	National	Resource Person	Perspectives of women entrepreneurs
		Cochin college, Cochin	National	Resource Person	Research methodology: Problem formulation and analysis, A practical approach
		Vimala College, Thrissur,	National	Resource Person	Enhancement of research aptitude among young scholars

Commerce		St. Joseph's college, Irinjalakuda.	National	Presented	Research methodology and statistical analysis using SPSS
		St. Thomas college, Thrissur	National	Chaired a Session	Emerging trends in banking, insurance and financial services
		St. Thomas college, Thrissur	National	Presented	Emerging trends in banking, insurance and financial services
		St. Thomas college, Thrissur	National	Resource Person	Emerging trends in banking, insurance and financial services
	Prabha P.	University of Calicut	National	Participated	Reflective Practices in Higher Education
	Suni Devi V.T.	NSS Nemmara	National	Participated	Financial engineering in India growth prospects, challenges
		All Saints' College Thiruvananthapuram	National	Participated	International financial reporting & system in Indian context
	Prameela P.	SN College, Shornur	National	Participated	Rupee fluctuations and its impact on Indian economy
		Govt, Victoria College Palakkad	National	Participated	Behavioral Science

		Mercy College, Palakkad	National	Presented	Web application for facilitating e-learning
		Mercy College, Palakkad	National	Participated	Perspectives of Women entrepreneurship in India
Geetha, K.		University of Calicut	National	Participated	Reflective Practices in Higher Education
		SN College, Shornur	National	Presented	“Structure of Indian financial system & its main functions in Indian economy” In “Rupee fluctuations and it’s impact on Indian economy “
		Govt, Victoria College Palakkad	National	Participated	Behavioral Science
		Mercy College, Palakkad	National	Participated	Perspectives of Women entrepreneurship in India
Maya C. Pillai		Govt, Victoria College Palakkad	National	Presented	“FDI in pension sector in India” In “ FDI in India in the neo-liberalised regime – issues and challenges”
	Radhika Krishnan	IUCDS, MG University Kottayam	National	Presented	Workshop on Research Methodology and Statistics
	Sajitha.P.	Sacred Heart College Chalakkudy	National	Participated	The Post Recession Economic Environment Economic Polices of New Government and Investment Climate in India

		KSHEC, Thiruvananthapuram	National	Participated	Workshop on Academic Writing and Publishing
Economics	Sajitha.P.	Little Flower College, Guruvayoor	National	Presented	Early Marriage and its Impact on Education with an emphasis on Women Folk: A Case Study of Malappuram District
		NSS Nenmara	National	Presented	Green Banking an Innovative Tool for Service Quality
		VTB Bhattithribad College, Manampatta	National	Participated	National Workshop on Research Methodology and SPSS
	Vishnu.P.S	St.Aloysius College, Elthuruth	National	Presented	Economic Liberalisation & Inclusive Growth in India
		UGC-SAP	National	Participated	Public Health in India: Challenges for the 21 <sup>st</sup> Century
	Mathematics	Jayalekshmi N.	N.S.S, Nenmara	National	Participated
Sunitha G. Nair		N.S.S, Nenmara	National	Participated	National Seminar on Geometrical Analysis
Sunitha P.		N.S.S, Nenmara	National	Participated	National Seminar on Geometrical Analysis

	Sunitha K.G.	N.S.S, Nenmara	National	Participated	National Seminar on Geometrical Analysis
Maths	Vijayagovindan C.	N.S.S, Nenmara	National	Participated	National Seminar on Geometrical Analysis
Zoology	Dr. Sushama, S.	St. Thomas College Thrissur	National	participate	Global warming: causes and consequences
	Dr. Sreedevi N. Kutty	Farook College , Kozhikode	National	participate	“ Wetland Biodiversity - Conservation, Management and Restoration for our future”,
		CUSAT	National	participate	Marine Ecosystem Health
Sanskrit	Dr.Shailaja.S.	University of Kerala	National	Presented	Malayala Bhashayile Samskrita Padangal
		NSS College Pandalam	National	Participated	Concept of Bio-Diversity as reflected in ancient Sanskrit literature
		SNGS Pattambi	National	Presented	Sahithyavum Ranga Padavum
		SNGS Pattambi	National	Presented	Cinema and Adaptation – Sanskrit theatre and other art forms of kerala

