

SELF STUDY REPORT 2016



GOVERNMENT ARTS COLLEGE
THIRUVANANTHAPURAM

GOVERNMENT ARTS COLLEGE, THIRUVANANTHAPURAM

Preface

I am happy to submit the Self-Study Report for the 2nd Cycle of Re-accreditation. The report is an honest reflection of our efforts at sustaining and enhancing quality, since 2010-11. Treating the criteria-wise questions provided by NAAC as a guide, our attempt has been to portray a comprehensive picture of the overall programmes and activities of the institution in realizing the avowed goals in tune with our Vision and within the framework of the core values enunciated by NAAC.

True to the integrated quality assurance framework of NAAC, this Self-Study Report seeks to present the *inputs, processes, output and outcomes* involved in our quest for quality sustenance and enhancement. To this effect, we tried to enunciate our efforts at realizing the primary goals of higher education, namely teaching learning, research and extension, which correspond with the five core values that NAAC considers central to higher education.

The IQAC of the college engineered this entire effort at mapping the chequered trajectory of our 'quality sustenance and enhancement process.' IQAC tried to bring together different stakeholders and make the process highly participatory and interactive. While the internal contingent comprising the management, staff and students basically conceived and owned the process, the external stakeholders provided the necessary strength and support for treading into newer horizons of quality initiatives and innovations, captured and represented in the report. This soul searching exercise, though very intensive and laborious, has been a rewarding and fulfilling experience.

Dr. G. VIJAYALEKSHMI

04-06-2016

Principal

NAAC STEERING COMMITTEE

Chairman:

Dr. G. VIJAYALEKSHMI, Principal

Coordinator:

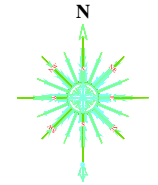
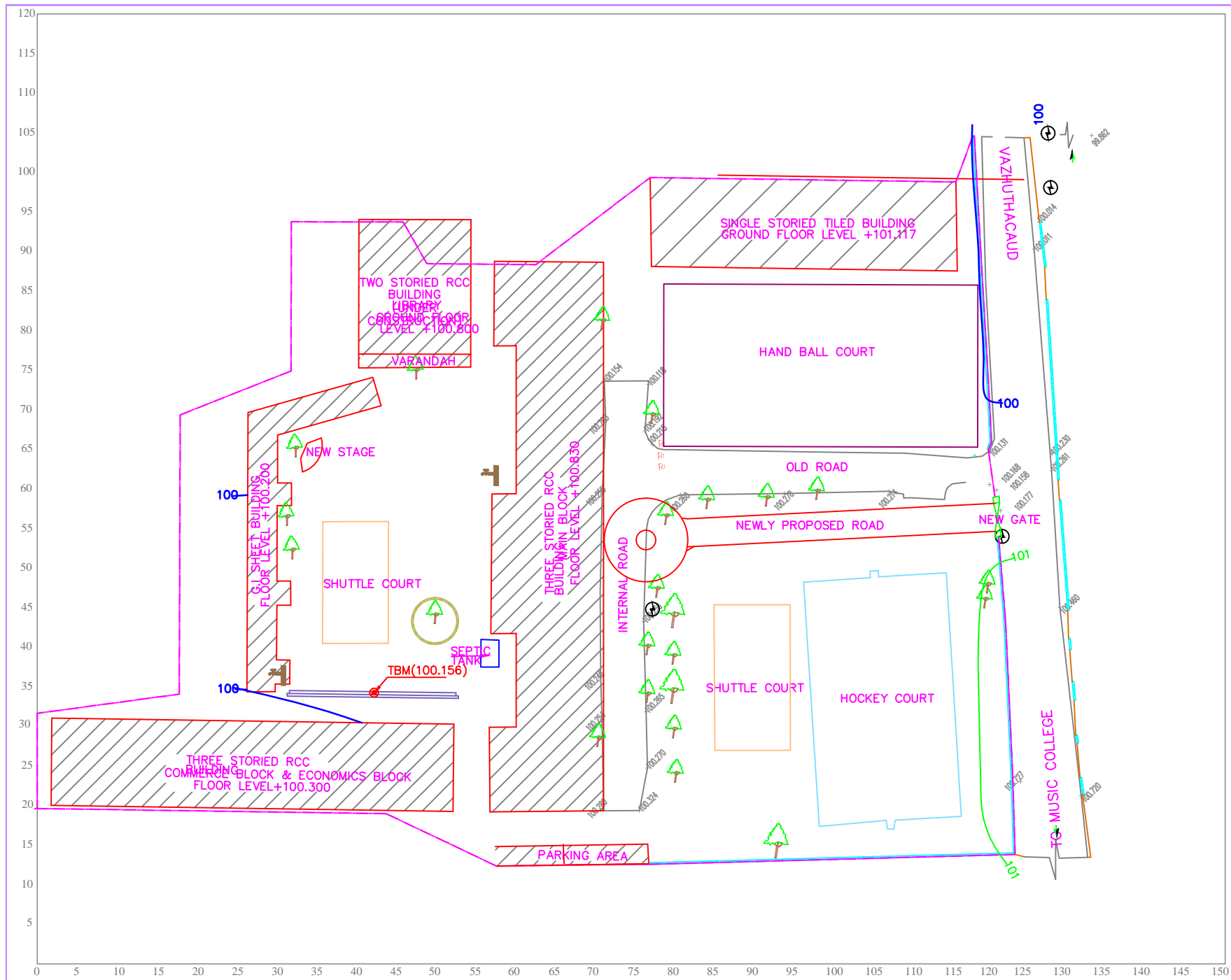
Dr. V.S. JOY, Associate Professor, Dept. of Commerce

Members:

Smt. BIJI.M.S, Assistant Professor, Dept. of Physics
Sri. AJITHKUMAR, Assistant Professor, Dept. of Botany
Dr. T. SUBASH, Associate Professor, Dept. of Commerce
Dr. D. SANTHOSHKUMAR, Assistant Professor, Dept. of Chemistry
Dr. S.K. BIJU, Assistant Professor, Dept. of Commerce
Dr. N.V. SREEKUMAR, Assistant Professor, Dept. Of Statistics
Dr. C.R. MANJU, Assistant Professor, Dept. of English
Sri. GOPAKUMAR, Assistant Professor, Dept. of Economics
Sri. VINOD, Senior Clerk, Administration.

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LEGEND

SURVEYED BOUNDARY	---	---
TAR ROAD	---	---
ROAD BOUNDARY	---	---
COMPOUND WALL	---	---
RETAINING WALL	---	---
GATE	---	---
TREE	---	---
WATER TAP	---	---
TBM	---	---
ELECTRIC POST	---	---
FLAG POST	---	---

AREA DETAILS

DESCRIPTION	REMARKS
SURVEYED PLOT AREA	0.8310
ADDITIONAL AREA	0.0674
TOTAL AREA	0.8984

REPORT STATUS	DRAWING DETAILS	D-CODE	REV.DATE
PRELIMINARY	BOUNDARY	SITE PLAN	NIL
SECONDARY	CONTOUR	FILENAME	SHEET NO:
FINAL	ROAD L&L	ARTS COLLEGE	REF/08/0915

SCALE	TBM (100.156) TOP OF THE STEP
1:100	

ACTIVITY	EXECUTED BY	DATE STARTED	DATE FINISHED	CHECKED	APPROVED
SURVEYING	SREEYISHU	21-11-15	21-11-15	RAHULK	
DRAFTING	VISANTHI	24-11-15	24-11-15	RAHULK	BOOBY JOBY

PROJECT TITLE	TOPOGRAPHICAL SURVEY OF PLOT AT ARTS COLLEGE
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NOTE	ALL DIMENSIONS ARE IN METRES
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DRAWING DESCRIPTION	SITE PLAN CUM CONTOUR MAP
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CLIENT	THE ASSISTANT ENGINEER, FORT SECTION, THIRUVANANTHAPURAM
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CONSULTANTS:	Ruby Soft Tech (Approved Consultants to Govt. of Kerala for Survey, Architectural, Structural & sub soil investigation) TC.14/473(3), NRA-55, Nandavanam, Palayam, Thiruvananthapuram. Ph/fax: 0471-2320335 E mail: rubysofttech@gmail.com
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Approved by the State Govt.
G.O. (Ms) No. 1106/2015/PWD Dated, 28.07.2015 Thiruvananthapuram

N.B: Soft copy will be kept in the office for a period of one month.

A Brief Historical Account

Government Arts College has a long and glorious history. Originally this college was a part of His Highness the Maharaja's College, Thiruvananthapuram and it was separated from the parent institution in 1924 and named as His Highness the Maharaja's College of Science. With the founding of the University of Travancore in 1937, the two colleges were amalgamated into the Maharaja's University college, Thiruvananthapuram and the College at Thycaud functioned as a part of the University College. In 1948, with the introduction of the intermediate course, the college came to be called the University Intermediate College. In 1964 – 65, the two year pre-degree course was introduced and with the passing of the Kerala University Act, the management of the college was taken over by the Government of Kerala. Later it was named as Government Arts College with effect from the 28th of July 1971. Today the Government Arts College offers UG Programmes (in Commerce, Economics, Botany & Biotechnology and Physics), PG Programmes (in Commerce, Economics, English, Analytical Chemistry and Statistics) and PhD in Commerce. A brief outline of the activities of the College, recorded criteria-wise in the Self Study Report is given below

CURRICULAR ASPECTS

Government Arts College, Thiruvananthapuram is a First Grade College offering four undergraduate and five postgraduate programmes. A research centre attached to the Department of Commerce started functioning in 2014. Four job oriented certificate programmes are offered by the Centre for Adult, Continuing Education and Extension Centre of the College. The introduction of Choice Based Credit and Semester System in 2010 by the University, offers the College greater flexibility in offering elective and open courses at the undergraduate level. Semester System was introduced for Postgraduate programme in the year 2000. The college offers a variety of programmes for soft skill development like Walk with a Scholar and Additional Skill Acquisition Programme for the benefit of the student community. Teachers are actively involved in curriculum design and development of the affiliating University as they are members of academic bodies and subject experts of curriculum revision committees of UG/PG. More than 50 per cent of the faculty has participated in the workshops on curriculum revision prior to the introduction of the Choice Based Credit and Semester System. The Institution has always

fostered a collaborative network with the university, research bodies and industry to further curriculum design for higher studies and research and for internships. Dr. G. Vijayalekshmi, the Principal of the College has served the University in various capacities as Board of Studies member in English (Pass and PG). Dr. V.S. Joy Associate Professor of Commerce is a member of Board of Studies of Commerce (Pass) and Business Management (Pass). Dr. Arunjilal, Associate Professor and Head of the Department of Economics is the Chairman of Board of Studies in Economics (Pass). Dr. K. L. Sheela, Head of the Department of Statistics is a member of Board of Studies of Statistics (Pass), Dr. Prince P.R. Assistant Professor in Physics is a member of Board of studies in Future Studies, Dr. Gracious James, Assistant Professor of Commerce is a member of Board of Studies of Ecotourism, University of Calicut. The Faculty members of Commerce, Statistics, Physics and Chemistry departments are the Chairman/member of the Board of external examiners to conduct practical examinations in the colleges affiliated to the University of Kerala and also the question paper setter of other universities in the state. The faculties of various departments are also actively participated in the question paper setting, valuation and interview of Public Service Commission of the state. The goals and objectives of the College are integrated into the academic curriculum as much as possible to ensure that expected learning outcomes are attained.

TEACHING LEARNING AND EVALUATION

The admissions to the various courses offered by the college are made as per the central allotment process (Online Admission Portal) by the University. This single window scheme of the University ensures transparency in the admission process. Before the introduction of Online Admission Portal, the college had made use of specialized software for admission allocation procedures. Reservations are maintained as per the government stipulations during each period. Teaching methods are adopted according to the needs of students. Training programmes are arranged for teachers within and outside the campus to improve the quality of teaching-learning process. Remedial coaching, and Tutorial sessions are aimed at helping slow learners while advanced learners are motivated through multiple intelligence skills. Special attention is given to the physically challenged, economically and socially weaker students. The enrichment modules offered by all the departments to supplement the regular curriculum aim at skill development/

employment and empowerment. Regular mentoring and counselling helps students to improve their academic performance and psycho-social orientation. Among the fifty teaching faculty, twenty one teachers have PhD as their highest qualification while Ten teachers have M.Phil as their highest educational qualification. A structured system for student assessment of teachers and teachers' work dairy are methods for appraisal and improvement of teacher's performance. The academic calendar and the action plan prepared at the end of each semester ensure the smooth conduct of all activities of the semester system. The college library and five department libraries have a collection of more than 40000 volumes, subscriptions to select national and international research journals and access to e-journals /e-books through INFLIBNET lab. The PG and UG departments organise various national level seminars and workshops for the staff and students to enable them to keep up with the latest developments in their subjects.

RESEARCH, CONSULTANCY AND EXTENSION

The Post Graduate department of Commerce of the College is an approved research centre for Commerce affiliated to University of Kerala. Currently, three research guides are guiding a total of ten research students in the centre. The centre has a well-equipped library with a good collection of books and journals. The Post Graduate Department of Chemistry has applied for upgradation of the department as a research centre. At present, the Chemistry department has two guides. Encouragement is given to teachers to avail the Faculty Development Programme (FDP) and to take up minor and major projects of the UGC. Teachers are encouraged to publish and present papers at seminars and conferences. A number of national seminars and workshops are conducted every year by the various departments and attended by the faculty. This is a manifestation of the interest shown by the college to achieve excellence in research and development. Various research publications of the staff in leading international /national journals are evidence to prove the involvement of the staff in active research. The increased number of applicants for projects by faculty members shows their exuberant enthusiasm in research activity. Live budget analysis and consultation related to tax matters are the consultancy services offered by the Economics and Commerce departments. The NSS and NCC units of the college offer a number of regular and special programmes with an outreach extension objective. The Centre for Adult, Continuing Education and Extension (CACEE) is

functioning well in the college and the centre offers four career oriented programmes with a view to cater to the needs of the community as well.

INFRASTRUCTURE AND LEARNING RESOURCES

The college is located in the heart of Thiruvananthapuram Corporation with a land area of 3 acres and a built up area of 6000 sq. meters. The Post Graduate Department of Chemistry, English, Statistics and Department of Physics, Biotechnology and the Administrative Office are located in the main Heritage block (Main block). The P.G & Research Department of Commerce and the PG Department of Economics are functioning in the Old block adjacent to the Main block. Research Department of Commerce and PG Departments of Economics, Chemistry, Statistics and English have separate libraries with sufficient number of books and journals. The Main block is also equipped with a well-established language lab and a seminar hall and an auditorium. The Centre for Adult Continuing Education and Extension is also functioning in the Main block. The Skill Development centre of ASAP is functioning in the Main block. The Central library is functioning in the first and second floor of a four storeyed building with facilities for reading and reference. An INFLIBNET lab is also functioning in the library block. Physical Education Department is also functioning in the Ground floor .A health club and multi- gym is also functioning in the department. In addition to these there are separate rooms/blocks for NCC, NSS, IQAC and the new initiatives.

STUDENT SUPPORT AND PROGRESSION

Students are provided with extensive curricular, co-curricular and extra-curricular support in order to ensure their all-round excellence and competence. The academic excellence is evident from the consistent performance in the university examinations and the numbers of ranks fetched every year and also the remarkable pass percentage. Many of our students have cleared the UGC CSIR – NET and SET. The new initiatives of the college like ASAP, WWS and SSP are meant for supporting the different categories of the student community in and outside the college. To promote the artistic and aesthetic sense of the students and to instil in them values of environmental protection and social responsibility, different clubs like Nature Club, Literary and Quiz Club, Tourism Club, Media Club, Performing Arts and Drama Club and Science Club are functioning actively

in the college. A Women's Study unit and a Counselling Centre have also been constituted for addressing the problems of the students. Our students secure high achievements in sports at the University, State, and National level and they have been bagging national level distinctions and medals for many years.

GOVERNANCE, LEADERSHIP AND MANAGEMENT

The college, being a government owned institution comes directly under the control of the Directorate of Collegiate Education, Government of Kerala. Thus the rules of the Directorate of Collegiate Education are to be strictly adhered to by the institution. The day- to -day activities of the college are well governed through a decentralized-participative organisational structure. The Principal and the Staff Council are considered as the ultimate decision making authorities for the smooth functioning of the college. The staff meetings are held regularly to discuss routine and special matters of the administration of the college. Every department has been given powers to decide on the academic matters pertaining to the department. PTA and Alumni have also been given distinguished status in deliberating issues relating to the overall development of the college.

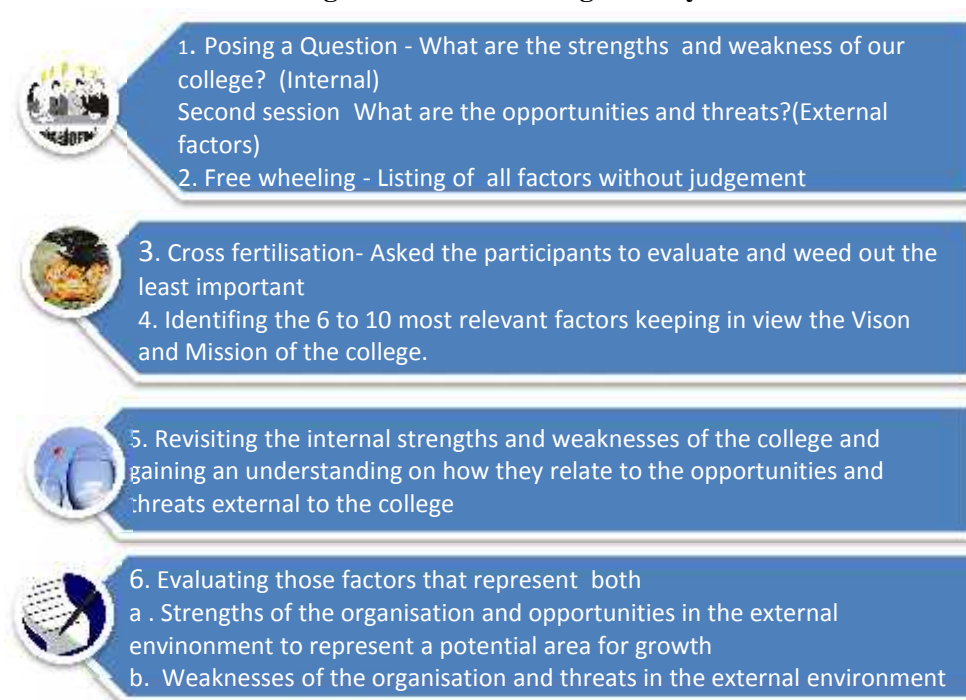
INNOVATION AND BEST PRACTICES

The Internal Quality Assurance Cell (IQAC) along with the Staff Council regularly evaluates the activities of the college and is actively engaged in framing strategies for improvement and future development. The outreach programmes of the college like the short duration programmes offered through Centre for Adult Continuing Education and Extension are highly useful to the community at large and many of the students have been placed in different positions after successful completion of the course. Also, the CACEE is generating remarkable revenue and is being used for the developmental activities of the college. The new initiatives of the college like Additional Skill Acquisition Programme (ASAP), Walk with a Scholar (WWS) and Scholar Support Programme (SSP) are highly beneficial to the student community. In addition to the above, the NCC and NSS units of our college are actively participating in community development programmes with the support of the local bodies.

SWOC Analysis

Methodology adopted for SWOC Analysis: - Before formulating the strategies for advancement, it is desirable to analyse the strong points of the institution as well as the areas that need improvement, opportunities to be tapped and challenges to overcome. Realising this fact, Strength, Weakness, Opportunities and Challenges (SWOC) analysis is carried out before going for planning. SWOT is a precursor to strategic planning. The methodology adopted to carry out SWOT Analysis keeping in view equitable involvement of all stakeholders is given in figure 1. Preliminary environmental scan was first conducted to obtain a valuable insight to the probable strengths, weaknesses, opportunities and challenges of the institute. Participation was invited from various stakeholders including faculty members, supporting staff, students, and parents of students, alumni, and industry personnel. This preliminary environmental scan was shared with the individuals who participated in the actual SWOT Analysis. Seven gradual steps are followed to finalize the SWOT Matrix. In the process strengths and weaknesses are considered with respect to the organization; i.e. strengths and weaknesses are internally focused. In contrast opportunities and threats are externally focused; i.e. what are the opportunities and challenges outside of the organization.