	Smt.Vijayakumari	SNGS, Pattambi	National	Participated	Koodiyattom
Computer Science	Jisha.M.V.	Feroke College, Feroke	National	Participated	Computational intelligence
		Prajyothi Niketan, Thrissur	National	Participated	Computer Science and applications
	Dhanya.M.	Feroke College, Feroke	National	Participated	Computational intelligence
		St.Jospeh's College, Irinjalakuda	National	Participated	Cloud Computing and Cloud Security
		MSNPM Women's college, Madurai	National	Participated	Recent Trends in Web Technology
	Keerthi.T.	St.Jospeh's College, Irinjalakuda	National	Participated	Cloud Computing and Cloud Security
		MSNPM Women's college, Madurai	National	Participated	Recent Trends in Web Technology
	Keerthi.T.	St.Jospeh's College, Irinjalakuda	National	Participated	Cloud Computing and Cloud Security



**2015-16**

<i>Department</i>	<i>Name of Faculty</i>	<i>Hosted college</i>	<i>Nature</i>	<i>Status (participation/ presentation)</i>	<i>Title of the paper</i>
English	Dr. Sarojini Sudha.	Garden City College, Bangalore	International	Participated & Chaired a Session	Queer space in literature
	Aparna B.	Govt.College Chettur	National	Presented	“The Intricate Spectrum of Egotism, Temporal displacement and Real/ Imaginary Nostalgia in the Character portrayal of Anita Desai” In “Diasporic reflections : An intermingling of Cultural and Subaltern perspectives”
	V. Jayakrishnan	N.S.S. College Ottapalalm	National	Chaired a Session	Trajectories of theatre studies : Including exclusions
Hindi	Manjula, P.S.	Govt. Sanskrit College, Pattambi	National	Presented	“ Hindi Sahithya mem Sthree ” In “Woman in Contemporary Hindi”
	Dr. Sreedevi, G.	Govt. Sanskrit College, Pattambi	National	Presented	“ Bhavishya keliye sangarsh ka aahwan karnevali jagarook nari – Samakalik Kahaniyom mem” In “Woman in Contemporary Hindi”
		GHSS, Vadanamkurisi	Regional	Resource Person	“Hindi Language” at “NEEHARIKA”
		Government Victoria College, Palakkad	National	Participated	“Emergence of New Literary Language, Techniques and Devices in Hindi Literature after 1960”

Malayalam	Dr. K.B. Sumitha	NSS College Ottapalam	National	Presented	C.J thomasinte natakangal-1128- il kraim 27 enna natakathe aspadamakki oru patanam
		Govt. College Attapadi	National	Presented	Papathara-oru feminist apagrathanam
	Dr. E.M. Suraja	Govt. College Pattambi	National	Presented	Poonthanam-bhakthiykappurathchila chinthakal
		Govt. College Kannur	National	Presented	Yaathra:anubhavam, akhyanam,samskaram, vipananam
	Dr. Rajeswari, C.	NSS College Ottapalam	National	Presented	Kaikottikkali-pataavum dhvani pataavum
		Government Victoria College, Palakkad	National	Participated	Ezhuthile puthu bhavukathwam
Botany	Dr. Ranjusha A.P.	NSS College Ottapalam	National	Participated	'Understanding Biodiversity: Progress & Problems'
		Government Victoria College, Palakkad	National	Participated	Workshop On 'Western Ghats Biogeography: Challenges In Conservation'
	Maya S. Nair	NSS College Ottapalam	National	participated	'Understanding Biodiversity: Progress & Problems'

	Maya S. Nair	SNGS College, Pattambi	National	participate	'Technical advancement in life science'
Chemistry	Dr. Dhanya, T.P.	Victoria College, Palakkad	National	Participated	Recent advances in Chemistry
	Dr. Sandhya, R.	Government Victoria College, Palakkad	National	Participated	Recent advances in Chemistry
		CUSAT	International	Presented	'A Novel Route to Highly Substituted Pyrroles' <i>In</i> "International Conference on Materials for the Millennium Matcon-2016"
	Umadevi, A.G.	CMFRI, Kochi	National	Presented	"Study on the distribution of <sup>22</sup> Rn Po in the ground water of Eloor an industrial belt , Ernakulam." In 26 <sup>th</sup> Swadeshi Science Congress
		CUSAT	International	Presented	"Study on the distribution of <sup>210</sup> Po in the surface water and sediments of cochin backwater ecosystem in relation to anthropogenic inputs." <i>In</i> "International als for the Millennium , Matcon- 2016
Physics	Nayana, K.	Govt. College Chittoor	National	partucuoated	Cosmic Light
Commerce	Dr, Vasanthakumari P.	St. Thomas college, Thrissur,	National	Chaired Sessions	Financial services; Innovations for inclusion in India

		St. Thomas college, Thrissur,	National	Presented	Financial services; Innovations for inclusion in India,' Micro insurance in Indian insurance sector: Agrowth analysis'
Commerce	Dr, Vasanthakumari P.	VTB College, Mannampatta	National	Presented	Research methodology and SPSS
		Sri AATM Vallabha jain women's PG College, New Delhi	International	Presented	Accelerating rural growth: New technology , innovation and entrepreneurship,' Role of MGNREGS in the rural development of India: An empirical study
	Prabha, P.	STMP	International	Presented	"Life Satisfaction among ASHA workers " In " Strategic Human Resource & Business Management"
		NSS Nemmara	National	Participated	Green banking – An innovative tool for service quality
		University of Calicut	National	Participated	Workshop on IFRS
		SVNSS College	National	Participated	Councelling and Guidance
	Rekha Menon P	Sree Narayana college, Nattika	National	Presented	"A comparative study on Mutual fund investment Vs equity investment of individual investors" In "Contemporary issues in capital and derivative markets in India"

		Dept of Commerce, Bharathidasan University	International	Presented	“Essential information technology controls for preventing cash frauds in business organisations doing online transaction.” In “Financial markets issues and challenges”
Commerce	Rekha Menon P	CMS college, Kottayam	National	Presented	“Case study analysis on creating shared value in Indian Health sector” In “CSR practices practices,strategies and impact”
		SNGS College, Pattambi	National	Presented	“IFRS convergence a study with reference to Wipro” In “IFRS”
	SuniDevi V T.	IUCDS, MG university	National	Participated	Research methodology and statistics
		MES College Asmabi	International	Participated	Emerging trends in financial management
		Catholic college	National	Participated	Research methodology
		CMS college, Kottayam	National	Participated	CSR practices practices,strategies and impact
	Priya, P	VTB college Sreekrishnapuram	National	Participated	SPSS

		Mar thoma College chungathara	National	Presented	Prospects of service industry-trends and patterns
		SNGS College, Pattambi	National	Presented	“IndAs –EPS and Diluted EPS” In ‘IFRS’
Commerce	Prameela.P	NSS College, Ottapalam	National	Participated	Research multifaceted dimensions
		Directorate of census operation, Kerala	National	Participated	Census data Dissemination
		NSS College, Nemmara	National	Participated	Green banking an innovative tool for service quality
		SVNSS College	National	Participated	Counselling and guidance
		STMP Cochin	International	Presented	“Attitude of investors towards integrated financial services” In “ICBHRM 2016”
	Geetha.K	NSS College, Nemmara	National	Participated	Green banking – An innovative tool for service quality
		Christ College Irinjalakuda	National	Participated	“A study on Derivatives as a Risk Management Product.” In “Indian Capital Market: Opportunities & Challenges

		STMP Cochin	International	Presented	“A conceptual study on Commodities Market in India.” <i>In “ICBHRM 2016”</i>
		Pondicherry University	International	Presented	“Green Banking As an Innovative Approach” <i>In “3i-“Intelligence, Innovation &amp; Inclusion-Best Practices for Global Excellence</i>
Commerce	Geetha.K.	University of Calicut	International	Participated	Workshop on IFRS
		SVNSS College	National	Participated	Counselling and Guidance
Economics	Anuradha P.	Govt.College Ambalapuzha	National	Participated	Macroeconomic Constraints of Indian economy
		Sri.C.Achutha Menon Government College, Kuttanellur	International	Participated	A New Agenda for Kerala’s Economic Development
	Radhika Krishnan	Govt.College Ambalapuzha	National	Presented	“ Financial Inclusions in Rural India- Will the gaps be met?” <i>In “Macroeconomic Constraints of Indian economy”</i>
		C Achutha Menon Government College, Thrissur	International	Participated	A New Agenda for Kerala’s Economic Development

	Sajitha P.P.	NSS College ,Manjeri	National	Presented	Green Human Resource Management :The Concept and Its Role in Indian Public Sector Enterprises
		KEA and Xavier's College of Women, Aluva	International	Participated	Academic Writings in The Digital Environment :A new Perspective
Economics	Vishnu P.S,	DCE	National	Presented	Goods & Service Tax: Pros & cons
Mathematics	Jayalekshmi .N	PTM Govt. College, Perinthalmanna	National	Participated	National Seminar on Advanced Complex Analysis
	Sindhu G.Nair	Govt. Victoria college, Palakkad	National	Participated	National Seminar on Functional Analysis,
	Sunitha P.	PTM Govt. College, Perinthalmanna	National	Participated	National Seminar on Advanced Complex Analysis
	Sunitha K.G.	PTM Govt. College, Perinthalmanna	National	Participated	National Seminar on Advanced Complex Analysis
	Vijayagovindan C.	PTM Govt. College, Perinthalmanna	National	Participated	National Seminar on Advanced Complex Analysis
	Saravananan B.	Govt. Victoria college, Palakkad	National	Participated	National Seminar on Functional Analysis