Figure: Brain Storming Activity



SWOC MATRIX

STRENGTH	WEAKNESS
<p><i>Own institutional building</i> on an area of 3 Acres</p> <p>Well-developed labs having <i>latest facilities</i> (state of the art) to match the present requirement</p> <p>Scope of extending infrastructure for introducing new courses</p> <p>Highly qualified and experienced <i>permanent</i> teaching staff</p> <p>Equal percentage of newly recruited teaching staff having experience of latest technological advancements in the related field</p> <p>Most of the teaching faculty is in the process of upgrading their qualification</p> <p>Progressive interaction with experts from industry</p> <p>Progressing towards e-campus with exhaustive use existing provisions of smart classroom, Wi-Fi</p> <p>Post office, hospital, bank and railway Station within 2 kms</p>	<p>Limited funds in the institution</p> <p>Limited space for expansion</p> <p>Limited provision for research within the institute</p> <p>Low investments/emphasis on image building and branding</p> <p>Lowered ratio of classroom area/teaching faculty to intake of students due to doubling-up of intake capacity</p> <p>Lack of MIS</p> <p>Lack of e-library</p> <p>Inability to meet the students' higher education needs due to limited number of programmes.</p> <p>Continuous change in leadership</p> <p>Frequent transfers</p>
OPPORTUNITIES	CHALLENGES
<p>Located in the State capital, the educational hub and attracts students from all over the India</p> <p>Thiruvananthapuram being one of the fastest growing city in India needs skill oriented educational programmes to meet the increasing demand and improve employability</p> <p>Kerala as a progressing state with huge investments in the establishment of IT Parks, Tourism and other new areas calls for increasing demand of skilled personnel in these areas</p> <p>Provisions of external funding concurrent with central/state policies related to education and skilled human capital including faculty improvement</p>	<p>Mushrooming of arts and science colleges due to new upcoming private colleges leading to more competition</p> <p>Low quality of available and admitted students in college due to the magnetic effect of engineering and other professional colleges</p> <p>Relatively low funding opportunities for research related projects for arts and science colleges</p>

Analysis of SWOC Matrix

The relationship between the main opportunities and Challenges identified by the external analysis and the main strong and weak points considered in the internal analysis suggests a number of strategic action lines, which are summarized in following table.

Analysis of SWOC

		STRENGTH	WEAKNESS
		<p>Own institutional building on an area of 3 Acres</p> <p>Well-developed labs having latest facilities (State of Art) to match the present requirement</p> <p>Scope of extending infrastructure for introducing new courses</p> <p>Highly qualified and experienced permanent teaching staff</p> <p>Equal percentage of newly recruited teaching staff having experience of latest technological advancements in the related field</p> <p>Most of the teaching faculty is in process of upgrading their qualification</p> <p>Progressive interaction with experts from industry</p> <p>Progressing towards e-campus with exhaustive use existing provisions of smart classroom, Wi-Fi</p> <p>Post office, Hospital, Government Offices, Affiliated University, Railway Station, Banks etc. are within 2 kms. Distance.</p>	<p>Limited Funds in the institution</p> <p>Limited Space</p> <p>Less involvement of institute in research activities</p> <p>Low investments/emphasis on image building and branding</p> <p>Lowered ratio of classroom area/ teaching faculty to intake of students due to doubling-up of intake capacity</p> <p>Lack of MIS</p> <p>Lack of e-library</p>
OPPORTUNITIES	<p>Located in State capital, the educational hub and attracts students from all over the India</p> <p>Thiruvananthapuram being one of the fastest growing city in India needs skill oriented educational programmes to meet the increasing demand and improve employability</p> <p>Kerala as a progressing state, huge investments in establishment of IT Parks, Tourism and other new areas calls for increasing demand of skilled personnel in these areas</p> <p>Provisions of external funding concurrent with central/state policies related to education and skilled human capital including faculty improvement</p>	<p>Introduction of new courses in Physics, Chemistry, Biotech, English, Economics, commerce/management and Travel and Tourism.</p> <p>Improvising current pedagogic practices</p>	<p>New construction of Academic and Administrative building for proposed new courses</p> <p>Creation of new faculty positions against proposed new courses</p> <p>Training of Faculty and Administrators</p>
CHALLENGES	<p>Mushrooming of arts and science colleges due to new upcoming private colleges leading to more competition</p> <p>Low quality of available and admitted students in college due to magnetic effect of engineering and other professional colleges</p> <p>Relatively low funding opportunities for research related projects for arts and science colleges</p>	<p>Image Building through campus development and interaction with industry and local community</p> <p>Increasing enrolment ratio at institute level</p> <p>Developing innovative systems to increase academic success of students</p>	<p>Involvement of institution in research activities</p> <p>Enhancement of work culture through trainings</p>

PART I - INSTITUTIONAL DATA**A) PROFILE OF THE COLLEGE**

1. Name and address of the College:

Name	:	GOVERNMENT ARTS COLLEGE
Address	:	THYCAUD
District	:	THIRUVANANTHAPURAM
State	:	KERALA
Pin code	:	695 014
Website	:	www.gactvm.org

2. for communication:

Office

Name	Area/ STD code	Tel. No.	E-mail
Principal Dr. G. VIJAYALEKSHMI	0471	2323040	lekshmi7007@gmail.com
Vice-Principal Prof. S. SHANAVAS	0471	2323040	sshanavas@gmail.com
Steering Committee Coordinator Dr. JOY.V.S	0471	2323040	adityajoy@hotmail.com

Residence

Name	Area/ STD code	Tel. No.	Mobile No.
Principal Dr. G. VIJAYALEKSHMI	0471	2725909	9495930502
Vice-Principal Prof. S. SHANAVAS	0474	2743205	9400150210
Steering Committee Coordinator Dr. JOY.V.S			9447682482

3. Status of the College

Affiliated College	<input checked="" type="checkbox"/>
Constituent College	<input type="checkbox"/>
Any Other (Specify)	<input type="checkbox"/>

4. Type of Institution:

a. By Gender

1. for Men	<input type="checkbox"/>
2. for Women	<input type="checkbox"/>
3. Co-education	<input checked="" type="checkbox"/>

b. By Shift

i. Regular	<input checked="" type="checkbox"/>
ii Day	<input type="checkbox"/>
iii Evening	<input type="checkbox"/>

5. Is it a recognised Minority Institution?

Yes	<input type="checkbox"/>
No	<input checked="" type="checkbox"/>

If 'yes' specify the minority status (Religious/linguistic/any other) and provide
Documentary evidence: Not Applicable

6. Sources of funding:

Government	<input checked="" type="checkbox"/>
Grant-in-aid	<input type="checkbox"/>
Self-financing	<input type="checkbox"/>
Any other	<input type="checkbox"/>

7. a. Date of establishment of the College: 1948

b. University to which the College is affiliated/or which governs the College (if it is a
Constituent College): UNIVERSITY OF KERALA

c. Details of UGC recognition:

Under Section	Date, Month & Year	Remarks (if any)
i. 2(f)	1980	Page No 460 Of The List Published In The Website Of UGC
ii. 12(B)		

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

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

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

Yes ☒ No ☐

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

Yes ☐ No ☒

9. Is the College Recognised?

a. by the UGC as a College with Potential for Excellence (CPE)?

Yes ☐ No ☒

If 'yes' date of recognition: Not Applicable

b. for its performance by any other governmental agency?

Yes ☐ No ☒

If 'yes', Name of the agency and

Date of recognition: Not Applicable

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

Location	URBAN
Campus Area in Acres	3
Built up area in sq. mts.	6000

11. Facilities available on the campus (Tick the available facility and provide number or other detail 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 and under agreement.

Auditorium/ Seminar Complex with infrastructural facilities

- College Auditorium: College owns a fully furnished auditorium with 210 sq. metres with latest audio visual system in the main heritage building block.
- Seven smart class rooms for Commerce, Economics, Physics, Statistics, Biotech and Chemistry departments equipped with modern instruments are used for Organising department level seminars and conferences.
- A Language Lab with required facilities is functioning and offering classes from experts to students.

Sports Facilities

1. Playground facilities are available for handball, basketball, badminton and volleyball
2. Gymnasium

Women's Hostel**NIL****Cafeteria**

A canteen is well functioning within the campus that offers food and refreshments at subsidized rates to the students and staff.

Health Centre

The college doesn't have a permanent health centre with medical practitioners or nursing assistant. But the college is located in the heart of Thiruvananthapuram Corporation, Where Two Government Medical Colleges and many multi-specialty and super specialty hospitals are located within an area of 2 square kms. The college maintains first aid facilities at the department of physical education.

Facilities like Banking, Post Office, Book shops etc

Within the campus, we do not have these facilities. But all these facilities are available within an area of 0.5 sq.km.

The KSRTC Main Depot and Thiruvananthapuram Central Railway Station are located very near (1 km) to the college and offers advantageous transportation facilities to the students and staff.

The College is environment friendly with facilities for wastewater disposal and solid waste management and the campus is plastic free.

12. Details of programme offered by the institution: (Previous year's data)

Sl. No.	Program me Level	Name of the Programme/ Course	Duration (Years)	Entry Qualification	Medium of instruction	Sanctioned Student Strength	No. of students admitted
i)	Graduate	B.Com	3	+2	English	60	63
		B.A. (Economics)	3	+2	English	60	63
		B.Sc.(Physics)	3	+2	English	24	24
		B.Sc.(Biotechnology)	3	+2	English	24	32
ii)	Post-Graduate	M.Com.	2	B.Com	English	14	14
		M.A.(Economics)	2	BA	English	15	15

		MA (English)	2	BA	English	20	20
		M.Sc.(Chemistry)	2	B.Sc.	English	10	10
		M.Sc. (Statistics)	2	B. Sc.	English	12	12
iii	PhD	Commerce	N.A	M.Com	English	N.A	10
iv	Certificate/ Diploma/UGC career oriented add on course	Hardware And Networking	1	+ 2	English	40	31
		Instrumentation	1	+ 2	English	20	20
		Civil Engineering	1	+ 2	English	40	38
		Logistics & Retail Management	1	+ 2	English	20	20

13. Does the college offer self-financing Programme?

Yes ☒ No ☐

If 'yes', how many?

Four short-duration Certificate/Diploma courses are offered under the Centre for Adult Continuing Education and Extension unit at the college campus.

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

Yes ☒ No ☐ Number

M.Sc. Degree Programme in Statistics started in the academic year 2012-13.

PhD in Commerce started in the academic year 2013-14

15. List of the departments:

Faculty	Departments	UG	PG	Research
Science	Chemistry	Nil	M.Sc.	Nil
	Statistics	Nil	M. Sc.	Nil
	Physics	B. Sc.	Nil	Nil
	Biotechnology	B. Sc.	Nil	Nil
Arts	Economics	B.A	M.A	Nil
	English	Nil	MA	Nil
Commerce	Commerce	B.Com.	M.Com	PhD in Commerce

16. Number of programme offered under

a. Annual System

b. Semester System

c. Trimester System

9

17. Number of programme with

a. Choice Based Credit System

b. Inter/Multidisciplinary Approach

c. Any other (specify and provide details)

4
5

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

Yes

☐

No

☒

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

Yes

☐

No

☒

20. Number of teaching and nonteaching 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			9		43		21		9	
Recruited			5	4	19	21	13	3	8	1
Yet to recruit					3		5			

Excluding Principal *M- Male *F- Female

21. Qualifications of the teaching staff

Highest Qualification	Professor		Associate Professor		Assistant Professor		Total
	Male	Female	Male	Female	Male	Female	
Permanent Teachers							
PhD	-	-	4	2	12	4	22
M.Phil.	-	-	-	-	4	6	10
P.G.	-	-	1	2	4	9	16
Temporary Teachers							
PhD	-	-	-	-	-	-	-
M.Phil	-	-	-	-	-	1	1
P.G	-	-	-	-	1	1	2

22. Number of visiting faculty/Guest faculty engaged with the College

1

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

Categories	2015-16		2014-15		2013-15	
	Male	Female	Male	Female	Male	Female
SC	14	22	15	23	21	20
ST	3	4	4	4	5	2
OBC	33	62	39	50	35	43
Minority	24	20	23	30	21	29
General	13	24	11	28	12	27
Total	87	132	92	135	94	121

In addition to the above, 109 students were admitted in the four short duration courses offered by the Centre for Adult, Continuing Education and Extension.

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

Type of students	UG	PG	M.Phil	Ph.D	CACEE	Total
Students from the same State where the college is located	520	141	-	6	109	776
Students from other states of India	-	-	-	-	-	-
NRI students	-	-	-	-	-	-
Foreign students	-	-	-	-	-	-
Total	520	141	-	6	109	776

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

UG

1 %

PG

0.01%

26. Unit Cost of Education

(a) Including the salary component = Rs. **85325.28**/ Annum

(b) Excluding the salary component = Rs. **4766.01**/Annum

27. Does the college offer any programme/s in distance education mode (DEP)?

Yes

☐

No

☒

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

Sl. No.	Programme	Students	Teachers	Teacher-student ratio
1	B.Sc. (Physics)	70	3	1:24
2	B.Sc. (Botany & Bio-Technology)	72	4	1:24
3	B.A. (Economics)	186	8	1:23
4	B.Com	186	9	1:21
5	M. Sc. (Statistics)	24	5	1:4.8
6	M.Sc. (Chemistry)	24	5	1:4.8
7	MA (English)	36	7	1:5.1
8	M.A. (Economics)	26	8	1:3.25
9	M.Com	26	9	1:3

29. Is the college applying for:

Accreditation: Cycle 1 ☐ Cycle2 ☒ Cycle 3 ☐ Cycle 4 ☐
 Reassessment ☐

30. Number of working days during the last academic year : 221

31. Number of teaching days during the last academic year : 185

32. Date of establishment of Internal Quality Assurance Cell : 2010

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

“Amritam Tu Vidya”
(Knowledge is eternal)

We envisage a holistic development of the individuals by bringing out the best in them, enabling them to imbibe the high values of social commitment and tolerance along with in-depth knowledge and research aptitude

MISSION

To become a premiere academic institution actively involved in generation and dissemination of knowledge by imparting state of the art education to learners from different strata of society.

The college is committed to helping students evolve into self-confident and responsible citizens by inculcating in them the values of integrity, righteousness and good civic sense.

OBJECTIVES

- 1) To help students discover the greatest goodness in our culture, language, arts and science so as to be receptive to worthwhile changes.
- 2) To encourage their ever-growing aspirations.
- 3) To motivate them to move from the realm of the ordinary to that of the extraordinary.
- 4) To ensure access to university education for the poor and the marginalized.
- 5) To use the potential of higher education for social development and nation building.
- 6) To facilitate better human understanding through the study of languages, humanities, science and social sciences.
- 7) To promote academic research in the disciplines offered with a view to understanding and interpreting the present and envisaging the future

The above stated vision, mission and objectives of the institution are communicated to the stake holders through the college academic calendar and college website. Boards displaying the vision and mission of the college are also exhibited in the portico of the college so that visitors can have a glimpse of the vision and mission of the college. Also in various college level meetings, special emphasis is given to communicate the vision, mission and objectives of the college.

1.1.2 How does the institution develop and deploy action plans for effective implementation of the curriculum? Give details of the process and substantiate through specific examples.

- For proper planning and effective implementation of the academic activities of the year, an Academic Calendar is prepared by the College Council in the beginning of the academic year in tune with the Academic Calendar issued by the University of Kerala.
- A CBCSS coordinator has been appointed to orient the students in the revised curriculum and to monitor the implementation of the programme. The progress is discussed in the staff council.
- A detailed month-wise Teaching Plan of the department is prepared by the HOD to ensure time-bound completion of the courses and timely conduct of exams.
- Separate time tables and charts are drawn out by the HOD for the faculty of the department for assignments and seminars, internal assessment and evaluation, grading of results, remedial and advanced coaching, project duty etc.
- A Teacher's Diary is maintained by each teacher which is a personal record of individual time tables, class charge details, details regarding student performance and student achievements, tutorial works undertaken, remedial and advanced coaching given, mentoring done, test papers, practical and lab works, seminars and assignments conducted, invigilation, evaluation and practical duties undertaken, student projects monitored, improvisations in curriculum based on the feedback from stake holders etc. The heads of the departments periodically verify the records which in turn are duly countersigned by the Principal.
- A monthly Workload Statement is prepared by the HOD and is handed over to the Principal for verification.

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?

- Kerala University provides separate semester-wise academic schedules for the UG and PG programme affiliated to it. On the basis of the academic schedules, each department in the college prepares an action plan for completing the programme within the scheduled time period. Workshops and training sessions are conducted by the University Curriculum Committee for Updation and syllabus revision.
- At the institutional level, teachers are encouraged to participate in refresher courses, orientation courses, seminars and workshops to acquaint themselves with the changes in the respective subjects.
- Modern facilities like interactive boards, public addressing system and LCDs are installed in the smart classrooms for better ICT oriented teaching.
- Continuous Updation is done in the general and departmental libraries based on the material requirements of students and teachers.
- The departments are encouraged to organise seminars and workshops using the fund granted either by the UGC or by the Directorate of Collegiate Education.

1.1.4 Specify the initiatives taken up or contributions made by the institution for effective curriculum delivery and transaction of the curriculum provided by the affiliating university or other statutory agency?

- Course Plan & Teaching Plan are prepared and implemented by the departments.
- The institution encourages and assists the departments to conduct seminars/workshops on areas related to the respective curriculum.
- New books related to the topics in the curriculum are purchased periodically.
- Language Lab promotes better practice of communication techniques.
- ICT enabled teaching is encouraged.
- E-journals are subscribed.
- The Central Library and department libraries ensure effective knowledge transfer, sharing and delivery.
- The faculty is encouraged to attend workshops and orientation programmes on curriculum design and restructuring.

- Internal assessments and model examinations are conducted and assignments are given.
- Question banks based on the curriculum are prepared and the students' in turn are provided with them.

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?

- Students of the departments of Commerce and Economics do their projects and field works through tie-ups with various industries and research agencies.
- Industrial/Field visits are conducted by the departments of Commerce, Chemistry and Botany & Biotechnology.
- The suggestions received from companies during placement are communicated in the syllabus restructuring committee during workshops.
- An Entrepreneurial Development Club is functioning in the College which has tie-ups with Governmental agencies promoting Medium and Small Enterprises in Kerala.

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 following staff members are acting as chairman/member in the Board of Studies of various subjects affiliated to the University of Kerala.

1. Dr.V.S. Joy, Member, Board of studies in Commerce (Pass), University of Kerala.
2. Dr.V.S. Joy, Member, Board of Studies in Business Management (Pass), University of Kerala.
3. Dr.V.S. Joy, Member, Board of Studies in Commerce and Tourism(Pass and PG), Mar Ivanios Autonomous College (nominated by VC University of Kerala)
4. Dr. G.L. Arunjilal, Chairman, Board of Studies in Economics (Pass), University of Kerala.
5. Dr. Prince P.R., Member, Board of Studies in Future Studies, University of Kerala
6. Dr. Sheela. K. L, Member, Board of Studies in Statistics (Pass), University of Kerala.

7. Dr. G. L. Arunjilal, Member, Board of Studies in Economics (P.G.), University of Kerala.
8. Dr. Gracious J, Member, Board of Studies in Eco Tourism, University of Kerala.

1.1.7 Does the institution develop curriculum for any of the courses offered (other than those under the purview of 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.

For regular programmes, the college follows the syllabus as prescribed by the University of Kerala. For courses offered under the Centre for Adult, Continuing Education and Extension, University approves the syllabus prescribed by the centre.

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

- Department meetings are conducted regularly to discuss the progress of academic and co-curricular activities.
- Model examinations in the prescribed university question model format are conducted in each semester.
- Class PTA and General PTA are convened from time to time to evaluate student progress and academic achievements.
- Feedback from students and other stake holders are collected and analysed in each semester.
- The academic council of the college meets every month to analyse the implementation of curriculum in time.
- At the end of each semester the academic council conducts result analysis and makes recommendations.