Mathematics	Saravananan B.	Mercy College, Palakkad	National	Participated	National Seminar on Cryptography Number Theory And Algebra
Zoology	Dr. Sushama, S.	Sreekrishna College, Guruvayoor	National	Participated	'Mosquito Vector Control'
	Dr. Sreedevi N. Kutty	Farook College, Kozhikode	National	Participated	Wetland Biodiversity - Conservation, Management and Restoration for our future",
		School of Health Sciences University of Calicut.	National	Participated	National Conference of Clinical Microbiologists and Biochemists
		University of Calicut, Malappuram	National	Participated	28 th Kerala Science Congress
		CUSAT	National	Presented	"Marine Biodiversity and Bioprospecting for Sustainable Livelihood",
Computer Science	Mr.Santhosh.R.	VTB College, Sreekrishnapuram	National	participated	Network and Scocket programme
	Smt.Subhadra.K.	VTB College, Sreekrishnapuram	National	participated	Network and Scocket programme
	Jisha.M.V.	MES, Ponnani	National	Participated	Research Trends in Computer Science

2016-17

<i>Department</i>	<i>Name of Faculty</i>	<i>Hosted college</i>	<i>Nature</i>	<i>Status (participation/ presentation)</i>	<i>Title of the paper</i>
English	Dr.K.Usha.	Shri MD Shah Mahila College, Mumbai	National	Presented	Shifting Identities : Polyphonic voices in Jhumpa Lahiri's Unaccustomed Earth
		Berhampur University, Odisha	International	Presented	Woman, Diaspora and Land in Jhumpa Lahiri's The Lowland
	Harinarayanan	Cochin College, Kochi	National	Presented	Protagonists as Redeemers : An analytical Study of the Holocaust movies, Schindler's list and the Labyrinth of Lies
	Aparna B.	Govt. College Chittoor	National	Participated	Reel/ Real Kids : Representations & Issues
	V. Jayakrishnan	Govt. College Pattambi	National	Presented	"Poetic language" In " Poetic language & Translation"
Hindi	Dr. Sreedevi, G.	Govt. College Chittoor	National	Presented	"Omprakash Valmeeki ke kahaniyom mem Dalith chethana ke avadharana" In "Dalith Literature-Present and Future"
	Dr.Sajeev, K.	Department of Hindi, University of Calicut	National	Presented	"Hindi and Constitution"

Hindi	Dr.Sajeev, K.	Department of Hindi, University of Calicut	National	Presented	”Streevimarsh ke Vivid Aayam”
		Department of Hindi, Avinashilingam University, Coimbatore	National	Presented	“Bharatheeya Samvidhan aur Hindi”
	Manjula, P.S.	Govt: Arts and Science College, Kozhinjanbara	National	Presented	“Samakaleena Kahaniyom mem Prakruthi” In “Nature, Man and Society in Literature”
		Govt: College, Chittur	National	Presented	“Samakaleena Kavitha mem Dalith Chethana” In “Dalith Literature –Present and Future”
Malayalam	Dr. K.B. Sumitha	Govt. Arts & Science College Kozhinjampara	National	Presented	Manipravalakrithikalil prathifalikkunna samooham
	Dr. E.M. Suraja	4th Annual History Conference	International	Presented	Keralathile karshika vyavasthayute parinamavum itasserukkavithayun
		KMM Govt. Womens College Kannur	National	Presented	Veeradhathriyile sthri sankalpam.
		NSS College Ottapalam	National	Participated	Rakalakhmi anusmaranavum kathayute bhavukathwa parinamavum
Dr. Rajeswari, C.	Govt: college, Attapadi.	National	Presented	Arikile Mukhya Jivitham	

Malayalam	Dr. Rajeswari, C.	Govt: arts and science college, Kozhinjampara	National	Presented	pakshi bimbam malayala kavithayil
		NSS College Ottapalam	National	Participated	Rakalakhmi anusmaranavum kathayute bhavukathwa parinamavum
	Latha, P.	NSS College Ottapalam	National	Participated	Rakalakhmi anusmaranavum kathayute bhavukathwa parinamavum
Botany	Dr. Ranjusha, A.P.	Avinashilingam University for Women, Coimbatore	International	Participated	Herbal and Natural Components as the Future of Pharmacology
		Department of Botany, University of Kerala	National	Participated	'National workshop on Plant tissue culture, Cell culture and Cryopreservation Technology'
	Maya S.Nair	NSS College, Manjeri	National	Participated	'Recent trends in plant science research'
Commerce	.Dr. Vasanthakumari P.	Sri AATM Vallabha jain women's PG College, New Delhi	International	Presented	Accelerating rural growth: New technology , innovation and entrepreneurship,' Role of MGNREGS in the rural development of India: An empirical study
		Sri AATM Vallabha jain women's PG College, New Delhi	International	Presented	Accelerating rural growth: New technology , innovation and entrepreneurship,' A study on growth and instability of food crops in India'
		Sri AATM Vallabha jain women's PG College, New Delhi	International	Presented	Accelerating rural growth: New technology , innovation and entrepreneurship,

Commerce	.Dr. Vasanthakumari P.	Sri AATM Vallabha jain women's PG College, New Delhi	International	Presented	Accelerating rural growth: New technology , innovation and entrepreneurship, Capacity building amongelected women representatives and their role in rural upliftment
		St. Thomas college, Thrissur	National	Chaired a Session	Digital financial services for sustainable development
		Asmabhi college, Kodungallore	International	Presented	Emerging trends in finance and management
		Govt.Arts and science college, Thrithala	National	Presented	Economics of Indian tourism
		SNGS College Pattambi	National	Presented	Innovative management practices for business excellence
		Bharadidhasan University	International	Presented	Issues and Challenges of financial Markets
	Priya P.	University of Calicut	National	Participated	IFRS Syllabus revision for the UG and PG Programme IFRS
	Rekha Menon P.	University of Calicut	National	Participated	IFRS Syllabus revision for the UG and PG Programme IFRS
		School of management, De Paul Institute of Science & Technology, Angamaly	International	Presented	“A study on CSR initiatives by selected companies in India.” In “Triple bottom line for sustainability”

Commerce	Rekha Menon P.	Dept Of Commerce , Bharathidasan University	National	Presented	“An analysis on the factors influencing the fund preference of mutual fund investors” In “Financial markets issues and challenges”
	Prameela.P	University of Calicut	National	Participated	IFRS Syllabus revision for the UG and PG Programme IFRS
		Govt. Victoria College Palakkad	National	Participated	Recent changes in Accounting and Taxation
		Bharathidasan University	International	Presented	“Investors perception towards equity market” In “Financial markets issues and challenges
	Prabha.P	Government Victoria College, Palakkad	National	Participated	Recent changes in Accounting and Taxation
	Jesitha J.	Maharaja College, Ernakulam	DCE	Presented	“A study on buying behaviour of men towards cosmetic” In “Research methodology”
		Sree sankara college Kaladi	National	Participated	Research methodology
	Deepthi Krishna T.	Govt. Arts and Science College, Thrithala	National	Presented	“Pilgrimage tourism in Kerala.” In “Economics of Indian Tourism”
		Sreekrishnapuram VT Bhattathiripad College.	National	Presented	“Entrepreneurship in India and Stand up India scheme” In “Entrepreneurship Development”

Commerce	Geetha.K	Govt.College , Kodanchery	National	Participated	Financial Derivatives:Concepts,Pricing& Trading Strategies
		Govt.Victoria College,Palakk ad	National	Participated	Recent Changes in Accounting &Taxation
		VTB College, Sreekrishnapur am	National	Presented	An inspirational highlight on successful women entrepreneurs in India” In “National Awareness Programme on Entrepreneurship Development”
	SuniDevi V T	Maharaja College Ernakulam	National	Participated	Research Methodology
		St. Michael’s College Cherthala	National	Participated	Impact of GST on trades and commerce in India
	Economics	Anuradha, P.	Dr.John Mathai Centre, Thrissur	National	Participated
Sajitha P.P.		Maharaja’s College, Ernakulum	National	Participated	Research Programme Orientation
Zoology	Preethi, N.	SNGS College Pattambi	National	Participated	Bioinformatics
		Department of Aquatic Biology & Fisheries, University of Kerala	international	Participated	Capacity building workshop on animal taxonomy

Zoology	Dr. Sreedevi N. Kutty	St. Xavier's College for Women, Aluva.	International	Participated	"Immune Response in Health and Disease"
		Dept. of Zoology Uty. Of Calicut	National	Participated	Recent Trends in Biological Sciences
		Cochin University of Science & Technology	National	Participated	Marine Eco-System Health