1.2 ACADEMIC FLEXIBILITY

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

The Centre for Adult, Continuing Education and Extension of the College offers the following three courses open to public for special skill development.

In addition to that, soft skill and special skill development programme are offered under Additional Skill Acquisition Programme (ASAP) sponsored by the Department of Higher Education, Government of Kerala. The senior batch of students has completed their 180 hours foundation module and is doing their skill courses in NSE Certified Capital Market Professional, Meeting, Conference and Event Planner and Junior Correspondent Course. The junior batch is undergoing training in foundation module of functional English and Information Technology.

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

No. The Kerala University statute prohibits the dual degree or twinning programme.

1.2.3 Give the details on the various institutional provisions with reference to academic flexibility and how it has been helpful to students in terms of skill development, academic mobility, progression to higher studies and improved potential for employability.

Range of Core/Elective options offered by the University and those opted by the college

The core courses offered in the UG programme under CBCSS and CRCSS have no options available to the college as per the regulations in the syllabus. The following is the number of core courses coming under the UG programme offered by the College

- | | |
|----------------------------------|-------------------|
| 1. B.Sc. Physics | - 14 core courses |
| 2. B. Sc. Botany & Biotechnology | - 27 core courses |
| 3. B.A. (Economics) | - 14 core courses |
| 4. B.Com | - 16 core courses |

The elective options are available only to the following programme.

Name of Programme	Elective/Core options by University	Elective/Core options opted by the College
B.Com	1. Finance 2. Co-operation 3. Travel and Tourism 4. Insurance and Banking 5. Computer Applications	Finance

Choice Based Credit and Semester System and range of subject options

The UG programmes offered by the college follow the CBCSS (3) and CRCSS (1) with a range of the following subject options in each programme.

Programme	Courses	No.	Credits	Total Credits
B.Sc. Physics	Core courses	14	47	120
	Complementary courses	9	28	
	Foundation courses	2	04	
	Elective course	1	02	
	Open course	1	02	
	Courses in Additional Language (Hindi/Malayalam/Arabic/Sanskrit/French/Tamil)	4	14	
	Language Courses	4	19	
	Project	1	04	
B.Com	Core courses	16	57	120
	Complementary courses	4	12	
	Foundations Courses	2	05	
	Courses in Additional Languages (Hindi/Arabic/Malayalam/Sanskrit/French/Tamil)	2	08	
	Language Courses	4	14	
	Elective Courses	4	18	
	Open Courses	2	02	
	Project Work	1	04	
B.A. Economics	Core courses	14	52	120
	Complementary courses	8	22	
	Foundation courses	2	05	
	Courses in Additional Languages (Hindi/Malayalam/Arabic/Sanskrit/French/Tamil)	4	14	
	Language courses	6	19	
	Open Courses	2	04	
	Project	1	04	
B. Sc. Botany & Biotechnology (CRCSS)	Core Courses	27	75	120
	Complementary Courses	5	14	
	Foundation Courses	2	05	
	Open Courses	2	04	
	Courses in Additional Languages (Malayalam/Hindi/Arabic/Sanskrit/French/Tamil)	2	06	
	Language Courses	4	12	
	Project	1	04	

Courses offered in Modular form

All the courses in the UG and PG programmes are designed in the modular form.

Credit Transfer and Accumulation facility

No guidelines exist pertaining to the transfer of credit from one University to another or to another programme in the curriculum as designed for the University of Kerala.

Lateral and Vertical Mobility within and across the programme and courses

The affiliating University does not permit lateral mobility across the programme. However, the Open courses for the V and VI Semesters of UG programme give opportunity for lateral mobility within the programme.

Enrichment Courses

The skill development programme offered through ASAP helps the students in acquiring special skills in different areas. These skill acquisition courses are conducted outside the working hours and during the summer vacation.

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.

The Centre for Adult, Continuing Education and Extension of the College at present offers three self-financed programme as listed below.

Programme	Duration	Fee structure	Number of students
Hardware And Networking	1 Year Diploma	28000(14000 FOR SC/ST)	31
Instrumentation	1 Year Diploma	28000(14000 FOR SC/ST)	20
Civil Engineering	1 Year Diploma	28000(14000 FOR SC/ST)	38
Logistics & Retail Management	1 Year Diploma	28000(14000 FOR SC/ST)	20

The admission to the above programmes is made on ‘first come first serve’ basis but the number of seats is limited to 40 for each programme. The University provides a well-designed curriculum for the Certificate courses. Out of the total fee collected from each student, 35 per cent should be given to the University which is responsible for conducting the theory and practical examinations and for issue of mark lists and certificates. The classes in this Centre are scheduled on Saturdays and Sundays from 10 a.m. to 4 p.m... The teachers of nearby colleges with specialisation in the respective subject are invited to handle classes for the programme. A remuneration of Rs. 1000 per hour is allocated to

the visiting faculty. The revenue generated from the programme is utilised for the general development of the College.

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

Yes. The programmes offered by the Centre for Adult, Continuing Education and Extension is additional skill oriented programme offered by the college as they are considered to be relevant to regional and global employment markets. Many soft skill development programmes are offered to students of the college through ASAP programme. All ASAP students are equipped to appear for the Aptis Test designed and conducted by the British Council and the Aptis Certificate is reckoned worldwide. On completion of the skill courses the ASAP students are given certificates by National Skill Development Corporation enabling them to seek employment even outside the state.

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

The affiliating University does not provide such flexibility.

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 programme and Institution’s goals and objectives are integrated?

The following are some of the important efforts made by the college to integrate the academic programme of the university with the institution’s goals and objectives.

- An orientation programme is offered to the freshers to acclimatize them to the college atmosphere.
- Special care is taken to bridge the gap between the required knowledge for the curriculum and competency of the new entrants through personal interaction offered in the first week of the first semester.

- Seminars/ lectures/ workshops etc. are conducted which promote intellectual enquiry and independent thinking of students.
- ICT enabled teaching is encouraged in all courses.
- Optimum use of the departmental libraries and the general library is ensured.
- Field trips, study tours, industrial visits, community development programme etc. are conducted to enhance co-operation and ensure social service.

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

- The Placement Cell and Equal Opportunity Cell have interaction with external recruiting agencies and industries and keep the students informed of the current trends in the employment market and provide training to them. The Cell also arrange grooming sessions by experts
- The ‘feedback’ on programme and courses from the alumni, students and teacher organisations were properly analysed, and makes representations to the University.
- The active participation of faculty members in the seminars, and symposiums, conducted by the University on Syllabus Modification helps to design the curriculum based on the changing needs of dynamic 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?

The various departments and other specialised bodies are active in integrating the cross cutting issues such as gender, climate change, environmental education, human rights, ICT etc. into the curriculum. The following are some of the important initiatives taken in this direction.

- A two-day national seminar on “Green Marketing” has been organised in the College which focuses on environmental friendly business activities.
- The Women Cell of the college has organised lectures on women rights and other specific gender issues on various occasions.
- Special coaching is given to the teaching faculty to use Interactive boards and LCDs to promote ICT oriented teaching –learning process.

- All the students are taught issues related to environment through the environmental studies which is a Core course as per university curriculum.
- Likewise, Informatics and Cyber laws is also taught to students to get them acquainted with the changes in the field of Information and Communication Technology and the legal issues and regulations in cyber world.
- Special days such as International Women's Day, International Human Rights Day, Ozone Day, World Food Day, World Forest Day, World Water Day, World Environment Day, Alzheimer's Day, AIDS Day, Wild Life Week etc. are observed by conducting seminars, chart and poster exhibitions, processions, street plays etc.

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

Moral and Ethical values

To instill moral and social responsibility among students, value education classes and value orientation programme are organised under the auspices of N.S.S., Women study unit and Walk with a Scholar Programme.

Employable and Life skills

The Career Guidance and the Placement Cell of the college organize training programme, workshops and seminars to improve the employability and life skills of the students. The seminars, lectures and workshops conducted by the departments are in tune with the demands of the employment market and the challenges in acquiring life skills. The skill development programme offered by ASAP also facilitates in improving the employability and life skills of students.

Better Career Options

Here also the Career guidance and Placement Cell of the College helps the students in preparing CV and trains them to participate in interviews and give awareness regarding better career options in their related educational fields.

Community orientation

N.S.S. unit and N.C.C. unit of the college actively perform programme related to community orientation as part of their regular and special camping programme.

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

1. The feedback from students regarding the repetitions in the course contents in the elective and foundation courses in Commerce i.e. Information Technology for Business and Informatics was avoided at the Workshop organised by the University of Kerala for revising the existing curriculum.
2. Dr. V.S. Joy of the Department of Commerce who is a member of Board of studies in Commerce and Management actively represents the matters regarding modifications to be made in the existing syllabus for First Degree Programme in Commerce in the workshop conducted by the University of Kerala
3. Dr. Arunjilal of the Department of Economics is the Chairman of Board of Studies in Economics also got ample opportunities to frame the curriculum for the entire affiliated colleges in the University of Kerala.
4. The revisions made in the syllabus were based on the feedback given by students and parents of the college.

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

The entire programme offered by the college is regularly monitored and evaluated by the Principal after collecting feedback from the stakeholders. The concerns regarding the programme are discussed at the meeting of the staff council and corrective actions are taken immediately. The coordinators of the entire programme are responsible to present the report of their work done on a regular basis.

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?

Various faculty members have been involved in evolving curricula for various courses. Additionally, where the contents of the courses prescribed by the University are found to be inadequate to match the merit and intellectual demands of the students, departments are encouraged to supplement the courses to the desired extent.

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 programme?

Students: Interaction of the faculty and the students is an effective measure through which the college obtains feedback from the students. The Internal Quality Assurance Cell (IQAC) periodically collects the written feedback of students to evaluate the curriculum and also the teaching.

Alumni: The feedbacks obtained from the alumni are reported and proposed by the faculty in the workshops and meetings conducted by the University for making changes in the Curriculum for its enrichment.

Parents: The parents are invited to the college and to the concerned departments in order to interact with the teachers. Written feedback is obtained in the interactive sessions as well as during the Open House.

Employers: The employers give their feedback with regard to the curriculum and the industry requirements during the meetings and interactions with the Principal and the Placement Cell of the college.

Academic Peers: The departments have started collecting feedback from the academic peers. The members of the faculty also get feedbacks from their interactions with academic peers of other colleges during centralized evaluation, seminars and faculty development programme. Through such interactions, various suggestions and modifications are discussed and conveyed to the Board.

Community: The general acceptance of the course programme by the students and their parents and long waiting list for admission is a sign of acceptance on the part of the community also. Besides, there are community linked programme initiated by the college, during which the college authorities meet the members of the local community and interact with them and obtain sufficient feedback of the academic activities going inside the campus.

The suggestions made on the above feedbacks are conveyed to the University through teachers who are members of the Board of Studies or through those who are attending seminars/workshops on Curriculum development.

1.4.3 How many new programme/courses were introduced by the institution during the last four years? What was the rationale for introducing new courses/programme?

MSc in Statistics was introduced in 2012-13. The programme is introduced based on the higher educational needs of the students.

The college becomes the research centre for Commerce in the year 2013-14. Many aspirant PG holders from the College and nearby colleges are approaching the faculty of Government Arts College for doing Ph.D in Commerce was the main reason.

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

During the last academic year, we have applied for new courses based on demand and employability.

CRITERION II**TEACHING – LEARNING AND EVALUATION****2.1. Student Enrolment and Profile*****2.1.1. How does the college ensure publicity and transparency in the admission process?***

The admissions to various courses in the college are carried out through a centralized online allotment process, i.e. Online Admission Portal (OAP), regulated by the university. The University allots the seats according to the guidelines prescribed by the government. The University of Kerala, to which the college is affiliated, introduced the Online Allotment Process from the year 2010 and the admission process has been initiated through this new single window procedure. The information about the commencement of admission during the academic year, the last date for submitting the applications for admission, cost of fees for application, etc., are intimated by the university through regional and national newspapers. The college website provides information about the history and the courses offered by the institution. An Admission Committee comprising of the Principal, heads of the departments, members of the teaching staff, non-teaching staff and the PTA executive is in charge of the whole process of student admission. The admission process begins as the university initiates the allotment procedure. The list of selected candidates is uploaded to the university after each day's admission. After the admission process is over, the list of students admitted on merit and on statutory reservation basis is displayed on the college notice board, and a copy of the same is sent to the university.

2.1.2. Explain in detail the criteria adopted and process of admission

Ex. (i) merit

(ii) common admission test conducted by state agencies and national agencies (iii) combination of merit and entrance test or merit, entrance test and interview (iv) any other to various programme of the institution.

Admissions to UG & PG Programmes

The institution adheres to the rules and regulations, regarding the admission procedure, prescribed by the University of Kerala and the Government of Kerala.

Admissions to Centre for Adult, Continuing Education and Extension (CACEE)

The CACEE centre offers short term certificate courses in

- i. Hardware and Networking
- ii. Instrumentation
- iii. Civil Engineering
- iv. Logistic and Retail Management programme.

Each course has its own norms of eligibility. Candidates with the prescribed qualifications are eligible to be admitted to the programme on a first come first serve basis.

Admissions to New Initiative Programme

The college also offers add on courses in Commerce and Physics and also through new initiative programmes like ASAP, WWS and SSP. The coordinators select students for these programmes according to the criterion of selection to be followed. The students studying in the college only are eligible for admission to these programmes.

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

The admission is based on the index marks secured by a student, and not exclusively on the percentage of marks obtained in the qualifying examination. The following table depicts the minimum and maximum index marks of admitted students belonging to various categories in different programmes from 2011 to 2015.

Table 2.1
INDEX MARKS OBTAINED BY STUDENTS IN THE QUALIFYING EXAMINATION

Programme	Year	Open Category		SC/ST		Govt. Women's college	
		Highest index	Lowest index	Highest index	Lowest index	Highest index	Lowest index
B.Com	2010-11	1310	1214	1156	753	1285	1100
	2011-12	1312	1235	1179	797	1291	1108
	2012-13	1314	1240	1233	842	1293	1124
	2013-14	1317	1244	1181	886	1304	1143
	2014-15	1393	1204	1129	931	1325	1191
B.A. (Economics)	2010-11	1295	1048	998	678	1079	842
	2011-12	1316	1064	1012	720	1197	1048
	2012-13	1320	1082	1021	760	1284	1052
	2013-14	1329	1084	1023	794	1158	1068
	2014-15	1357	1107	1071	898	1210	1095
B.Sc. (Physics)	2010-11	1086	979	965	798	573	425
	2011-12	1099	986	948	754	1144	748
	2012-13	1123	1045	996	840	1131	842
	2013-14	1151	1067	1018	848	1121	840
	2014-15	1266	936	999	912	1183	991
B.Sc. (Botany & Biotechnology)	2010-11	997	897	887	685	1100	987
	2011-12	1129	967	956	702	1210	1005
	2012-13	1198	1074	1002	760	1270	1032
	2013-14	1283	1123	782.33	709	1298	1078
	2014-15	1243	901	1080	795	1254	998
M.Com	2010-11	872	644	632	468	894	637
	2011-12	868	701	578	454	904	539
	2012-13	865	659	565	456	879	623
	2013-14	876	559	545	476	912	645
	2014-15	890	750	840	397	884	678
M.A.(Economics)	2010-11	798	598	593	446	834	547
	2011-12	812	579	553	457	876	567
	2012-13	798	602	598	472	856	499
	2013-14	843	613	604	457	859	512
	2014-15	853	615	621	458	854	457
MA (English)	2010-11	751	521	498	480	872	616
	2011-12	775	530	529	502	884	763
	2012-13	816	462	460	452	894	765
	2013-14	802	563	493	466	872	645
	2014-15	919	555	540	512	924	622
M.Sc.(Analytical Chemistry)	2010-11	1204	1078	772	616	1283	1123
	2011-12	1227	988	864	763	1281	1126
	2012-13	1202	1005	895	793	1290	1101
	2013-14	1145	958	972	665	1274	1120
	2014-15	1243	993	774	621	1293	1216
M.Sc. (Statistics)	2012-13	906	564	-	-	-	-
	2013-14	912	798	-	-	-	-
	2014-15	903	786	-	-	-	-

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

The institution ensures that all admissions are done as per the norms and regulations of the University of Kerala and the State Government. Students are admitted to each programme after careful scrutiny of their credentials and qualifications, and the admission process is undertaken by the Admission Committee, which in turn meticulously reviews the process. There is no common programme to assess a student’s knowledge and skills before the commencement of the course. Immediately after the commencement of the classes, the tutors concerned will have interactive sessions with the students to identify their level of knowledge and skills as well as their drawbacks in academic and extracurricular activities so as to give due attention and guidance to improve them.

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

SC/ST

Students from SC/ST category are allotted seats as per the reservation policy of the Government of Kerala and the guidelines of the University of Kerala. Fees exemption/concession and scholarship benefits are also extended to the students according to the rules and regulations of the Government of Kerala.

OBC

Students from OBC category are allotted seats as per the reservation system followed by the Government of Kerala. Fees exemption/concession and scholarship benefits are also extended to the students according to rules and regulations of the State Government.

Women

75% of the students admitted to this college are girls and there is no separate reservation for women as per government rules.

Differently Abled (Person with Disability)

One seat is reserved for the Person with Disability (PWD) in each programme as per the rules of the Government of Kerala.

Economically weaker sections

Forward Caste BPL (Below Poverty Line) students are given a reservation of 10 % during admissions. They are also eligible for fee concession.

Minority community

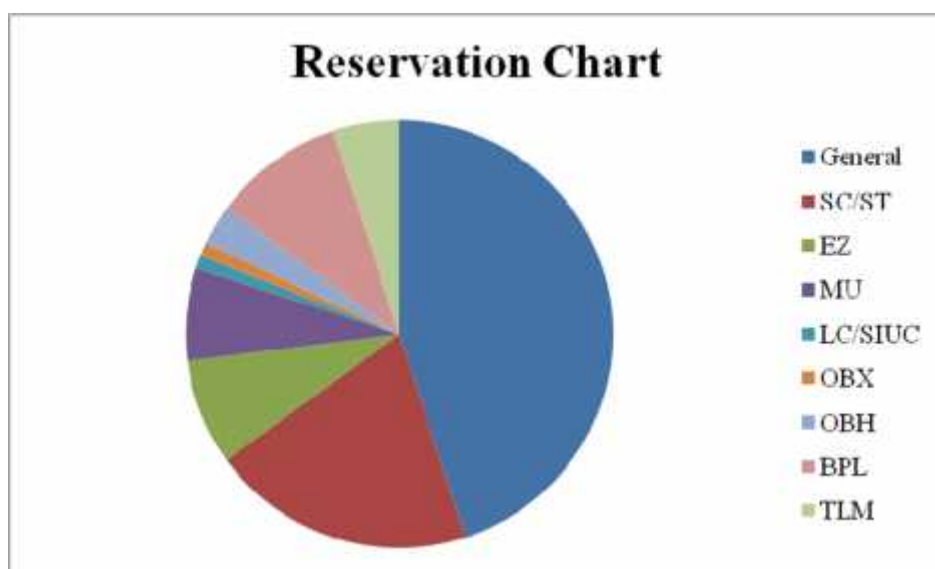
Seven percent seats are reserved for Muslim community in each programme. Two percent seats are also reserved for LC/SIUC and OBC Christians.

Any other**Sports Reservation:**

As per the rules of the Government of Kerala and Kerala University, one seat is reserved in each programme for students who have achievements in sports. Apart from this, the students who have excelled in the field of sports are given due consideration for admissions. The selection of students for admission is based on their performance in sports and their eligibility for higher studies.