**Annexure – II**

Department	Name	Title	Volume and Details	ISSN/ISBN No.
English Books	Dr .K Usha	Shifting Identities: Polyphonic Voices in JhumpaLahiri’s Unaccustomed Earth.”	Proceedings of Interpreting Short Stories of the Post-1950’s UGC Sponsored National Seminar Dept of English, Shri M.D.ShahMahila College, Mumbai 91-96.	ISBN978-93-8546-258-0
	Harinarayanan	" Wounded Animal Writes it's History :Portraits of Colonialism	Translated article SUBALTERN SPEAK Govt College Tripunithura March 2016.	ISBN :978-93-5258-
	Aparna.B	KavithaKaavalaavumbol	Navamalayali, March 19, 2016	
	Dr.Sarojini Sudha	“CarnavalesqueHumour in Bama’s Sangati” Humour: Texts, Contexts	Eds. P.P.Ajayakumar, Lal.C.A, Kalyani Vallath Creative Books, New Delhi, 2015. (282-288).	ISBN: 978-81-8043-117-3.
	Dr.K.Usha	“Salman Rushdie, The Shah of Blah: Humour as Tool in Haroun and the Sea of Stories” Humour: Texts, Contexts	Eds. P.P.Ajayakumar, Lal.C.A, Kalyani Vallath. Creative Books, New Delhi, 2015. (373-381).	ISBN: 978-81-8043-117-3
	Dr.B.R. Geethakumari.	“Existence and Essence in Kamala Das.” New Thoughts		ISBN 97881926565-0-2.

Journals	Aparna.B	“Today’s Saddest Song”	Poem published in The Criterion: An International Journal in English, Vol.7, Issue 1, February 2016.	ISSN 0976-81652.
		Lesbian Gothic” in American Literature: Psycho-Social Interventions in a Straight World	Journal Pursuits, 2016	
Journals	Aparna.B	“The Intricate Spectrum of Temporal Displacement and Real/ Imaginary Nostalgia in the Character Portrayal of Anita Desai”,	The Criterion: An International Journal in English: , Vol.8, Issue 1, 26-30. February 2017	ISSN 0976-8165.
	V. Jaya krishnan	“Three Poems: Ulysses, Nosferatu, Demono” in LevureLitteraire:	Magazine International Numeru; Issue 10.	ISSN 2268-9915
	Dr.K.Usha.	“Making Histories: Alternate Versions of Mughal History in Taj and Shadow Princess.”	Literary Miscellany. An International Journal of Literary Studies. Vol4.No1-2.,Jan Dec2015. . 91-103	ISSN 2230-7451
	Dr. Sarojini Sudha..	“Shattered Childhood: Trauma and Child Abuse in The Kite Runnerand The God of Small Things Luminaire.	Vol 5/Issue2/Feb.2015	ISSN: 2249 2542
	Dr.B.R.Geethakumari.	“Black and Gray” in Human Nature: Pessimism in Graham Green’s Heart of The Matter.	Alformine. Vol.3. No2. September 2015.	

<b>Economics Books</b>	Dr. Maya C Pillai	Some Issues On Capital Convertibility In The Indian Economy		ISBN 978-81-89630-66-9
	Radhika krishnan	Shift In Regional Composition Of Labour Migration In Kerala-A Focus On Cautionary Aspects”		ISBN 978-93-83241-36-1
		Towards More Inclusive And Complementary Growth- Indian Fertiliser Industry		ISBN 936597747-4
		The Fiscal Position Of Kerala Economy An Analysis		ISBN978-821-924688-4-6
<b>CommerceBooks</b>	Dr. P Vasanthakumari	Measuring Entrepreneurship development: A study conducted on women entrepreneurs of micro credit centered enterprises in India, Management of sustainable development in India(ed) J.R.Arora and Arathy Basu	Global research publications, New Delhi,2011	ISBN 978-81-89630-41-6
		Redefining the roles of business, NGOs, and Governments: A mission for better Society(Ed.Moodithya,et. al.),	Manak publications,2011	

		Problems in marketing of agricultural product's, Engendering Agriculture Development: Emerging Perspective, Issues, Challenges and Strategies (Ed.)P. Sunder Raj	Novel publications ,Chennai,2011	ISBN 978-81-906512-3-3
<b>Commerce Books</b>	<b>Dr. P Vasanthakumari</b>	Obstacles and opportunities before rural enterprises in India: An analytical study based , Rural entrepreneurship development in liberalized era (ed.) Amit Dwivedi and Anita Sukhwal	Book well publishers,New delhi,2012	
		Poverty eradication and rural development through capacity buildings:A case study of SHGs in India with empirical findings(Ed.)P. Sunder Raj	Novel publications ,Chennai,2011	ISBN 978-81-906512-3-3
		'A study on impact of FDI in Indian economy', Business education in India-Issues and imperatives(Ed.),Dr.B.Sh ekhar	Pragathy graphics,Bangalore, 2012	ISBN 978-93-81441-27-5