Table 2.2: Reservation for students belonging to different categories in percentage

SL. No	Category	Percentage
1	SC	15
2	ST	05
3	OBC 1. Ezhava - 8 % 2. Muslim - 7 % 3. OBC Hindu - 3 % 4. LC/SIUC - 1 % 5. OBC Christian - 1 % TOTAL :	20
4	BPL (Forward Caste)	10
5	Differently Abled (PWD)	1seat/programme
6	Sports Quota	1seat/programme



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

Table 2.3: Demand Ratio (2014-15)

Programme	Number of Applications Received	Number of Students Admitted	Demand Ratio
UG			
1. B.Com	6822	60	114:1
2. B.A. Economics	4771	60	80:1
3. B. Sc. Physics	2757	24	114:1
4. B.Sc. Botany & Biotechnology	1559	25	62:1
PG			
1. M.Com.	812	13	62:1
2. M.A. Economics	687	15	45:1
3. MA English	178	18	10:1
4. M.Sc. Chemistry	142	12	12:1
5. M.Sc. Statistics	132	12	11:1

Students have been admitted in the P.G. programme based on the centralized allotment process by the University of Kerala from the academic year 2010-11 onwards. The UG programme has come under the online allotment process from the academic year 2011-12 onwards. The university regulates the admissions to affiliated colleges through a single window scheme using the Online Admission Portal. At the time of admissions, it is seen

that most of the students admitted to various programmes offered by the college give first preference to Government Arts College, Thiruvananthapuram for undergoing the programme. It is also evident from the high index marks required for entry into programmes offered through this institution.

2.2 Catering to Student Diversity

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

Seats are reserved for differently-abled students as per the regulations prescribed by the Government of Kerala. The institution pays special attention to their needs even though they are a minority. As part of this effort, Audio CDs are provided in the library for the visually challenged. Government stipends are also made available to the differently-abled. Further, the institution offers the provision for scribes in written examinations.

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

Yes. The Academic Council of the college directs tutors to collect profiles of the students and to conduct small tests at the beginning of every academic programme. This helps to a great extent in assessing the capabilities and limitations of a student. Subsequently the students are subjected to various methods of evaluations like vocal responses, individual responses and written tests. Based on their performance, students are identified as slow, average and advanced learners. Special care is taken to see that this is done in a subtle manner without demotivating the students.

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

The college conducts an orientation programme for the new entrants to give an introduction to the programme details, evaluation system, campus rules and regulations, library and other infrastructural facilities, co-curricular and extracurricular activities like

sports, NSS and student support services like Anti ragging cell, Grievance Redressal Cell, Career guidance Cell etc.

Additional academic support is given to the students belonging to SC, ST, OBC (Non – Creamy Layer) and minority communities through remedial classes. The teachers in charge of the remedial classes schedule the time table and usually coaching is given before or after regular college hours. Additional reading materials and academic support are given to these students and their academic performance is monitored. The teachers of various departments are engaged in this process and they report the developments with the heads of the respective departments. The college has an established evaluation system to evaluate the students enrolled under this programme.

Apart from imparting text book knowledge to the students the institution offers various opportunities to enrich the knowledge of the scholars. Eminent scientists and academicians are invited to the college every year and the students are encouraged to interact with them. This has been significant in taking our students to areas of knowledge hitherto unknown to them. Regional, state and national workshops and seminars organized every year help the students to update their knowledge in different disciplines. Students are also encouraged to participate in quiz programmes, seminars, conferences and workshops organized by other institutions and universities. Assignments and class seminars are given to the students to widen their horizons of learning and to enhance their academic performance and interactive capabilities.

As stated in the vision statement of the institution, we take it as our responsibility to groom our students. Meritorious students with possibilities of achieving greater academic and professional heights are identified and their energies are channelized in this respect. The college conducts three enrichment programmes funded by the Government of Kerala- Walk with a Scholar Programme (WWS), Additional Skill Acquisition Programme (ASAP) and Scholar Support Programme (SSP).

Walk with a Scholar (WWS) scheme is implemented in our college to arrange specialized mentoring programme for selected students in under graduate programmes 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 a 'Guide' and 'Friend'. It has been observed that the students in Arts, Science and Commerce Colleges do not get the necessary orientation to prepare them for employment or to select areas for higher

study. The mentoring scheme for students will be purely voluntary in nature. It will be open for all students entering the first year of the Under Graduate Programme of Study. 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 mentors help the students to identify the opportunities available to them and the areas suitable for them, the manner in which the scholars should proceed for realizing their dreams and to evolve ways by which they can be acquired. The highlight of the scheme is a segment called External Mentoring under which many distinguished scholars, psychologists, personality trainers, civil servants and other luminaries come to the college and take classes for the mentees. The college can boast of a long list of such eminent persons who have come and interacted with our students since the induction of WWS.

Additional Skill Acquisition Programme aims at developing the latent skills in graduate students so as to enable them to procure employment. The programme was started in the College in 2012 with 30 students. The first and second batch (started in October 2013) completed their 180 hours foundation module and 120 hours of skill courses in NSE Certified Capital Market Professional, Meeting, Conference and Event Planner, Junior Correspondent. The confidence level of the students has increased in terms of level of communication and presentation skills. The third batch of students started in October 2014, and they are undergoing the skill courses now. The ASAP students are given training in Communicative English(100hours) and Information Technology(80 hours) as part of their curriculum. They are trained to attend the Aptis test designed and conducted by the British Council. Test modules of the Aptis test are given to the students at the Language Lab and rigorous training in communicative skills is rendered to them through role play, guided composition, language games and other innovative techniques. The skill courses are allotted to the students on the basis of an aptitude test conducted by the ASAP, Govt. of Kerala. The students attend the skill classes at the Skill Development Centre which is at the nearby Govt. Model HSS, Thycaud. On successful completion of the course, they are given certificates by ASAP, the British Council and the National Skill Development Corporation. In addition to the regular programme, ASAP conducts Vacation for Vocation (summer skill courses) and placement services for the final year under graduate and post-graduate students.

Scholar Support Programme (SSP) is meant for improvement of quality in education for the academically weaker students at the UG level. When it was started in the academic year 2012-13 by the Government of Kerala as a new initiative programme, our college took initiatives to start the programme in the first year itself. Now the programme has completed three years successfully in this college. The students who have secured less than 60 % marks, especially those students who encounter difficulties in comprehension are eligible for selection to this programme. Sixty extra teaching hours are allotted for such students. Teachers are provided through outsourcing in times of need to handle classes.

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

The **Student Counselling Centre** functioning in the college gives adequate support to the students in times of difficulties. If needed the counselling centre also seeks the help of professional counsellors. The feedback from the centre is of great help in identifying and resolving the problems faced by the students.

The **Women's Study Unit** regularly organizes gender sensitization programmes in the college. Classes on laws, cyber laws, laws pertaining to women, career prospects for women, self-defense techniques were conducted by the cell with the active help and participation of the Kerala Women's Development Corporation, Kerala Police, Kerala Legal Service Society etc. The unit finds it essential to develop awareness towards gender equality in the students. The students are given opportunities to interact with members of the judiciary, Human Rights Commission, social activists and artists. This has proved to be a healthy practice in educating the students in gender related issues. A unique feature of the institution is that boys are also included in the programmes organized by the Women's study unit. This has been instrumental in changing their perspectives on gender related issues. The activities of the Women's cell during the academic year 2015-16 have been instrumental in securing the award for the best club in the college.

The **Equal Opportunity Centre** of the college is aimed at conducting seminars, lectures and classes to include and uplift the students from the marginalized sectors of the society into the main stream. The SC/ST and other backward communities as well as other deserving students are provided financial assistance other than the governmental aid. The

departments also provide study aids and separate financial assistance including support to field trips and study tours to include them in the mainstream. Special attention in remedial coaching is imparted to the above students to help them improve in academics.

The **Nature Club** in the college has played an important role in imparting progressive values regarding the conservation of environment. The club also joins hands with the Social Forestry Wing of the Forest Department, Government of Kerala to keep the campus green, clean and plastic free. The club conducts natural camps every year. The three day nature camp at Neyyar Wild life Sanctuary during the academic year 2015-16 with the active participation of thirty five students and two faculty members was a huge success. It helped in educating the students about the need for protecting forests and wild life. Important days like World Earth Day, Forest Day and Environment Day are observed in the college. The authorities have taken care in keeping all the buildings constructed in the college environment friendly. The natural landscape has been maintained so that drainage flows are never interrupted. Rain water harvesting project is under the preliminary level of implementation in the campus for water conservation. Hundreds of saplings are distributed among the students and the staff on the World Environmental Day under the leadership of the Nature Club. The Nature Club has bagged the Principal's award for the best club of the year 2015-16, sharing the honour with the Women's Cell because of its multifarious activities in the area of students sensitization and environment preservation.

Anti-ragging Cell, Anti-Sexual Harassment Cell (CASH), SC/ST and Minority Cell, NSS and NCC undertake programme to sensitize the students on issues related to gender, inclusion, human rights, legal literacy, environment and other relevant issues.

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

The institution follows various methods to identify slow and advanced learners. A detailed bio-data form filled by the student, which is retained by the tutor, throws light on the general background of the student. Evaluation of previous academic records, self-introduction session on the commencement day, test papers, and interaction with students, seminars, assignments, group discussions and distribution and collection of student's

response sheet helps to identify the capabilities of the learner. Students who raise thought provoking queries and respond promptly in the classroom interactions are also identified. The college acknowledges the advanced learners and achievers by rewarding them with mementos, certificates, cash awards and medals. The advanced learners are encouraged to take special assignments and application level problems of the subject to increase their proficiency level. They are encouraged to help the slow learners. They are also encouraged to participate in quiz and seminars conducted by the college as well as other educational agencies/institutions. The college and the department libraries are enriched with books and journals for advanced readings. The advanced learners are encouraged to use the sophisticated resources of the college library like reference books, INFLIBNET, EDUSAT etc. The advanced learners are selected to participate in student enrichment programme like Additional Skill Acquisition Programme (ASAP). Students who secure high grades in the University examinations are given orientation and motivation talks on Civil Service Examinations and further guidance is provided to interested candidates. Advanced learners in PG Level in the college are given UGC/ NET coaching. They are encouraged to attend national and international seminars / workshops organized by other colleges.

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

The institution is sensitive to the problems and challenges of the students, especially those from the disadvantaged and economically weaker sections of society and the physically challenged and slow learners. The data and information regarding their academic performance are collected from the student profiles prepared and updated annually. These are analyzed by the class teacher and the head of the department of the respective departments and action is taken thereupon. The data collected by the Admission Committee is also analyzed for this purpose.

Tutorial System and Mentoring are effective measures to keep track of the performance and drop out risk of such students. The academic performances of these students are

monitored through the internal assessments, surprise tests, assignments and seminars conducted regularly. The response of the students to oral revisions by question- answer method and to home assignments given is also criteria for evaluating them.

Student attendance is regularly monitored and analyzed every week by the class teacher and at the end of each month by the Head of the Department. Month-wise attendance is displayed on the department notice board. Those students with attendance shortage, who obviously belong to the drop-out risk group, are counselled and warned and their parents are called in. Sometimes house visits are also conducted for the purpose. Many of these house visits which generated in a closer interaction between the parents and the teachers resulted in marked improvements in their ward's attendance in the college. Economically weaker students are supported with scholarships like Post Metric Scholarship, Central Sector Scholarship and State Merit Scholarship. Financial support from department faculty members, are also extended to deserving students. PTA also provides financial aid for the economically weak students.

The institution has devised measures like orientation programme and lectures conducted by the Equal Opportunity Centre, personality development programmes and life skills programmes, remedial coaching, mentoring, counselling, monitoring of attendance and parental interaction in case of shortage, and also lending financial support to the deprived students to improve their academic performance, these measures have been quite fruitful.

2.3 Teaching-Learning Process

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

Government Arts College, Thiruvananthapuram is affiliated to the University of Kerala and has to adhere to the academic calendar published by the University. At the beginning of each academic year, faculty meetings are held in all the departments and an academic programme, following the academic calendar of the university, for the semester is prepared in consultation with the Principal.

At the start of each semester, a teacher prepares a semester plan of teaching and forwards a copy of it to the IQAC by the Head of Department concerned. Periodic review in the department council helps to gauge the progress, identify the difficulties, and act appropriately to ensure the committed coverage of the syllabi.

Each faculty member keeps a Statement of Classes Engaged Sheet to record the daily progress of the plan. Towards the end of the semester, departments issue special time tables to facilitate effective time and resource management.

All the laboratories in the college work according to a pre-planned schedule. Charts and procedures for all the experiments are prepared and made available to students. The departments also carry out internal assessment based on students' performance in class tests, assignments, seminar presentations, and attendance. The teachers take class attendance for each hour and the statement is reviewed weekly and consolidated semester-wise. The final evaluation of students is made according to the university schedule. Towards the end of each semester, the Heads of the Department publish the internal grade sheets on the notice board and complaints received, if any, are rectified and forwarded to the university. The university conducts theory and practical examinations and carries out the evaluation. The results of examinations are declared and score cards are issued by the university.

Respective subject teachers communicate evaluation blue print at the beginning of the semester and assessments are carried out as per the scheme of evaluation followed by the affiliating university.

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

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

Improvement of the infrastructure for effective teaching - learning is also a prime concern of IQAC. There has been a remarkable progress in this area during the last few years. 07 smart boards, 07 LCDs, 1 LED TV, 60 Desktops, 12 Laptops, 01 Plasma TV, 2 VCPs, Audio/video CDs, Teaching models and charts have been added to the list of equipment. As part of improving the facilities a Language Lab, Seminar Hall, Edusat Hall and IT supported spacious library has been constructed. IQAC promotes quality enhancement, to keep abreast of the latest innovations and concepts in teaching and learning. Seminars and workshops are organized periodically to get the faculty and students exposed to the recent

trends. Faculty members have the provision for availing FDP under UGC for undertaking research degree. A total of ten faculty members have availed this facility in the last plan period. Teachers are given opportunity to attend seminars, workshops and conferences organized by universities, organizations and other institutions. Participation of faculty in orientation and refresher courses conducted by academic staff colleges of different universities is also promoted. As a reflection of the social as well as academic commitment, faculty members are encouraged to undertake research projects and publish their findings as research papers and articles. Above all, teachers are motivated to be resource persons within and outside the institution. Opportunity for interaction with external experts is also utilised whenever possible.

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

The new Choice Based Credit and Semester System introduced in colleges calls for shifting learning from a teacher-centric to a student-centric platform. The reforms carried out in the curriculum, particularly the grading and the evaluation criteria are highly transparent in nature. The course-wise assignments, seminars, presentations, research-oriented projects etc. help to promote interactive learning, collaborative learning and independent learning among students. The re-structured model of question papers demands wider and deeper knowledge of the subject and its application in practical life in turn leads to self-learning and self-improvement among students.

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?

Creative thinking and writing skills of students are improved through encouraging them to design and contribute articles in manuscript magazines and college magazines. Students are also encouraged to produce documentaries and short films to develop their creative talents. Participation in NSS, and various clubs like Nature Club, Science Club and Literary Club boost their team working skills, self-esteem, and individuality. Science subjects offer practical classes which promote learning through, dissections and activities. All the students of VI semester undertake projects in the core course as part of their UG

programme. The institution provides EDUSAT facility and INFLIBNET facility to all students to gather up-to-date information and to cope with the modern technology.

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

The college is equipped with overhead projectors, interactive boards, LCD projectors and the entire faculty members and students have access to broadband internet. All the departments and library have broad band internet facility. The faculty members make use of this facility to update their knowledge, improve teaching using power point presentations and visuals. Interactive board available in the PG departments is put to optimum use for effective teaching. Every department and lab is furnished with scanners and printers which can be easily accessed by the faculty members.

The faculty members in the institution use both non-projected aids like blackboard/ white board and electronic teaching aids to ensure effective learning experience for students. Through the use of illustrations, interactive boards, simulation software and power point presentations the process of teaching-learning is made more interesting and effective. The setting up of a Language Laboratory and Edusat Centre has helped the students to keep pace with modern technology in the teaching-learning process.

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

- The students are kept abreast of the latest knowledge supported by newspapers, journals, e-journals, magazines, and books available in the library.
- Guest lectures, seminars, symposiums etc. on topics dealing with the recent development in the concerned subject are conducted.
- Students attend seminars, workshops and conferences on current topics in the core subjects.
- Teachers present and publish research papers in academic seminars.
- Teachers are encouraged to do minor/ major projects and research.

- The students are encouraged to participate in competitions conducted by various educational institutions.
- The teachers make use of the internet facilities in their home and in the departments. They collect and provide the updated information in their subjects to the students.
- To improve their professional skills and to keep themselves updated with the recent trends in their respective subjects the faculty attends Seminars /Workshops/ Conferences/Refresher/ Orientation courses.
- The participation list of faculty in various Seminars/ Conference/ Workshops is given in the following table(details is shown as **Appendix 1** at the end of this criterion)

Sl. No.	Department	Nos
1.	Biotechnology	16
2.	Chemistry	83
3.	Commerce	219
4.	Economics	95
5.	Physics	114
6.	Statistics	65
7.	English	61
8.	History	7
9.	Malayalam	6
10.	Sanskrit	7
11.	Tamil	24
12.	Botany	13
13.	Politics	2
14.	Maths	12
15.	Hindi	3

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

Innovative methods in teaching are being used in the college for the past few years. Visuals, power point presentations and student - centered approaches are extensively used as the college is well aware of the rapid changes in the field of higher education and research, and the college has been taking efforts to keep pace with the innovative teaching-learning practices. The following are a few of the measures adopted:

- ❖ Student - centered approaches like seminar presentations, project works, debates, discussions, role taking, quizzes, dramatization, group discussions, and peer assessment.
- ❖ The faculty members have changed from using conventional blackboards to interactive smart boards for teaching.
- ❖ The faculty members effectively utilize the internet and Inlibnet facility for data collection, preparation of notes and for enhancing the student participation in learning.
- ❖ The students are trained and motivated to make seminar presentations with the help of ICT.
- ❖ Students are encouraged to submit their assignments online so that the use of paper can be reduced.
- ❖ Hands-on learning is encouraged through field visits, industrial visits and project works.
- ❖ Students are motivated to access digital learning materials and e-books for data collection.
- ❖ The faculty members are given full freedom in adopting their own effective approach in transacting the curriculum.

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

Use of the library and the digital resources and books are highly encouraged by the faculty to promote enquiry based and project based learning. The college has a spacious library with a good number of books, journals and periodicals in various disciplines.

Recent and authentic books are available in the Reference section of the library. The students can access books, newspapers, journals and magazines from the library, and if required can photocopy the materials. New editions are added regularly and the library stock is updated with current volumes. Students are issued books from the library for the preparation of seminars, assignments and project works.

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

The institution hardly faces any challenge from within, except during times of teacher participation in centralized valuation, orientation and refresher programmes. Often challenges appear in the form of hartals, bus strikes etc. Loss of working days due to any reason is compensated by additional classes on Saturdays or outside the regular working hours.

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

The IQAC monitors the successful coverage of the syllabus through the semester plan submitted by individual teachers at the beginning of each semester. Teaching - learning is also monitored by the heads of departments. The faculty members themselves are encouraged to collect the feedback of students to better the teaching learning practice. The Heads of the Departments assure that all the required teaching and work in connection with internal assessments are done in time. Faculty members are also advised to improve teaching strategies based on the result analysis of the concerned papers. The heads of the departments assure that the teachers maintain work diaries. Periodic evaluation is conducted through class tests. Personal and informal feedback or suggestions from students and parents are also taken into account towards improvement in teaching-learning.

2.4 Teacher Quality

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

The permanent faculty members of the college are appointed by the Kerala Public Service Commission as per the norms prescribed by UGC and the Government of Kerala. Temporary faculty members like FDP substitutes and Guest teachers are appointed by a Selection Committee consisting of the Principal, Vice Principal and the Heads of the Department, by interviewing candidates included in the repository of eligible candidates supplied by the Director of Collegiate Education, Government of Kerala. The visiting faculty at Centre for Adult Continuing Education and Extension and the Scholar Support Programme is selected by the coordinator depending on the skills and abilities of the faculty to handle the career oriented programme.

**Table 2.5:
Teacher Qualification**

Highest Qualification	Associate Professor		Assistant Professor		Total	
	Male	Female	Male	Female	Male	Female
PhD	4	2	12	4	16	6
M.Phil	0	2	4	6	4	8
P.G	1	0	4	9	5	9
Total	5	4	20	19	25	23

**Table 2.6:
Teacher Qualification (FDP Substitute)**

Highest Qualification	Associate Professor		Assistant Professor		Total	
	Male	Female	Male	Female	Male	Female
PhD	-	-	-	-	-	-
M.Phil	-	-	-	-	-	-
P.G	-	-	2	3	2	3
Total	-	-	2	3	2	3

Table 2.7:
Teacher Qualification (Temporary faculty)

Highest Qualification	Associate Professor		Assistant Professor		Total	
	Male	Female	Male	Female	Male	Female
PhD	-	-	-	2	-	2
M.Phil	-	-	-	1	-	1
P.G	-	-	1	1	1	1
Total	-	-	1	4	1	4

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

The college invites experts to engage classes in modern areas of study. Faculty members are deputed to attend Orientation and Refresher courses, workshops and other training programmes in emerging areas like Bio-informatics, IT Biotechnology etc. Seminars and workshops are also organized at regional and state level for gaining expertise in the new areas. The college does not keep away from the emerging areas or disciplines; instead, the faculty members are encouraged and supported to attain knowledge of new areas. Majority of our faculty members have participated in the IT Oriented Programmes and trainings.

Table 2.8:
List of expert lectures arranged to handle modern areas of study

Sl.No.	Name & Designation of Resource Person	Area /topic handled	Date
1	Dr. Debashree Dutta Ray, Department of Comparative Literature, University of Jadavpur, Kolkata	Invited Lecture on <i>Landscapes of the Mind: A Journey through Canadian Literature.</i>	4 th Feb 2016
2	Prof. K. G. Radhakrishnan, Retd. Deputy Director of Collegiate Education in Kerala	P. B. Shelley's "Ode to the West Wind"	29 Feb 2016
3	Prof. S. Vinayakumar, Retd. Head of the Department of English	Lecture on Literary Theory	5 th Dec 2014

4	Prof. K. G. Radhakrishnan, Retd Deputy Director of Collegiate Education in Kerala	Ralph Waldo Emerson's "Self Reliance"	17 th Jan 2015
5	Prof. S. Vinayakumar, Retd Head of the Department of English	T. S. Eliot's <i>The Waste Land</i>	18 th Jun 2015
6	Dr. Biju V, HoD, Dept. of Physics, University of Kerala	Nano technology	15 th , March 2013.
7	Dr. Nisha N G, Asst. Director, (Ballistic), Forensic Science Dept., Kerala	Forensic Science	2 March, 2014
8	Dr. TarunkumarPanth, Scientist, VSSC	Space Weather	8 th Feb, 2016
9	Dr. Ishwara Chandra I, Reader, TATA Institute of Fundamental Research, Pune	Radio Astronomy	12, Feb, 2014
10	Dr. G M Nair, Senior Advisor, IUCG & GT, Dept. of Biotechnology, University of Kerala	Molecular Taxonomy	6 th Feb, 2015
11	Dr. K K Sabu, Scientist, JNTBGRI, Palod, Trivandrum	DNA Barcoding	6 th Feb, 2015
12	Dr. Y Shibu Vardhanan, Associate Professor of Zoology, University of Calicut	Insect Taxonomy	6 th Feb, 2015
13	Dr. C Mohan Kumar, Director, SCMS Institute of Bioscience, Cochin	Bio Fuels	19 th feb 2016
14	Dr. Rajeev Sukumaran, Senior scientist, Biofuels and bio refineries Section, NIIST (CSIR) Trivandrum	Ethanol Production from biomass	19 th feb 2016
15	Dr. K M Jagathnath Krishna, Scientist, CSIR-CLRI, Chennai	Applications of Statistics in Biology	16 th January, 2015
16	Sri. M Somasekharan Pillai, Associate Professor of Statistics, University College, Thiruvanthapuram	Survey and Analytical Methods in Election Studies	15 th December, 2015
17	Dr. M A Lal, Assistant Professor of Political Science, Government	Survey and Analytical Methods in Election Studies	15 th December, 2015

	College, Nedumangad		
18	Dr. E I Abdul Sathar, Assistant Professor of Statistics, University of Kerala	Statistical Computing using 'R'	26 th Feb, 2016
19	Sri. Nithin Mani, Lead Data Scientist, Capital One Services (India) Pvt. Ltd, Bengaluru.	Statistical Computing using 'R'	27 th Feb, 2016

Table 2.9:***List of faculty deputed for seminar/workshop on emerging areas***

The table 2.9 is attached at the end of criterion II

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

a) Nomination to staff development programme

Table 2.10: Academic Staff Development Programme

Academic Staff Development Programme	Number of faculty nominated
Refresher courses	10
HRD programme	3
Orientation programme	18
Staff training conducted by the university	35
Staff training conducted by other institutions	4
Summer/winter schools, workshops, etc.	7

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

Teaching learning methods/approaches

- A training programme was conducted to familiarize the teachers to use the interactive boards.
- Training was given to staff and students familiarizing them on INFLIBNET.

Handling new curriculum

- A workshop was conducted by Kerala University on effective implementation of Choice Based Credit and Semester System (CBCSS) in 2011.

Content/knowledge management

National Seminars and workshops, and special invited talks were organised by all the departments of Commerce, Economics, English, Statistics, Chemistry, Physics and Biotechnology.

Selection, development and use of enrichment materials

- The college hosts EDUSAT facility which enriches our know-how on different subjects.
- The college subscribes to a number of journals related to different disciplines.
- We have access to inflibnet and it helps us to gather information as required.
- The college union publishes college magazines every year.

Assessment

- The faculty members attend the training programmes conducted by the university on Evaluation and Assessment of newly introduced CBCSS system and its present regulations.

Cross cutting issues

- All the faculty members have received training and guidance on CBCSS with regard to the details such as credit, grade, courses, programme and the system for offering open courses.

Audio Visual Aids/multimedia

- All faculty members receive training in handling interactive smart boards and related accessories to enhance teaching strategies.

OER's

- The college provides access to Infilbnet facility.
- All departments have collections of digital texts and journals.
- The college hosts EDUSAT facility.

- Local radio networks and television channels are used as sources of information.

Teaching learning material development, selection and use

- Teachers are trained to explore the internet sources and to create Power Point Presentations.
- Teachers and students are encouraged to access information from INFLIBNET, EDUSAT and web resources.

c) Percentage of faculty members

Invited as resource persons in Workshops / Seminars / Conferences organized by external professional agencies

15 percent

Participated in external Workshops / Seminars / Conferences recognized by national/ international professional bodies

100 percent (on rotation basis)

Presented papers in Workshops / Seminars / Conferences conducted or recognized by professional agencies

40 percent

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

Teachers are encouraged to do research in the related disciplines. Majority of the teachers of our college are actively involved in research. A research committee is constituted in the College to guide the teachers to initiate research activities. At present six teachers are doing Minor Research Project of the UGC. Two teachers have completed the Minor Research Project of the UGC. During the last plan period, 4 teachers have availed FDP of the UGC. During the 12th plan period, four teachers have availed the FDP of UGC. Teachers are also encouraged to publish articles in research and academic publications. There is no provision for providing research grants and study leave to promote research. But the teachers can use the library and laboratory facilities of the college for doing their research.

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

The institution provides autonomy and support to faculty members with outstanding and excellent performance in teaching and research. The contributions given by such members are strongly recognised and motivated.

- In 2013-14 Dr. Nimi, Faculty from the Department of Commerce was selected for the FLAIR International Internship to UK.
- Smt. Rajani R Nair, Assistant Professor of Commerce was selected as for the FLAIR National Internship in 2014-15; she visited IIT Chennai as part of the programme.
- In the year 2015-16, Dr. Vishnu V S, Assistant Professor of Chemistry was selected for the International Internship to the UK. He visited the Nottingham Trent University as part of the programme.
- Dr. Alan Sheeja D B, Assistant Professor of Chemistry was the recipient of the Prof. Dr A. Hisham Endowment Award-2015 instituted by the Kerala Academy of Sciences presented during the International Symposium of Phytochemistry (ISP-2015).

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

The faculty members themselves collect the feedback of students to better the teaching learning practice. The IQAC also regularly takes feedback from the students at the end of each semester through specially designed questionnaire, and the data thus received is reviewed by the faculty members concerned and the required alterations in teaching strategies and methods are effected in the subsequent semesters. The Head of the institution collects the feedback on teachers from external peers visiting the institution as examiners of practical examinations. Their suggestions are passed to the faculty members for improvement of teaching. The procedure facilitates the teaching -learning process.

2.5 Evaluation Process and Reforms

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

The evaluation processes followed by the college is mainly based on the pattern implemented by the University of Kerala. Whenever a new pattern is introduced, the College deputed one or two faculty members to attend workshops and similar programmes organised by the university. Training programme on new methods of evaluation are also organised in the institution by inviting experts in the field. Faculty members are also encouraged to attend centralized valuation camps and all examiners' Board meeting for practical exams arranged by the University in the end of the semester examinations.

The detailed process of evaluation is communicated to the students at the beginning of the programme and course by the subject teacher concerned and class tutor. The same is also displayed on the department notice board. The previous university examination question papers and model papers are made available to the students in the department. The students are informed of class tests and assignments and their scores are displayed on the notice boards of the respective departments. Students are also informed of the schemes of evaluation, updates on curriculum revision, alterations in the question patterns and do's and don'ts during practical examinations. Model examinations are conducted before the university semester examinations to prepare students to face the examinations with confidence.

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

The University of Kerala to which the College is affiliated has introduced the **Choice Based Credit and Semester System (CBCSS)** at the UG level with effect from the academic year 2010-11. The University introduced the **Grading System** also as the method of evaluation at the degree level. It is a continuous evaluation process which includes both external and internal assessments. Both CE (Continuous Evaluation) and ESE (End Semester Evaluation) will be carried out using **Direct Grading System** on a 5-point scale:

Table 2.12: Percentage of Marks and Grades

Letter Grade	Performance	Grade Points	Grade Range
A	Excellent	4	3.50 to 4.00
B	Very Good	3	2.50 to 3.49
C	Good	2	1.50 to 2.49
D	Average	1	0.50 to 1.49
E	Below Average	0	0.00 to 0.49

After the successful completion of a Semester, SGPA (Semester Grade Point Average) of a student shall be calculated. Cumulative grade point average (CGPA) is calculated by dividing the sum of the credit points in all courses for the entire programme by the total number of credits. An overall letter grade for the whole programme shall be awarded based on the value of CGPA. Using a 7-point scale as CGPA between 3.80 – 4.00 is A+; 3.50 – 3.79 is A; 3.00 – 3.49 is B+ ; 2.50 – 2.99 is B ; 2.00 – 2.49 is C+ ; 1.50 – 1.99 is C ; Less than 1.5 is D. For the successful completion of a programme and award of the degree, a student must pass all courses satisfying the minimum credit requirements and must score a minimum CGPA of 2.00 or an overall grade of C+.

But from 2013 admission onwards the University of Kerala has notified new regulations for evaluation of Choice Based Credit and Semester System. The **direct grading system** was replaced with **indirect grading system** for both Continuous and End Semester Examinations. The CE and ESE ratio shall be 1:4 for both the courses with or without practical. There shall be a maximum of 80 marks for ESE and maximum of 20 marks for CE. For all courses (theory and practical), Grades are given on a 7-point scale based on the total percentage of mark (CE + ESE) as given below:

Table 2.13: Percentage of Marks and Grades

Percentage of marks	CCPA	Letter Grade
90 and above	9 and above	A+ (Outstanding)
80 to < 90	8 to <9	A (Excellent)
70 to <80	7 to <8	B (Very Good)
60 to < 70	6 to <7	C (Good)
50 to < 60	5 to <6	D (Satisfactory)
40 to < 50	4 to <5	E (Adequate)
Below 40	<4	F (Failed)

The institution has adopted these reforms and follows the system meticulously. In the internal assessments, weighted grade points or marks are awarded for attendance, class test, assignment, seminar, performance in the laboratory, record work, project work, etc. The process of tabulation of marks is computerized, and displayed on the notice boards of the respective departments. Complaints if any are examined by the Students' Grievance Redressal Cell and recommendations are made to the concerned departments for rectification if required before forwarding it 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?

At the commencement of the academic year, the institution announces tentative dates for the internal class tests and conduct examinations in a centralised mode for each semester. It also ensures the publication of grade points and grades in the stipulated time.

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

Setting of question papers, valuation of answer books and publication of results are carried out by the University. University is the sole authority for the implementation of reforms in examination and evaluation. Individual colleges do not have a direct role in this regard, except for the presence of the faculty in academic bodies. External examinations for all semesters are conducted as per the schedule of the University. Question papers and answer sheets for the same are issued by the University for which the college shall be accountable in terms of confidentiality and the numbers issued. The college has an examination section with Principal as the Chief Superintendent of Examinations, a senior teacher in charge of the papers concerned as additional superintendent, a clerk and supporting staff for the smooth running of the schedule. The co-operation of all the faculty members is also ensured in the process.

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

As a part of the formative evaluation, internal assessment grade points and grade are given to the students based on presentation of seminar, attendance, project, assignment and written tests (objective and descriptive) as prescribed by the university. Provision for re-test is allowed for the students under genuine grounds. Conduct of two internal examinations in the centralized manner ensures the uniformity and transparency of the examination system.

Summative evaluation is through examinations conducted at the end of each semester by the university in both theory and practical courses. The announcement of dates for the seminars and assignments at the beginning of each semester helps the students to plan and prepare effectively and there by regularity and punctuality of the students are monitored. Since the topics are given in advance, the students get enough time for preparation, doubt clearance and interaction with faculty and peers, thereby promoting enquiry based learning. Project based learning by grouping the students ensure group learning and research skill development. Presentation skills of the students are enhanced by seminar topics in each course where the teacher in charge monitors the communication skill, content, presentation of the topic, use of teaching aids etc. and makes necessary corrections at the end. In this way communication skills and teaching ability of the students are improved in successive semesters.

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

The college has a fair and transparent internal assessment system. Grade point and grades obtained in each course is displayed on the concerned department notice board at the end of every semester. The result is analysed by the individual teachers and the students are encouraged and helped to improve themselves. Semester wise result analysis is done by the class tutor concerned and is communicated to the parents.

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

The college endeavours to prepare its students to fulfilling careers by enabling them to realise their full potential and by inculcating in them the spirit of intellectual enquiry, independent thinking, self-reliance, leadership, co-operation, expression of cultural talents and social service.

The students are equipped with coherent and extensive knowledge in the discipline and the skills, motivation and confidence to engage in continuous learning to meet the personal, professional and vocational challenges of an ever changing world.

The students are provided better communication skills and computer literacy to be equipped for a tech-savvy and globally connected world. As a result, they will possess the confidence, capability, assurance, independence and enterprise to enable them to fulfill their personal and career aspirations. The students will develop independent learning, critical analysis and creativity. The college enables the students to engage in contemporary social and cultural issues and aspire to make meaningful and helpful contributions to local, national and global communities. They are made aware of the norms of ethical behaviour and are encouraged to act in a socially responsible manner both in the work place and other settings through interactive learning and team work.

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

The college has a Student Grievance Redressal Cell which considers complaints of students regarding the internal grades awarded by the departments. Students are free to submit their complaints, if any, to the Grievances Redressal Cell in the department, consisting of Heads of Departments and senior faculty members. If their complaints are not dealt with satisfactorily in the cell, they can appeal to the College Level Committee. The internal grades are scrutinized by the cell before forwarding to the University. The University also has formed a Student Grievances Cell which considers matters regarding both Continuous Evaluation (CE) grades as well as the grades of End Semester Evaluation (ESE) conducted by the university. It offers an opportunity to the students to get their answer scripts re-evaluated within a stipulated time.

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 institution endeavors to achieve its goal by preparing its students to realize their full potential and by inculcating in them the spirit of intellectual enquiry, independent thinking, self-reliance, leadership, co-operation, expression of cultural talents and social service. The curriculum and the syllabi of the academic programme offered in this college are designed in such a way that these objectives are realized by the successful completion of the programme. These learning outcomes are communicated to the students right from the beginning of the academic programme during the induction ceremony and through the orientation sessions. The stakeholders are made aware of this through the College Handbook, the display boards and the prospectus. Moreover all the activities conducted in the college foster the stated learning outcomes of the institution.

2.6.2 Enumerate on how the institution monitors and communicates the progress and performance of students through the duration of the course/programme? Provide an analysis of the students results/achievements (Programme/ course wise for last four years) and explain the differences if any and patterns of achievement across the programme/ courses offered.

The continuous internal assessment comprising of test papers, assignments and seminars is a bench mark to monitor student performance and progress in academics. In addition to this the conventional methods of eliciting answers by way of daily oral questioning at the beginning of the class, revisions, surprise tests etc. are conducted to ensure student progress. A university model internal assessment, model practical examinations and model viva for the final semester students and model oral examinations for the first semester students are conducted at the end of the semester. The final semester students are obliged to do a research oriented project which is guided and evaluated by a teacher before submitting for external evaluation.

The university results in the various programmes during the last five years are as follows:

Table 2.14: Result analysis from 2011 to 2015

Programme	Year	College (Pass %)	University Topper (Pass %)
UG			
B.Com	2010-11	90	92
	2011-12	95	98
	2012-13	90	100
	2013-14	100	100
	2014 – 15	100	86
B.A. Economics	2010-11	55	76
	2011-12	67	88
	2012-13	67	100
	2013-14	71	98
	2014 - 15	62	70
B. Sc. Physics	2010-11	52	76
	2011-12	83	92
	2012-13	60	81
	2013-14	60	74
	2014 - 15	75	84
B.Sc. Botany & Biotechnology	2010-11	96	96
	2011-12	83	85
	2012-13	96	96
	2013-14	88	89
	2014 - 15	90	92
PG			
M.Com.	2010-11	93	100
	2011-12	100	100
	2012-13	100	100
	2013-14	100	100
	2014 - 15	58	90
M.A. Economics	2010-11	100	100
	2011-12	100	100
	2012-13	100	100
	2013-14	100	100
	2014 - 15	29	90
M.A. English	2010-11	100	100
	2011-12	100	100
	2012-13	100	100
	2013-14	100	100
	2014 - 15	89	100
M.Sc Chemistry	2010-11	94	100

	2011-12	100	100
	2012-13	90	98
	2013-14	90	96
	2014 - 15	89	92
M. Sc Statistics	2013-14	67	72
	2014 - 15	75	77

University Toppers

Table 2.15: University Toppers

#	Name	Subject	PG/UG	Year	Rank
1	Lakshmi P	Statistics	PG	2014	I
2	Lakshmi Krishnan C U	Statistics	PG	2015	III
3	Vivek Renchan	Chemistry	PG	2013	I
4	Jerry Jacob	English	PG	2015	IV

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

The College promotes student centric learning through assignments, projects, seminars, project works and practical sessions, through which the students acquire and develop skill in collecting, processing and presenting relevant data, and also develop skills in communication, co-ordination, planning, management and academic writing. The performance of the teachers is subjected to periodic monitoring by IQAC. Publication of exam calendar at the commencement of each semester helps the students to plan and study the syllabus within the stipulated time. After publishing the first internal examination results, weaker students are identified and provisions for remedial classes during the tutorial hours are made. As part of teaching-learning strategy, the institution provides the students with free internet access, INFLIBNET facility, EDUSAT, and these facilities help the students to collect up-to-date information for learning. The institution encourages field visits, industrial visits and interaction with experts through seminars and workshops, by which the students develop their knowledge, personality and social orientation. Add- on courses to enrich the curriculum teaching and courses to improve communication skills are also conducted in the college.

Exposure for students to interact with students of other colleges are also arranged to familiarize the innovative practices existing outside the institution.

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

The programmes offered in the college equip the students to undertake quality jobs and materialize their career ambitions. The faculty provides information on recruitment processes, higher education institutions, interview techniques, group discussion strategies and quality jobs. The eligible students of the institution have registered with Kerala Public Service Commission (one time registration). The departments periodically display PSC/UPSC and other job notifications so that students can apply for them in time.