	Empirical study on price spread in marketing of paddy in Kerala with special reference to Palakkad district in Kerala', Agri business and rural management (Ed) Rais Ahmed	Mittal publications, New Delhi, 2013	ISBN 81-8324-392-4
	Customer relationship management in the banking sector, Customer relationship management in the present scenario, (Ed. Edwin Jnanadas),	2013 (Co-authored)	
	An Empirical study on banking habits of rural women in Kerala	Global research review, 2013	
<b>Commerce Books</b>	Role of micro finance in women empowerment', Women awakening to the power, (Ed),	Serials publications, Delhi, 2016	ISBN 978-81-8387-739-8
	Effectiveness of NREG in India, Realities ,	Emerging trends in social science research	ISBN 978-81-927706-5-4

	<b>Geetha K</b>	Service Excellence in banks: A study with special reference to SBI	Handbook of commerce	ISBN NO: 978-81-8411-567-3
		Green Banking for Sustainable Development	FINNOVA'14 Financial Engineering in India:Growth prospects and Challenges	ISBN 978-81-89085-91-9
		Recent trends in women entrepreneurship in India	Perspective of women entrepreneurs in India	ISBN NO: 978-93-85105-08-1
		GHRM –An innovative approach to environment	Human Resource strategies and practices in achieving business excellence(co-author)	ISBN NO 978-81-926618-7-2
		A conceptual study on different types of financial instruments	Personal Financial Management	ISBN NO 978-81-
		A conceptual study on commodities market in India	Strategic human resource practices & business management-A new approach	ISBN NO 978-93-
		<b>Commerce Books</b>	<b>Geetha K</b>	Green banking as innovative approach
A study on innovative products and services in banking sector	Handbook of innovation and entrepreneurship			ISBN NO 978-81-8411-571-0

		A study on loan repayment habit of bank customers with special reference to SBI Palakkad district	Lyceum of Management Issues	ISBN93-83885-78-5
<b>Prabha P</b>		Occupational stress among bank employees	Handbook of commerce	ISBN NO: 978-81-8411-567-3
		GHRM –An innovative approach to environment	Human Resource strategies and practices in achieving business excellence(co-author)	978-81-926618-7-2
		Life satisfaction among Asha workers	Strategic human resource practices and business management A new approach	ISBN NO 978-93-85000-61-4
		Job satisfaction among the employees in MSME units: A study with special reference to Palakkad district	Human Resource strategies and practices in achieving business excellence	ISBN NO 978-81-926618-7-2
<b>Prameela P</b>		A study on savings and investment pattern of households in Palakkad district	Personal Financial management	ISBN NO 978-81-908718-8-4
		Attitude of investors towards integrated financial service providers; A study with special reference to Palakkad district	Strategic human resource practices and business management A new approach	
		Mobile commerce: Drivers and impediments	Innovative management strategies for emerging business	ISBN NO 978-81-928481-15

<b>Commerce Books</b>	<b>Prameela P</b>	A study of derivative market in India	Recent Trends in capital market and Derivative market	ISBN NO 978-93- 85000-61-4
	<b>Sunidevi V. T</b>	Problems of small scale women entrepreneurship: A study with special reference to manufacturing and marketing sector	Focus on socio economic background of women entrepreneurs in minority community	ISBN NO 978- ISBN NO 978- 93-5254-018-1
		Environment –An oomph of business enterprises	Innovative management strategies for emerging business	ISBN NO 978-81928- 4811-5
		Key drivers of capital market	Recent Trends in capital market and Derivative market	ISBN NO: 978-93525- 414-2
<b>Commerce</b>	<b>Smt. Priya P</b>	Factors influencing personal financial management of various income earners a comparative study between businessman and salaried person	Personal Financial management	ISBN NO 978- ISBN NO 978- 81-908718-8-4
		A study on customer perception towards life insurance corporation of India	Innovation and sustainable development in Business Management	ISBN : 978-81- 933-172-5-9
	<b>Smt Jesitha J</b>	A study on Buying behaviour of Men towards Cosmetics with special reference to Thrissur Distric	Contemporary Research in Social Sciences	ISBN: 978-93- 5267-539-5