The Career Guidance Cell and Placement Cell (UGC funded programme) are functioning in the campus to enhance the career opportunity and skills of the students. Under the Career Guidance Cell, the importance and relevance of career opportunities of each subject is brought to the notice of the students to make them aware of the current trends in their subject on a global basis. Students are provided with career magazines which enable them to equip themselves with the requirements of the current trends in the job market.

Walk with a Scholar Programme (WWS) implemented in the college aims at giving necessary orientation, to prepare students for employment and give them guidance, motivation and mental support. It helps needy students to identify appropriate areas for higher study as well as employment. The programme introduces the idea of mentoring. Mentoring is a personal enhancement strategy through which one person facilitates the development of another by sharing known resources, expertise, values, skills, perspectives, attitudes and proficiencies. It allows the learner to build skills and knowledge while attaining goals for career development.

The active participation of students in national seminars is encouraged to develop their research aptitude. Entrepreneurial club under the guidance of the department of Commerce gives entrepreneurial guidance to the students. Alumni members in reputed posts are also invited to interact with the students for sharing their experience and motivating them to be aspirants of lucrative positions. Opportunity to interact with experts from industries helps the students to know the scope and importance of various subjects. Classroom interactions by the teachers concerned on the practical application of

the course also help in understanding the thrust areas. Industrial visits, study trips, Practicals in various subjects oriented towards social and economic relevance also enhance their aptitude in the subjects. **Additional Skill Acquisition Programme (ASAP)** strengthens the self-confidence and passion about the subject. With increased level of communication and presentation skills acquired from the programme, the students can secure well-paid jobs.

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

The results of the out-going students are sure tools to analyze the learning outcomes of the institution. Academic and Result Review Committees have been constituted to evaluate the teaching-learning process including the university examination results.

The results of internal exams and university results are used as indicators of the student performance. Peer group formation and discussion make the slow learners to improve their study. The class tutors monitor the slow learners to find out the exact reason for their low performance and give necessary suggestions and motivation. If needed, the services of counsellors are made available to them. The class tutors keep track of the performance of each student and communicate to the Head of the department and give necessary help and motivation to ensure the achievement of the desired learning outcomes. We also offer special coaching to the weak students from each course, under the auspices of **Scholar Support Programme (SSP)**.

Interdisciplinary topics are handled by teachers of respective departments to make students understand the topics effectively and to break the monotony. Interdisciplinary projects are also carried out in the fifth semester to widen the knowledge and to make them aware of the relevance of the subjects in other fields as well. Use of internet, virtual class room and student oriented teaching methods are also carried out to make them more involved. The feedbacks collected from the parents and alumni prove as yardsticks to measure the learning outcomes.

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

Students are evaluated on the basis of internal tests, assignments, seminars, presentations and group discussions. Their performance in the external examinations and placement drives are also assessed. The fact that a majority of students proceed to higher studies/ research/ employment is a positive indication of learning outcomes. Students who need extra attention are given tutorial sessions and remedial classes.

Continuous evaluation under CBCSS is useful in ensuring the achievement of learning outcomes of our students. Grades are given on the basis of the achievement of the required skills and abilities. Besides, the exposure provided to the students through various curricular and co-curricular activities on a regular basis ensure that the learning outcomes are achieved in the course of the programme. The results obtained in the semester examinations, higher education enrolment ratio, feedback from industries etc. point towards the achievement of the learning outcomes by our students.

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

Along with the evaluation of output from the academic activities, the evaluation outcomes are more relevant indicator for student performance and achievement of learning objectives and planning. In addition to the summative and formative assessment as part of the learning process, a comprehensive evaluation is also performed by this institution to ensure quality. The evaluation process includes output evaluation and outcome evaluation

a. Output evaluation

(i). HoD's weekly review: The HoDs review the progress of teaching and learning activities on weekly basis and submit weekly work load statement to the Principal.

(ii). Weekly Work load Statement: The Principal collects the weekly workload of the department from the Heads of the department to assess the teaching learning process and necessary corrective and preventive measures are suggested to the concerned departments to make them more accountable.

(iii). Result Review by College Level Monitoring Committees (CLMC): CLMC have been constituted to review the academic performance of each department immediately after the publication of university results.

(iv). Usage of Facility Analysis

Internet and INFLIBNET facilities, EDUSAT facility, Language lab, facilities for copying and other reprographic services and good academic ambience are the strengths of the institution. The different committees constituted for coordinating the activities and usage of facilities shall verify the usage of facilities by the stake holders and report the monthly progress to the principal during the monthly review meeting.

b. Outcome evaluation

(i). House visit: The class tutors make visits to the houses of those students who are irregular in class and show lack of interest in academics. Parents and their ward are counselled and personal problems including family problems are discussed during the visit. The students are found to show marked improvement in their studies and attendance after the visits.

(ii). Open House: To review the performance of students, open house is conducted after internal assessment to make the learning process more effective. The rapport between the parents and teachers during open houses helps in enhancing positive changes in the student's behavior and performance.

(iii). Students succession and career advancement assessment

With the help of the Alumni, an informal assessment of the progress of our students in academic and labour market is also carried out with the career development and counselling cell in this institution. The open discussion with the alumni members and teachers, give insights to the teachers about the employability skills required of the students to excel in the labour market.

Majority of the faculty members are engaged in research projects and research leading to PhD either on FDP or on part time basis. The academic excellence of the institution is enriched through the support of the UGC, PTA and alumni through their combined efforts. The institution takes great responsibility to ensure better quality education through high profile faculty and also by providing the necessary amenities.

Details of Participation in PEECS/ EDUSAT/ seminars/ conferences/ workshops/ All India Radio/ TV/promotion of gifted children etc.

Seminar/Workshop Coordination				
#	Topic	Venue	Funding agency	Year & Duration
DEPARTMENT OF BIOTECHNOLOGY				
Ramya R Prabhu, Assistant Professor of Biotechnology				
1	DNA Barcoding- A Rosetta stone to understand biodiversity	Govt Arts College	Department of Collegiate Education, Kerala	One Day 6-2-2015
DEPARTMENT OF CHEMISTRY				
Dr. D. Santhosh Kumar, Assistant Professor of Chemistry				
1	Modern Techniques in Analytical Chemistry	Govt. Arts College, Tvpm	Department of Collegiate Education, Kerala	January 2009, Two Days
Dr. Alan Sheeja D B, Assistant Professor of Chemistry				
1	Organised and participated in one day seminar on “Chemistry – in everyday life and recent research”	Department of Chemistry, Govt. College, Kasaragod	Local	5 Feb, 2013
2	Organised and participated in the two days national seminar on “Recent Progresses in Chemistry”	Dept. of Chemistry, Govt. College, Kasaragod	Department of Collegiate Education, Kerala	7-8 Oct, 2013
Dr. Vishnu V S, Assistant Professor of Chemistry				
1	Organised and participated in the two days national seminar on “Transcending Areas in Chemistry”	Govt. Arts College, Tvpm	Department of Collegiate Education, Kerala	14 th – 15 th March 2016
DEPARTMENT OF COMMERCE				
Dr. K.K. Damodaran, Associate Professor of Commerce				
1.	Recent Trends in Capital Market	Govt. College, Perinthalmanna	Department of Collegiate Education, Kerala	2007 Two day
Dr. V S Joy, Associate Professor of Commerce				
1.	National Seminar on “The role of Virtual Universities and the untapped areas of development of Kerala”	NMSM Govt. College, Kalpetta.	Department of Collegiate Education, Kerala	2005, 3 days
2.	National Seminar on Corporate Governance	Government College, Attingal	Department of Collegiate Education, Kerala	2008, 2 days
3.	Workshop on Research Methodology	Government College, Attingal	Department of Collegiate Education, Kerala	2013, 1 day
4.	National Seminar on Customised Banking	Government Arts College, TVM	Department of Collegiate	2015, 2 days

			Education, Kerala	
Dr. T Subash, Associate Professor of Commerce				
1	Value Added Tax	KNM Govt. College, Kanjiramkulam	UGC	2008 , 2 days
Dr. Biju S K, Assistant Professor of Commerce				
1.	Service sector and Indian Economy	Govt. Arts college, Tvm	Department of Collegiate Education, Kerala	2016 , 2 days
Dr. Gracious J, Assistant Professor of Commerce				
1.	Rural E Commerce in India: Emerging Trends and Challenges	Government Arts College, Thiruvananthapuram	Department of Collegiate Education, Kerala	March 15 th and 16 th 2012, Two Days
Rejani R Nair, Assistant Professor of Commerce				
1.	“India’s Emerging Economy- Prospects and Challenges”	Govt. College Nedumangad, Trivandrum	Department of Collegiate Education, Kerala	6 th & 7 th November 2013
DEPARTMENT OF ECONOMICS				
Dr. G L Arunjilal, Associate Professor of Economics				
1	IDO- ASEAN FTA- Challenges and Opportunities	Govt. Arts college, Thiruvananthapuram	Department of Collegiate Education, Kerala	02 days 2009
Dr Abin T Mathews, Assistant Professor of Economics				
1	Course on Research Methodology	Govt Arts College	Department of Collegiate Education, Kerala	2012, 7 days
2	Union Budget Analysis	Govt Arts College	Department of Collegiate Education, Kerala	2012, half day
3	World Development Report	Govt Guest House, Thycad	Kerala Economic Association	2015, one day
4	Labour Market in Transition; Issues and Implications	Govt Arts College	Department of Collegiate Education, Kerala	2016, two days
Prathibha H, Assistant Professor of Economics				
1	National Seminar on Subsidies in India : Issues & Implications	Dept. of Economics, Govt. ARts College, Thycad.	Department of Collegiate Education, Kerala	30th January 2013
Rejith R L, Assistant Professor of Economics				
1.	Indian Democracy Way forward	Maharajas College, Ernakulam	Institute of Parliamentary Affairs, Govt. Of	2014, 2 days

			Kerala	
2.	Migrant Workers in Kerala	Maharajas College, Ernakulam	Department of Collegiate Education, Kerala	2016, 2 days
DEPARTMENT OF PHYSICS				
<i>Biji M S, Assistant Professor of Physics</i>				
1.	National Seminar on Space Physics & Quantum Mechanics	Dept. of Physics, Govt Arts College	Department of Collegiate Education, Kerala	18&19 Feb. 2016
2.	Ozone 2014	Dept. of Physics, Govt Arts College	KSCSTE	25 September 2014
3.	Bhauthik	Dept. of Physics, Govt Arts College	Department of Collegiate Education, Kerala	13th& 14th December 2012
4.	Nakshathra 2011	Dept. of Physics, Govt Arts College	Department of Collegiate Education, Kerala	20-21 December 2011
<i>Dr. Prince P R, Assistant Professor of Physics</i>				
1.	Ozone & Ultraviolet	Dept. of Physics, Govt Arts College	KSCSTE	13 th October 2015
2.	Water Resource Management	Dept. of Physics, Govt Arts College	UGC	13 th November 2015
3.	National Seminar on Advances in Physics-NAP-2015	Dept. of Physics, Govt Arts College	Department of Collegiate Education, Kerala	4th & 5th February 2015
4.	National Seminar on Fundamental and applied Physics-NFAP-2013	Dept. of Physics, Govt Arts College	Department of Collegiate Education, Kerala	December 2013
5.	Atmosphere we live	Dept. of Physics, Govt Arts College	KSCSTE	September 2013
DEPARTMENT OF STATISTICS				
<i>Sreekumar N V, Assistant Professor of Statistics</i>				
1	One day Lecture Series on Applications of Statistics in Biology	Govt. Arts College, Thiruvananthapuram	Department of Collegiate Education, Kerala	One Day 16-01-2015
2	Two day National Workshop on Statistical Computing Using R	Govt. Arts College, Thiruvananthapuram	Department of Collegiate Education, Kerala	Two days, 26-02-2016 to 27-02-2016

Dr. Vineshkumar V, Assistant Professor of Statistics				
1.	Lecture series on “Survey and Analytical Methods in Election Studies”	Govt Arts College	Department of Collegiate Education, Kerala	15.12.2015
GENERAL DEPARTMENTS				
Kumari Vanaja N B, Associate Professor of History				
1.	Kerala History and Culture (Paithrikam)	Government Arts College	Department of Collegiate Education, Kerala	2012, 1Day
Daliya S, Assistant Professor of Malayalam				
1.	Malayalam translations of Sanskrit dramas	Govt. Arts college. Trivandrum	Department of Collegiate Education, Kerala	11 th December 2015
Dr. Priya L, Assistant Professor of Sanskrit				
1.	Malayalam translations of Sanskrit dramas	Govt. Arts college. Trivandrum	Department of Collegiate Education, Kerala	11 th December 2015
2.	Influence of Sanskrit on Malayalam Language and literature	Govt. Arts College Trivandrum	Department of Collegiate Education, Kerala	27 th & 28 th of February 2013
Dr. Benady K, Assistant Professor of Tamil				
1.	Curriculum Design for Tamil(UG)	Govt Arts College, Palakkad.	Dept. of Collegiate Education	2009 (5days)
2.	PG Tamil (CUCSS) Programme	Govt Arts College, Palakkad.	Dept. of Collegiate Education	2010 (2 days)
3.	Feminism modern literature	Govt Arts College, Trivandrum.	Dept. of Collegiate Education	2012 (1day)
4.	Tamil Literature on Critical Appreciation	Govt Arts College, Trivandrum.	Dept. of Collegiate Education	2013 (1 day)
5.	Aesthetic Aspects of Modern Literature in Tamil	Govt Arts College, Trivandrum.	Dept. of Collegiate Education	2015 (1day)

Participation in Seminar/Workshop as Resource Person					
#	Organised by	Venue	Title/Area	Session Handled	Year & Duration
DEPARTMENT OF COMMERCE					
Dr. K.K. Damodaran, Associate Professor of Commerce					
1.	UGC ASC	ASC Kerala	Recent Trends in Retailing	Recent Trends in Retailing	05-06-2007
2.	UGC ASC	ASC Kerala	FDI in Higher Education	FDI in Higher Education	06-05-2008
Dr. V S Joy, Associate Professor of Commerce					
1.	CACEE, University of Kerala	University of Kerala	International workshop on “Designing Curriculum Framework for International Diploma in Educational Planning and Administration”	Design the curriculum on Accounts Preparation and Maintenance	2006, 2 days
2.	University of Kerala & Higher Education Council, Kerala	Govt. Arts College, Thiruvananthapuram	Workshop on Curriculum design in connection with the restructuring of Undergraduate Courses in Commerce	Design the Curriculum of IT related Courses in Commerce	2009, 5 days
3.	University of Kerala & Higher Education Council, Kerala	University of Kerala	Workshop on Curriculum design in connection with the restructuring of Career related Courses in Commerce	Design the Curriculum of IT related Courses in Commerce	2009, 5 days
4.	University of Kerala & Higher Education Council, Kerala	Govt. Arts College, Thiruvananthapuram	Workshop on Designing Model Question Papers for the B.Com Degree Programme under CBCSS	Designing Model Question Paper of IT related Courses in Commerce	2009, 2 days
5.	University of Kerala & Higher Education Council, Kerala	University of Kerala	Workshop on Designing Model Question	Designing Model Question Paper of IT related Courses in	2010, 2 days

	Council, Kerala		Papers for the Career related B.Com Degree Programme under CBCSS	Commerce	
6.	Sanskrit University & Higher Education Council, Kerala	Sanskrit University, Kalady	Orientation Programme in General Informatics	Handled 4 sessions	2011, 2 days
7.	Informatics Centre, St. Michaels College, Cherthala & Higher Education Council, Kerala	St. Michaels College, Cherthala	Orientation Programme in General Informatics	Handled 2 sessions	2011, 1 day
8.	Department of Commerce, Govt. College, Mananthavady	Govt. College, Mananthavady	National Seminar on Agriculture Sector Under Economic Reforms and Management of Agricultural Credit	Chaired Paper Presentation Session	2012, 1 day
9.	Department of Commerce, Govt. College, Nedumangad	Government College, Nedumangad	National Seminar on Business Ethics and Indian Corporate	Chaired Paper Presentation Session	2012, 1 day
10.	Department of Commerce and Management Studies, Sri. C Achutha Menon Govt. College, Thrissur	Sri. C Achutha Menon Govt. College, Thrissur	National Seminar on Business Strategies in Globalised World	Chaired Paper Presentation Session	2013, 1 day
11.	Department of Commerce, Govt. College, Mananthavady	Govt. College, Mananthavady	National Seminar on Rural Tourism	Handled one session on “impact of tourism on Wayanad”	2014, 1 day
12.	Department of Commerce, Govt. College, Attingal	Govt. College, Attingal	National Seminar on Tourism	Chaired Paper Presentation Session	2014, 1 day
13.	Department of Commerce, Govt. College, Attingal	Govt. College, Attingal	National Seminar on IFRS	Handled one Technical session on “Accounts Preparation compliance with IFRS”	2015, 1 day

Dr. T Subash, Associate Professor of Commerce					
1.	Department of Management Studies,	Carmel Engineering College	International Financial Reporting Standards – Benefits & Challenges to the Globalized Economy of India	International Financial Reporting Standards – Challenges	28-29 October 2011.
2.	Department of Commerce	NMSM Govt. College, Kalpetta	E - Education and Virtual Universities and Untapped areas for of Kerala	E –Education-Potential for Economic Development	14-16 December, 2005.
3.	Department of Commerce	Govt. College, Attingal	Corporate Governance	Corporate Governance	1-2 February, 2007.
4.	Department of Commerce	NSS College, Manjeri	Recent Trends in Merchant Banking and Financial Services	Introduction to Merchant Banking	7-9 August, 2007
5.	Department of Commerce	Christian College, Kattakkada,	Opportunities and Threats of GST in the Globalized Era	Problems and Prospects of GST	26-27 June 2009
6.	Department of Commerce	The Cochin College, Kochi	Special Economic Zones and Economic Development: Opportunities and Challenges	Chaired	15-16 September 2010
7.	Department of Commerce	The Cochin College, Kochi,	Research Methodology (SPSS) in Commerce and Management	Research Methodology in Social Science	10-11 December 2010.
8.	Kerala State Higher Education Council	University of Kerala,	Designing Model Question Papers for the B.Com Degree Programme under CBCSS	Designing Model Question Papers for the B.Com Degree Programme under CBCSS	25 & 30 November 2009
9.	Department of Economics	KNM Govt. College, Kanjiramkulam,	Kerala Economy: Issues, Challenges and Prospects	Chaired - Kerala Economy: Issues, Challenges and Prospects	5-6 February 2013
10.	Department of Commerce	Shri Achuthamenon Govt. College, Thrissur,	Banking Divergence – Challenges and Solutions	Banking Sector–Challenges	21-22 February 2012.

11.	Department of Economics	Govt. Arts College, Thiruvananthapuram,	Kerala's Finances: Emerging Issues	Sources of Capital in Kerala- Critical evaluation	15 February 2012
12.	Department of Commerce	The Cochin College, Kochi,	National Conference of Researchers	Application of SPSS	28-29 September 2012
13.	Department of Commerce	Govt. College, Nedumangad,	Business Ethics and Indian Corporates	Ethics in Tourism	16-17 February 2012.
14.	Department of Commerce	Govt. College, Mananthavady	Agriculture Sector under Economic Reforms and Management of Agricultural Credit	Agriculture Sector under Economic Reforms and Management of Agricultural Credit	1-2 February 2012
15.	Department of Commerce	KNM Govt. College, Kanjiramkulam,	Financial Inclusion for Inclusive Growth – A Myth or Reality	Chair; Financial Inclusion for Inclusive Growth – A Myth or Reality	19-20 January 2012
16.	Department of Commerce	Shri C Achuthamenon Govt. College, Thrissur,	Business Strategies in Globalized World	Business Strategies in India	3-4 January 2013
17.	Department of Commerce	KNM Govt. College, Kanjiramkulam (UGC Sponsored)	Value Added Tax and its Impact on Consumer	Value Added Tax and its Impact on Consumer	15-16 July 2008
18.	Indian Chamber of Commerce and Industry, Trivandrum	Indian Chamber of Commerce and Industry, Trivandrum,	Requirement of Industry-Academic Interface	Industry-Academic Interface	18 th September 2012
19.	Indian Chamber of Commerce and Industry, Trivandrum	Indian Chamber of Commerce and Industry, Trivandrum,	Doing Business with the USA, Trade Financing Options and Travel and Visa Procedures,	Doing Business with the USA, Trade Financing Options and Travel and Visa Procedures,	10 th September 2012
20.	Department of Commerce	KNM Govt. College, Kanjiramkulam,	Ethics in social Science Research,	Ethics in social Science Research,	11-12 February 2013
21.	Department of Commerce	Mar Ivanous College, Thiruvananthapuram,	Entrepreneurship Development Through Educational Institutions	Entrepreneurship Development Through Educational Institutions	25-26 October 2013
22.	Department of	Government	Responsible	Responsible	28-29

	Commerce	College Attingal, Thiruvanthapuram	Tourism	Tourism : Possibilities	November 2013
23.	Department of Commerce	Govt. Arts College, Thiruvananthapuram,	Green Marketing	Green Marketing: The way ahead	13 December, 2013
24.	Department of Commerce	KNM Govt. College, Kanjiramkulam,	Entrepreneurial Possibilities in Indian Scenario	Chair: Entrepreneurial Possibilities in Indian Scenario	11-12 February 2014
25.	Department of Commerce	Govt. College for Women, Thiruvananthapuram,	Financial Deepening and Inclusive Growth: Opportunities and Challenges	Financial and Inclusive Growth: in India	19-20 January 2015
26.	Department of Commerce	Govt. Arts College, Thiruvananthapuram,	Service Sector and Indian Economy: Opportunities, Problems and Sustainability Issues	Service Sector: Opportunities, Problems and Sustainability Issues	8-9 January, 2016
27.	Department of Commerce	KNM Govt. Arts College, Kanjiramkulam,	Innovative and Integrated Banking	Innovative and Integrated Banking: Possibilities and Pragmatism	21-22 January 2016
28.	Department of Commerce	Govt. College for Women, Thiruvananthapuram,	Methodology of Research in social Sciences	Methodology of Research in social Sciences	26-27 February 2016

Dr. Biju S K, Assistant Professor of Commerce

1.	Department of Commerce, KNM Govt college, Kanjiramkulam	KNM Govt college, Kanjiramkulam	Ethics in Social Science Research	Ethical Issues in Data Analysis in social Science Research, paper presented on Ethics in social science Research	2013, 2 hrs
2.	Department of Commerce, NMSM Government College, Kalpetta, wayanad	NMSM Government College, Kalpetta	“Contemporary Issues of Research Methodology in Social Science	“Contemporary Issues in Social Science Research”.	25 th and 26 th Nov, 2013 (2 hrs)
3.	Department of Sociology, KNM Government Arts College, Trivandrum	KNM Government Arts College	emerging trends in social science research methodology	“Footnotes and Bibliography”	13 th 14 th Feb 2014 – 11/2hrs

4.	Department of Commerce, KNM Government Arts College, Kanjiramkulam	KNM Government Arts College,	Goods and Service Tax- Perspectives and Pragmatism:	Panel member – Prospects of GST	Feb 6 & 7, 2015 2 hrs
<i>Sunil Kumar V, Assistant Professor of Commerce</i>					
1.	Govt. Arts College Trivandrum	Govt. Guest House, TVPM	Role of Parliament in enacting- Business Laws in the Globalised World	Chaired	2012 March 23&24
2.	Govt. Arts College Trivandrum	Govt. Guest House, TVPM	Government's Role in Awareness Creation on Entrepreneurship among Women in India	Chaired	2013 March 15&16
<i>DEPARTMENT OF ECONOMICS</i>					
<i>Dr. G L Arunjilal, Associate Professor of Economics</i>					
1	Dept. of Commerce, Pavanathma college, Murickassery	Pavanathma college, Murickassery	National Seminar on Cross Border Investments in Emerging Market Economies	FDI inflows to India	2015 -02 days
2	Dept. of Economics, Govt. College Attingal	Govt. College Attingal	National Seminar on Social Sector Development in Kerala: Issues and Concerns	Issues in Public Funding on Education	2015- 02 days
3	Dept. of Economics, University College, Thiruvananthapuram	University College, Thiruvananthapuram	Emerging Issues in Labour Market and Migration	Emerging changes in the labour market	2015-02 days
4	Dept. of Development Economics, Govt. College, Mananthavady	Govt. College, Mananthavady	Outliers and Central Tendency- A Revisit to Kerala Model of	Sustainable Development : Concerns and Alternatives	2016-02 days

			Development.		
5	Dept. of Economics, Sir Syed College, Taliparamba, kannur	Sir Syed college, Taliparamba	Direct Cash transfer: Implications on Indian Economy.	Direct Benefit Transfer: Issues	2016-02 days
<i>Dr Abin T Mathews, Assistant Professor of Economics</i>					
1	Collegiate Education, Govt of Kerala	EDUSAT Studio	Direct Cash Transfer	Direct Cash Transfer	2013, one hour
2	Maharaja's College, Ernakulam	Maharaja's College, Ernakulam	Workshop on Syllabus Restructuring	International Economics	2015, 2 days
3	Kerala State Literacy Mission	Kerala State Literacy Mission Office	Plus One Text Book Preparation	Economics Text	2014- one day
<i>DEPARTMENT OF ENGLISH</i>					
<i>Dr. Manju C R, Assistant Professor of English</i>					
1.	Karunya Charitable Society	Melethampanoor, Thiruvananthapuram	Leadership Training for economically backward rural women who participate in the National Rural Employment Scheme	Personality Development	26 March 2016
2.	PG Department of English, Govt. Arts College	Govt. Arts College, Thiruvananthapuram	Two day National Seminar "Culture after Theory: A Retrospective on Cultural Studies"	Cultural Studies	Feb 29- Mar01 2016
<i>DEPARTMENT OF PHYSICS</i>					
<i>Dr. Prince P R, Assistant Professor of Physics</i>					
1.	UGC Human Resources Development Centre, University of Kerala	UGC Human Resources Development Centre, University of Kerala	Orientation Programme,	Mysteries of the Universe	21 st January 2016.
2.	UGC Human Resources Development Centre, University of Kerala	UGC Human Resources Development Centre, University of Kerala	Orientation Programme	Mysteries of the Universe	16 th September 2015
3.	UGC Human Resources Development Centre, University of Kerala	UGC Human Resources Development Centre, University of Kerala	Refresher Course for Life Sciences	Mysteries of the Universe	8 th July 2015
4.	UGC Human Resources	UGC Human Resources	Refresher Course for Life Sciences	Mysteries of the Universe	18 th March 2015

	Development Centre, University of Kerala	Development Centre, University of Kerala			
5.	Govt. College for Women, Thiruvananthapuram	Govt. College for Women, Thiruvananthapuram	National Seminar on Advanced Materials', Spectrum-2015	Global Positioning System, ,	3 rd March 2015
6	Sree Ayyappa College for Women, Chunkankadai, Tamilnadu	Sree Ayyappa College for Women, Chunkankadai, Tamilnadu	UGC Sponsored National Seminar on Emerging Trends in Theoretical and Experimental Physics	Geomagnetosphere and Space weather	8 th January 2015
7	Sree Narayana College, Chempazhanthy, Thiruvananthapuram	Sree Narayana College, Chempazhanthy, Thiruvananthapuram	Golden Jubilee Seminar	Mysteries of science,	20th August 2014
8	Christian College, Chengannur, Kerala,	Christian College, Chengannur, Kerala,	Advances in Geophysics, Space and Atmospheric Research	Space weather fundamentals	7th March 2014
9	UGC Academic Staff College, University of Kerala	UGC Academic Staff College, University of Kerala	Orientation Programme	(a)'Mysteries of the Universe' and (b) 'Green house effect and Global warming',	20th February 2014.
10	UGC Academic Staff College, University of Kerala	UGC Academic Staff College, University of Kerala	Orientation Programme	(a)'Mysteries of the Universe' and (b) 'Green house effect and Global warming',	31st January 2014.
11	Department of Physics, Govt. Arts College, Thiruvananthapuram	Department of Physics, Govt. Arts College, Thiruvananthapuram	National Seminar on Fundamental and Applied Physics	Geomagnetosphere and Space weather	11-12 December 2013
12	UGC Academic Staff College, University of Kerala, Trivandrum	UGC Academic Staff College, University of Kerala, Trivandrum	Winter School	'Mysteries of the Universe' and (b) 'Green house effect and Global warming'	29th November 2013.
13	EDUSAT Online class room	EDUSAT Online class room	EDUSAT Online class room	'Evolution, methods and	9 Oct 2013.

				Scope of Astronomy	
14	Devamatha College, Kuravilangad, Kottayam	Devamatha College, Kuravilangad, Kottayam	National Seminar on recent trends in experimental physics,	'Satellite navigation techniques'	26 March 2013.
15	EDUSAT Online class room	EDUSAT Online class room	EDUSAT Online class room	Digital Fundamentals	14 March 2013
16	UGC Academic Staff College, University of Kerala, Trivandrum	UGC Academic Staff College, University of Kerala, Trivandrum	Special Summer School	(a)'Mysteries of the Universe' and (b) 'Green house effect and Global warming',	22nd February 2013.
17	Govt. College, Nedumangad	Govt. College, Nedumangad	Seminar on Material Science & characterization	'Materials for space travel'	18th February 2013.
18	University College, Trivandrum	University College, Trivandrum	National Seminar on Advancements in Physics, Scientia-2013	'Introduction to GPS',	7th February 2013.
19	Kerala State Science and Technology Museum, Thiruvananthapuram	Kerala State Science and Technology Museum, Thiruvananthapuram	Inculcate Programme	'Where are we'	30th May 2012
20	Kerala State Science and Technology Museum, Thiruvananthapuram	Kerala State Science and Technology Museum, Thiruvananthapuram	Summer Camp	'Dark Universe'	21st May 2012
21	Kerala State Science and Technology Museum, Thiruvananthapuram	Kerala State Science and Technology Museum, Thiruvananthapuram	Inculcate Programme	'Universe unveiled'	21st May 2012
22	University College Physics Society	University College, Thiruvananthapuram	Workshop on microprocessors	Introduction to microprocessors- 8085 and 8086	2nd & 3rd May 2012
23	Kerala State Science and Technology Museum, Thiruvananthapuram	Kerala State Science and Technology Museum, Thiruvananthapuram	Astronomy Camp	Mysteries- Big and small	10th April 2012

	am				
24	School of Pure and Applied Physics, M. G. University, Kottayam	School of Pure and Applied Physics, M. G. University, Kottayam	Inculcate programme	Sun-earth system- an introduction	19th February 2012
25	Govt. Arts College, Thiruvananthapuram,	Govt. Arts College, Thiruvananthapuram ,	Seminar on Introductory astronomy and space physics (Nakshathra - 2011)	'Astronomy- evolution and methods'	21st December 2011
26	TKM College of Arts and Science, Kollam,	TKM College of Arts and Science, Kollam,	National Seminar on recent trends in cosmology	'Geomagnetosphere and space weather',	2nd November 2011.
27	Fatima Mata National College, Kollam	Fatima Mata National College, Kollam	Seminar on Introductory Astronomy and Astrophysics	'Astronomy: Scope and methods'	20th October 2011
28	EDUSAT online class room	EDUSAT online class room	EDUSAT online class room	Fibre optic communications-,	18th August 2011
29	All Saints College, Thiruvananthapuram	All Saints College, Thiruvananthapuram	National Seminar on Emerging trends in Materials Science	Materials used in space missions	21 July 2011
30	University College Physics Society	University College, Thiruvananthapuram ,	Summer School for Post Graduate Students	Introduction to Digital Signal Processing	25 Apr 2011
31	Kerala State Science and Technology Museum, Thiruvananthapuram,	Kerala State Science and Technology Museum, Thiruvananthapuram ,	Inculcate Programme	Introductory Astronomy,	07 Apr 2011
32	Kerala State Science and Technology Museum, Thiruvananthapuram	Kerala State Science and Technology Museum, Thiruvananthapuram	Inculcate Programme	Sun-Earth interactions	02 Apr 2011
33	Kerala State Science and Technology Museum, Thiruvananthapuram	Kerala State Science and Technology Museum, Thiruvananthapuram	Summer Camp	Introductory Astronomy	02 Apr 2011
34	Kerala State Science and	Kerala State Science and Technology	Astronomy Camp	Introductory astronomy	27 Mar 2010

	Technology Museum, Thiruvananthapuram	Museum, Thiruvananthapuram		and cosmology	
35	Sir Syed College, Taliparamba, Kannur	Sir Syed College, Taliparamba, Kannur	National Seminar on potential role of atmospheric aerosols in inducing climate changes	Sun-earth interactions, Invited talk in the,	16 Mar 2010
36	Kerala State Science and Technology Museum, Thiruvananthapuram,	Kerala State Science and Technology Museum, Thiruvananthapuram ,	,Short term course on Basic Astronomy,	Glimpses of Astronomy Kerala State Science and Technology Museum, Thiruvananthapuram,	19.Dec 2009
37	UGC Academic Staff College, University of Kerala, Thiruvananthapuram	UGC Academic Staff College, University of Kerala, Thiruvananthapuram	Orientation programme	Green house effect and global warming	Nov-Dec 2009
38	All India Institute of Local Self Government (AIILSG)	Kovalam, Thiruvananthapuram	Training Workshop on “Urban reforms & JNNURM: emerging issues & options”	Climate Change – Environmental Protection in Cities	6 June, 2009
39	UGC Academic Staff College, University of Kerala, Thiruvananthapuram	UGC Academic Staff College, University of Kerala, Thiruvananthapuram	Refresher course for Physics	Transmission media,	2004
40	STAS, M. G. University, Regional Centre, Pathanamthitta	STAS, M. G. University, Regional Centre, Pathanamthitta	Workshop on Principles and Trends in Electronic Communication	Communication media – an overview	2004.
DEPARTMENT OF STATISTICS					
Dr. Sheela K L, Associate Professor of Statistics					
1.	Indian Council for Social Sciences Research	Dept.of Demography, University of Kerala	Quantitative Data Analysis	Discriminant Analysis	2014
2.	S.N College, Chempazhanchy	Dept. of Statistics	Statistics Day Celebrations	Life of P.C Mahalanobis	2015

Participation in Seminar/Workshop as Paper Presenter				
#	Venue & Organised by	Title/Area	Title of the paper	Year & Duration
DEPARTMENT OF BOTANY				
Ajith Kumar P, Assistant Professor of Botany				
1.	Dept. of Botany , Govt. Sanskrit College Pattambi	"Technical Advancements in Life Science"	"Comparative study on the effect of various substrates on the production and protein content in Oyester mushroom"	2015; Dec 14-15
Dr. Saritha Kumari C H, Assistant Professor of Botany (FDP Substitute)				
1.	Department of Biotechnology, Cochin University of Science and technology(CUSAT)	National symposium on Emerging Trends in Biotechnology.	Anti-inflammatory effect of alginate and sulphated polysaccharides from sargassum wightii on carrageenan induced rats	September 1-2, 2011 held at CUSAT, Kerala.
2.	The Biotech Research Society (BRSI) and National Institute for Interdisciplinary science and Technology , CSIR	International Conference on New Horizons In Biotechnology	Anti inflammatory effect of alginate and sulphated polysaccharides from sargassum wightii on adjuvant induced rheumatic arthritic rats	Nov 21-24, 2011 held at Trivandrum, Kerala.
Latha Devi L, Assistant Professor of Botany				
1.	Oushadi, Trivandrum	National Congress on Medicinal Plants	An effective propagation method for increasing yield in Plumbago species.	December 4&5,2005
DEPARTMENT OF BIOTECHNOLOGY				
Ramya R Prabhu, Assistant Professor of Biotechnology				
1.	Guru Nanak Dev University, Amritsar, Punjab. Indian Academy of Neuroscience	Translational Neurosciences: Unravelling Mysteries of Brain in health and disease,	Regulation of Phosphorylation of Ser1303 of GluN2B receptor- Identification of kinases and phosphatases	October 27-30, 2012
2.	Lucknow, UP, India. Indian Academy of Neuroscience	5 th Congress of FAONS & XXVIII Annual meeting of IAN	Role of phosphatases in Glutamate activated calcium signaling in neurons	November 25-28, 2010,
Dr. Diana David, Assistant Professor of Biotechnology				
1.	Dr. B.R. AmbedkarCenter for Biomedical Research (ACBR), University of Delhi		32nd Annual Convention of Indian Association for Cancer Research & International Symposium: Infection &Cancer .Oral presentation.	February 13th-16th, 2013
2.	School of Biosciences and Technology, VIT university, Vellore, Society for Biotechnologists, India & Rajiv Gandhi Centre for Biotechnology, Tvpm		National conference on Biotechnology for Human Development. Poster presentation	November 27-28, 2009

DEPARTMENT OF CHEMISTRY**Dr. Alan Sheeja D B, Assistant Professor of Chemistry**

1.	Paper presented in the 22nd Kerala Science Congress held at Kerala Forest Research Institute, Peechi, Thrissur	Natural Product Chemistry	Curcuma amada- a rich source of bioactive compounds	28-31 January, 2010.
2.	Participated and presented research work in the one day "International Symposium on Phytochemistry and Dr.A.Hisham Endowment Award Ceremony" organised by Kerala Academy of Sciences at Kerala State Science and Technology Museum, Tvpm	Natural Product Chemistry	Research work	25 April, 2015

DEPARTMENT OF COMMERCE**Dr. V S Joy, Associate Professor of Commerce**

1.	KNM Govt. College, Kanjiramkulam	National Seminar on " Value Added Tax and its impact on Consumers"	VAT – a comparison of southern states	2008, 2 days
2.	Govt. College, Attingal	National Seminar on " The impact of the entry of Multinational Corporations in the Retailing Business Scenario in Kerala"	Retail Business in Kerala – A study on Maveli Stores	2008, 2 days
3.	Department of Commerce, University of Kerala and IAA	XXXIII All India Accounting Conference	Need for changing Depreciation Methods	2010, 2 days
4.	Carmel Engineering College	National Conference on " International Financial Reporting Standards – Benefits & Challenges	Application of IFRS in Tourism Organisation	2011, 2 days

5.	Sri. C Achutha Menon Govt. College, Thrissur	National Seminar on “ Banking Divergence – Challenges and Solutions	NGB’s in the new Development Scenario	2012, 2 days
6.	SV University Thirupathi & Essex Business School, UK	International Seminar on “ Corporate Governance”	Corporate Governance in Tourism Industry	2013, 2 days
7.	Department of Commerce, University of Kerala	International Seminar on “FDI”	FDI in Higher Education	2013, 2 days
Dr. T Subash, Associate Professor of Commerce				
1.	Department of Commerce, KNM Government College, Kanjiramkulam	National Seminar on Financial Inclusion for Inclusive Growth- a Myth or reality,	Financial Inclusion- Policies should be a passion and not a fashion for India’s more Inclusive Growth”	(19 th and 20 th Jan 2012)
2.	Department of Sociology, KNM Government College, Kanjiramkulam	National Seminar on Ethics in social science Research,	“Issues and Challenges of PLHIV- People Living with HIV and Aids”	(10 th and 11 th Jan 2012)
3.	Department of Sociology, KNM Government College, Kanjiramkulam	National Seminar on Urban Development in India: Emerging Trends.	Trends in Urbanisation and Urban governance	(21 th and 22 th July 2011)
4.	Department of Commerce, Govt. Arts College, Thiruvananthapuram	Governments role in Awareness Creation on Entrepreneurship Among Women 5in India	Role of Local Self Government in Youth Entrepreneurship	(15 th and 16 th March, 2013
5.	Department of Commerce, Sri. Venkateswara University, Tirupathi	National Seminar on Corporate Governance: Emerging Issues and Global Challenges	Role of Government in Monitoring Corporate Governance	(30-31 Janu, 2013)
6.	Department of Political Science and Development, Gandhigram Rural Instiute, Dindugul, Tamil Nadu	Decentralisation, Development and Social Harmony in Third World Countries”	“Gender Mainstreaming: Is it possible through an equal representation in Local Self Govt. Institutions”	(29 th Nov to 1 st Dec, 2013)
7.	Department of Commerce, KNM Government Arts College	National Seminar on Entrepreneurial possibilities in Indian Scenario”,	“Role of LSGs in Entrepreneurship Development: A hand in hand with Kudumbasree”	(11 th &12 Feb, 2014)
8.	Department of	National Seminar	Participative Planning in	(11-12 Nov