<b>Commerce Journals</b>  <b>Dr. P Vasanthakumari</b>	Redefining the roles of business, NGOs, and Governments: A mission for better Society		ISSN 2229-449x
	Is financial inclusion the real reason for the spread of microfinance initiatives in India?	International journal of business, management and social sciences, vol.3, issue 4(1), Dec.2013 (Co-authored)	
	An empirical study on the Performance and prospects of micro enterprises in India with special reference to Kerala	Research Line, Vol.3(2B), June, 2011	ISSN 0975-8941
	Marketing of paddy in Kerala with special reference to Palakkad district	Research line, Vol.IV (1-C), Jan.2011	ISSN0975-894
	A study on tourism industry in India with focus on sustainable tourism	Research Scholar, Vol.1(1), Sept.2011	ISSN 2249-6696
	Empowerment of women through business	JS International Journal of Social Science, Vol.1(1), July, 2011	ISSN 2249-1538
	Economic empowerment of women through micro enterprises in India: An interstate comparison	international journal of multidisciplinary research Vol.2(1), Jan 2012	ISSN online, 2231-5780

<b>Commerce</b>		A study on NREGS with special reference to Palakkad district	Mirror, peer refereed journal of Commerce, management and Social science, Vol2(11-A), Sept.2012	ISSN 2249-8117
		Eco-tourism :Ecologically sustainable tourism destinations in Palakkad district	Global research review ,Vol.11(11),Dec.2012	ISSN 2250-2521
		Eco-tourism: Challenges and opportunities,	Contemporary research in India Vol.5(4),Dec.2015	ISSN 2231-2137
		Percept of customers towards service quality of banks: A comparison between new generation and old generation banks	Global research review, Nov.2015	ISSN 2250-2521
		An empirical study on the satisfaction levels of employees	Mirror, Peer Refereed Biannual International Research Journal of Commerce, Management and Social Science, Vol.5 (2)	ISSN 2249-8117
		Life insurance business in Kerala : A study with special reference to Private Sector	Contemporary Commerce Review Sep-2016 Vol.5(1)	ISSN 2319-3638
		A study on Pilgrim Tourism in Kerala	Contemporary Commerce Review Sep-2016 Vol.5(1)	ISSN 2319-3638
	<b>Sumidevi V T- 1</b>	Growth a competitive strategy	Explorations, Vol.5	ISSN NO:2229-4783

<b>International data base</b>	<b>Dr. P Vasanthakumari</b>	An analytical study based on the performance of micro credit based income generating enterprises in India and its impact on women entrepreneurship	Article Published in SSRN Library (2011)	
		Women empowerment through guaranteed wage employment: A case study of MGNREGS in India	Article Published in SSRN Library (2011)	
<b>Books edited</b>		Women empowerment: Role of micro enterprises under Kudumbashree in India	Global publications, New Delhi(2011)	ISBN 978-81-89630-18-8
		Study on performance of Self Help Groups in India	Global publications, New Delhi(2011)	ISBN 978-93-80615-00-4
		Empowerment of women through micro credit based enterprises in India	Serial publications, New Delhi(2014)	ISBN 978-81-8387-636-0
<b>Chemistry</b>	<b>Dr. Dhanya. T.P</b>	Preparation, Characterization and Photocatalytic Activity of N doped TiO <sub>2</sub>	IOSR Journal of Applied Chemistry (IOSR-JAC) Volume 4, Issue 3 (2013), 27-33. Co-author- Sugunan S.	ISSN 2278-5736
		Visible Light Active Titania Photocatalyst Doped with Molybdneum	International Journal Of Scientific Research Volume 2, Issue 6, (2013),51-52 Co-author- Sugunan S.	ISSN 2277-8179

		Preparation, characterization and dielectric properties of $Ba_{3-x}Sr_xLiM_3Ti_5O_{21}$ [M=Nb and Ta, x = 0 to 3] ceramics.	J Mater Sci: Mater Electron volume22,issue8 (2011),974-977 Co-authors-. S. Simna R. Ratheesh	ISSN 0957-24522
		TiO <sub>2</sub> -assisted photocatalytic degradation of Acid Orange 7 in aqueous solution.	VISTAS, co-author-Sugunan S	
Chemistry	Rejani. P	Adsorption of Pb(II) on nano sized SnO <sub>2</sub> derived from sol-gel method	International Journal of Chemical Engineering and Application , 5.3 ,2014.co-authors-Asha Radhakrishnan and B Beena,	
		Structural, optical and dielectric studies in ZnO nanorods by microwave assisted method	Int.J.Nano imensions.5.5,2014, 497-503. .co-authors-Asha Radhakrishnan and B Beena	
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