	Sociology, KNM Government Arts College, Kanjiramkulam	on “Participatory Governance: Problems and Prospects”	Kerala: Expectations and Experience	2014)
Dr. Biju S K, Assistant Professor of Commerce				
1.	Social Science Forum, Government College, Nedumangaud	Media, Civil Society and Democracy,	Total Quality Managment – A magic potion for achieving good governance in LSGIs in Kerala	
2.	Child Resource centre, KILA	Child Governance workshop	Local Governments and Child Rights	(8 th Feb, 2012)
3.	Department of Commerce, KNM Government College, Kanjiramkulam	Financial Inclusion for Inclusive Growth- a Myth or reality,	Financial Inclusion- Policies should be a passion and not a fashion for India’s more Inclusive Growth”	(19 th and 20 th Jan 2012)
4.	Department of Sociology, KNM Government College, Kanjiramkulam	Ethics in social science Research,	“Issues and Challenges of PLHIV- People Living with HIV and Aids”	(10 th and 11 th Jan 2012)
5.	Department of Sociology, KNM Government College, Kanjiramkulam	Urban Development in India: Emerging Trends,	Trends in Urbanisation and Urban governance	(21 th and 22 th July 2011)
6.	Department of Commerce, Govt. Arts College, Thiruvananthapuram	Governments role in Awareness Creation on Entrepreneurship Among Women in India,	Role of Local Self Government in Youth Entrepreneurship	(15 th and 16 th March, 2013
7.	Department of Commerce, Sri. Venkateswara University, Tirupathi	Corporate Governance: Emerging Issues and Global Challenges,	Role of Government in Monitoring Corporate Governance	(30-31 Janu, 2013)
8.	KILA,	International Conference on Democratic Decentralisation and peoples Participation	Grama Sabha a rusting weapon in Decentralised Governance of Kerala”	(20 th and 23 rd Dec, 2012)
9.	Department of Political Science and Development, Gandhigram Rural Instiute, Dindugul, Tamil Nadu	Decentralisation, Development and Social Harmony in Third World Countries”	“Gender Mainstreaming: Is it possible through an equal representation in Local Self Govt. Institutions”	(29 th Nov to 1 st Dec, 2013)
10.	Department of Commerce, KNM Government Arts	Entrepreneurial possibilities in Indian Scenario”,	“Role of LSGs in Entrepreneurship Development: A hand in hand	(11 th & 12 Feb, 2014)

	College		with Kudumbasree”	
11.	Government of Kerala,	ICODD,	Citizen charter in service delivery: An Appraisal, Local Governments and Rights based development,	(May 15 to 17, 2015)
12.	Department of Commerce, Government College for Women, Trivandrum	Inclusive growth – Myth and Reality	Financial Deepening and Inclusive Growth	(19 th and 20 th Jan, 2015)
13.	Kerala Institute of Local Administration (KILA)	Gandhiji Gram Swaraj and Democratic Decentralisation:	TQM for Good Governance	(27- 29 th Nov, 2014)
14.	Department of Sociology, KNM Government Arts College, Kanjiramkulam	“Participatory Governance: Problems and Prospects”	Participative Planning in Kerala: Expectations and Experience	(11-12 Nov 2014)
15.	National seminar, SSSP Mandal’s Arts, Science and Commerce college, Rahuri, Maharashtra	ICT and Education	Information and communication technology in governance: A stepping stone for smart governance,	(July 14 &15, 2014)
Dr. Gracious J, Assistant Professor of Commerce				
1.	Department of Commerce, University of Madras, Chennai	Trends in Retailing and Branding	Supply chain and distribution channels of tourism services of Kerala	19 th and 20 th February, 2015
2.	Department of Commerce, University of Madras, Chennai	Trends in Retailing and Branding	Service quality measures and indicators in Protect Area Management: a study on Eravikulam National Park in Kerala	19 th and 20 th February, 2015
3.	Department of Botany, Govt. Brennen College, Thalassery, Kerala	Green Living for Sustainable Development	Biodiversity conservation and ecotourism development in Kerala: the perceptions and preferences of domestic tourists	15-17 October, 2014.
4.	Department of Commerce, Government College, Attingal, Thiruvananthapuram	Two day National Seminar on Responsible Tourism	Responsible tourism for biodiversity conservation	28 th and 29 th November, 2013.
5.	Department of Commerce and Research Centre, Govt.	National Seminar on ‘Green Marketing’	Green Marketing of tourism products: The role of biodiversity conservation	13 th December, 2013.

	Arts College, Thiruvananthapuram			
6.	Department of Commerce, Government Women's College, Thiruvananthapuram	Matching with Industry Benchmarks. Challenges ahead for Commerce Education	Human Resource Development for Tourism Industry: The Contributions of Commerce Education	February 15 th & 16 th 2013.
7.	Department of Tourism Studies, School of Management, Pondicherry University, Puducherry	UGC-ZAP National Seminar on Managing Tourism Business for Sustainable Competitive Advantage	Web-Based Tourism Marketing: A study on the perceptions of different categories of tourism units in Kerala	23-24 March, 2012.
8.	SDM Institute for Management Development, Mysore, Karnataka	International Conference on Managing Human Resource at the Workplace	Challenges of Human Resource Development in the Tourism Sector	14&15 December, 2012.
9.	SDM Institute for Management Development, Mysore, Karnataka	International Conference on Managing Human Resource at the Workplace	Employee counseling: A key tool for managing workplace conflict	14&15 December, 2012.
10.	M.E.S.College of Arts and Commerce, Zuarinagar, Goa	UGC Sponsored International Seminar on Emerging Trends in Entrepreneurship	A study on the promotion of ecopreneurship schemes in the tourism sector of Kerala	27-29, September, 201 2.
11.	Pondicherry University, Puducherry	Fourth International Conference on Micro Finance	A critical analysis of the Strengths, Weaknesses, Opportunities and Threats of the SHG women members in Thrissur District of Kerala	27-29, January, 2011.
12.	Post Graduate Department of Commerce, Government College, Chittur, Palakkad	Two Day UGC- National Seminar	Online booking as a marketing tool for tourism products	7 th – 8 th March, 2011
13.	Department of Business Administration, Mangalore University, Airport and Airport Authority of India	National Conference on Indian Aviation and Tourism – Opportunities, Challenges and New Directions	Branding process in different sectors of tourism destinations	August 21-22, 2011

14.	Department of Tourism Studies, Pondicherry University, Puducherry	National Seminar on Innovations in Tourism	Product development methods: A study on tourism industry in Kerala	19-20, February, 2010.
15.	R.V. Institute of Management, (Affiliated to Bangalore University) Jaya Nagar, Bangalore	National Conference on Ethics in Business and Corporate Governance	Green Marketing of Tourism Products in Kerala: A case study on Thenmala Ecotourism	9 th and 10 th of December, 2010.
16.	Annamalai University, Chidambaram, Tamil Nadu	International Conference on Management Practices for Sustainable Growth	Pricing methods of tourism products: A study on tourism industry in Kerala	28-30, July, 2010.
17.	School of Management Studies, Cochin University of Science and Technology	National Seminar on Strategic Marketing for the Emerging Environment	Strategic use of Information and Communication Technology in Tourism Marketing	February 20-21, 2009.
18.	Department of Commerce, University of Kerala	International Conference on Tourism	New Paradigms in Tourism Marketing	27 - 28, December, 2005.

Sunil Kumar V, Assistant Professor of Commerce

1.	Govt. College Nedumangad	Industrial Development & Environmental Pollution (National)	Impact of environmental Pollution for industries	2008 March 6&7
2.	KNM Govt.College Kanjiramkulam	Value added Tax and its impact on consumers (National)	Comparative study of VAT & Commercial Tax	2008 July 15&16
3.	Dept.of Commerce, University of Kerala & IAA	Accounting Education (InterNational)	Accounting Education- A Comparative study with International Financial Reporting Standards	2010 November 13 & 14
4.	Govt. Arts College Trivandrum	Role of Parliament in enacting Business Laws in the Globalised World(National)	Business Laws & Constitution	2012 March 23&24
5.	Govt.Arts College Trivandrum.	Rural E-Commerce in	ICT in Agriculture for Rural Development	2012 March 15&16

		India: Emerging Trends&Challeng es- (National)		
6.	Govt. College for Women, TVPM	Paradigm Shift in Marketing-Strategies-A Game Plan for Domestic Players for 21 Century (National)	Marketing Strategies of Minor Forestry Products in the Globalised World	2012 Feb 8 & 9
7.	Govt.Arts College Trivandrum	Govt's Role in Awareness Creation on Entrepreneurship Among Women in India (National)	Institutional linkage for women Entrepreneurship	2013 March 15&16
8.	Govt College Attingal	Responsible Tourism (National)	Role of Hill Tourism in Kerala	2013 Nov 28 & 29
9.	GOvt.Arts College Trivandrum	Green Marketing- Govt. Arts College Trivandrum (National)	Impact of green Marketing	2013 Dece-13
10.	Govt College for Women Trivandrum	Matching with Industry Benchmarks- Challenges Ahead for Commerce Education- (National)	Benchmarking Commerce Education	2013 Feb 15&16
11.	Govt.Arts College Trivandrum.	Government's Role in Awareness Creation on Entrepreneurship among Women in India (National)	The role of Govt. for promoting Self Help Group in Kerala	2013 March 15& 16
12.	Govt.Arts College Trivandrum	Role of Media in Stimulating Youth Entrepreneurship- Govt.Arts College Trivandrum. (National)	Youth entrepreneurship among Weaker Sections	2013 March 22&23
13.	Govt.Arts	Service sector &	Emergence of Big Bazaar in	2016 Jan 8 &

	College, TVPM	Indian Economy Opportunities, Problems & Sustainability Issues- (National)	the Retail Marketing Segment	9
Purushothaman VM, Assistant Professor of Commerce				
1.	Institute of Management in Kerala, Thiruvananthapuram	Retail Marketing	FDI in Single Brand Retailing & Compulsory Outsourcing	25/02/2012
2.	University Institute of Technology, Thiruvananthapuram	Marketing Management	Issues in Brand Management	05/10/2007
3	University of Kerala	Business Management	The Role of Entrepreneurs in Indian Retail Trade	19/10/2011-25/10/2011
4.	Govt. Arts College, Thiruvananthapuram	Marketing	A study of E-Purchase Habit among Rural Consumers	15/03/2012-16/03/2012
5.	Govt. College, Nedumangadu, Thiruvananthapuram	Marketing	Gender and Ethics in Corporate Advertising	16/2/2012-17/2/2012
6.	Govt. College, Attingal, Thiruvananthapuram	Retail Marketing	Core encounting factors of E-retailing	08/03/2012-09/03/2012
7.	Kerala Academi of Social Sciences, Thiruvananthapuram	Finance	A Study On Financial Inclusion in Kerala	21/12/2012-22/12/2012
8.	Kerala Academi of Social Sciences, Thiruvananthapuram	Marketing	A study on Consumer Perception about Organised Retailing in Kerala	24/08/2013
9.	MSN Institute of Management ant Technology, Kollam	Marketing	Ethical Issues of Corporate Retailing in India	30/04/2013
10.	BJM Govt. College, Chavara, Kollam	Retailing	A study on Consumer Satisfaction about Organised Retailing in Kerala	22/11/2013
11.	Institute of Management in Kerala	Retailing	Impact of Organised Retailing on Unorganised Retailers in Kerala	29/11/2014
Rejani R Nair, Assistant Professor of Commerce				
1.	The Department of Commerce, Govt. College Kattappana, sponsored by UGC	Retail Banking	“Retail Banks and Micro Finance: “A New and Safe Endeavour or not?”	26th & 27th August 2013.
2.	The Department of Commerce, School of Business Management and Legal Studies, University of Kerala	Derivative Trading	“Role of Derivatives in Financial Crisis” at the seminar on “Trading in Derivatives- Emerging Threats and Opportunities”,	5th November 2013
3.	P.G & Research	Green Marketing	“Green Marketing- Issues and	13th

	Department of Commerce, Govt. Arts College Tvpm, sponsored by Director of Collegiate Education		Challenges”,	December 2013.
4.	P.G & Research Department of Commerce, Govt. Arts College, Tvpm, sponsored by Directorate of Collegiate Education	“Service sector and Indian Economy: Opportunities, Problems and Sustainability Issues”	“ Retail Banks and Micro Finance”	8th & 9th January 2016
Dr. Shijumon K J, Assistant Professor of Commerce				
1.	Govt. College, Chittur, Palakkad	Recent Trends in Commerce, Industry and Trade	Index Futures and Options- An efficient Tool to bet on stock market	March 2011
2.	Govt. College Kanjhiramkulam	Financial Inclusion	Financial inclusion for inclusive growth- Role of new generation banks	Jan 2012
3.	Govt. College Nedumangad	Business Ethics and Indian Corporate	Corporate Governance and Business ethics in Indian Perspective	Feb 2012
4.	Govt. College Tirur	Innovative Financial Strategies for global competitiveness	Forex trading in India - Opportunities	Nov 2013
5.	KG College Pampady Kottayam	Multi variate analysis in Commerce and Mangmnt Research	People’s participation in sustainable development through watershed projects	Dec 2013
6.	Govt Arts College Trivandrum	Service sector and Indian economy opportunities, problems and sustainability issues	Quality management of telecommunication services by mobile operators	Jan 2016
DEPARTMENT OF ECONOMICS				
Dr. G L Arunjilal, Associate Professor of Economics				
1.	F M N College, Kollam	Labour Market	Impact of Liberalisation on the Labour Market in Kerala	2006- 02 days
2.	Govt. College, Attingal	Kerala Economy	Basic Resources and Development Directions	2007-02 days
3.	PKM College, Madampam, Kannur	Sustainable Development	Sustainable Development: Divergence or Convergence	2007-02 days
4.	Govt. College of Teacher Education,	Sustainable Development	Sustainable Development: An Ecological Economic	2007-02 days

	Thiruvananthapuram		Perspective	
5.	Vijayanagar College, Hospet, Karnataka	SEZs	SEZs and Employment Prospects in India	2009-02 days
6.	Pavanathma College, Murikkassery, Idukki District	Cross Border Investments in Emerging Market Economies	Cross Border Investments in Emerging Market Economies: FDI Inflows to India- Challenges Ahead.	2015-02 days
7.	Government College, Attingal.	Social Sector Development in Kerala: Issues and Concerns	National Seminar on Social Sector Development in Kerala: Issues and Concerns	2015-02 days
Anitha K, Assistant Professor of Economics				
1.	Dept of Economics, University of Kerala, Kariavattom	Health Economics	Aspects of Social Health Insurance in India	2009, 2 Days
2.	C Achuta Menon Centre and Library, Thiruvananthapuram	Health Economics	Kerala Health Scene: Between the Devil and the Deep Sea	2012, 3 Days
3.	KNM Govt Arts and Science College, Kanjirankulam	Health Economics	Challenges in Kerala	2013, 2 Days
4.	Govt Arts College, Thiruvananthapuram	Labour Economics	Missing Women in Kerala	2016, 2 Days
Bindu S, Associate Professor of Economics				
1.	Venue: Bishop Moore College, Mavelikkara Organised by Bishop Moore College, Mavelikkara & Department of Economics, University of Kerala	Inclusive growth	Labour in India's unorganised sector- A case for inclusive growth strategy	2012
2.	Venue: KNM Govt. Arts and Science College, Kanjiramkulam, Tvm. Organised by KNM Govt. Arts and Science College, Kanjiramkulam, Tvm. & DCE, Govt. of Kerala	Kerala Economy	Female work participation in Kerala	2013
3.	Venue: Govt. Arts College, Tvm Organised by Govt. Arts College, Tvm & DCE, Govt. of Kerala	Labour	Informalisation of the formal sector: Global trends in the labour market	2016
Dr Abin T Mathews, Assistant Professor of Economics				
1.	Govt College, Tripunithura, Collegiate	Sustainable Development in	Leakages and Wastages under the Subsidy Regime: A Policy	2012

	Education, Govt of Kerala	Kerala: Challenges and Options	Shift Towards a better Tomorrow -	
2.	KNM Govt Arts and Science College, Kanjiramkulam, Collegiate Education, Govt of Kerala	Kerala Economy: Issues, Challenges and Prospects	Financial Position of Kerala .A Reality Check	2013
3.	Govt College for Women, Trivandrum UGC	Empowering Women: The Eluding Firing Power	Women Employment in the Electronic Media Sector: An Intra Sectoral Analysis	2014
4.	Govt Arts College, Trivandrum Collegiate Education, Govt of Kerala	Service Sector and Indian Economy: Opportunities, Problems and Sustainability Issues	Tertiary Sector Growth and Employment Lag: A Comparative Analysis	2016
5.	Govt College, Ambalapuzha, Collegiate Education, Govt of Kerala	Macro Economic Constraints of Indian Economy	Chaired a session on Inclusive Growth in India : Experience in the Liberalization Era	2016
6.	Govt College, Mananthavady, UGC	Outliers and Central Trndency- A Revisit to Kerala Model of Development	Kerala Model of Development: Concerns and Need for an Alternative Strategy	2016
7.	Sir Syed College, Taliparamba UGC	Direct Cash Transfer as an Alternative to Subsidies: Issues and Concerns	Direct Cash Transfer : Its Implications on Indian Economy	2016

Jayasurya S, Assistant Professor (FDP Substitute)

1.	Bishop Moore college,Mavelikara(UG C)	Micro finance	Gender Dimensions to inclusive growth _A case for Micro finance	2012
2.	Department of History,university of kerala(UGC)	Agricultural economics	Rural credit in 20 th century India_An overview of History and perspectives	2013
3.	Department of Commerce,Govt college,Attingal.(The Directorate of collegiate Education,Govt of kerala)	Responsible Tourism	Responsible Tourism in kerala-Issues and implications.	2013

DEPARTMENT OF ENGLISH

Renjini R, Assistant Professor of English

1.	Department of English,	National Seminar	“The Performing Subaltern	28 & 29
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	Govt College for Women, Thiruvananthapuram	on Rethinking Postcolonialism: Texts and Contexts	Subject in T.V. Chandran's Ponthan Mada".	December 2015
2.	Department of English, All Saint's College, Thiruvananthapuram	National Seminar on Technologies of Self, Writing Lives, Making History	"The Political Subaltern Self in Dr.Babasaheb Ambedkar "	9 & 10 October 2014.
3.	Department of English, Union Christian College, Alwaye	National Workshop on Film Theory and Appreciation	"The Performing Subaltern Subject in Malayalam Cinema".	15&16 March 2012
4.	Department of English, St. Thomas college, Kozhencherry	National Seminar on Indian Literary Historiography and Counter Currents in Postcoloniality	"Subaltern Resistance in Medieval Kerala: A Bakhtinian Reading of Mannapedi/Pulapedi".	27 & 28 September 2011
5.	Department of English, Catholice College, Pathamthitta	National Seminar on Versos and Rectos: Translation and Recreation Across Cultures and Borders	"On Translating Mangal Pandey, "The Sepoy" from Myth to Screen: Ketan Mehta's Mangal Pandey: The Rising".	15 & 16 July 2010
6.	CPRAC SIS, Thrissur.	International Conference on Fables of Fear	"On Legitimizing "Fear": Social sanction and Carnivalization in "Mannapedi"/ "Pulapedi".	7 & 8 August 2010
7.	Department of English, Govt College Kasaragode	National Seminar on Mapping Linguistic Identity: Global and Local Perspectives".	"On Opening the Canon of English Literature".	28 & 29 January 2009
Dr. Manju C R, Assistant Professor of English				
1.	Catholice College Pathanamthitta & organised by PG Department and Research centre of English, Catholice College, Pathanamthitta.	Two Day International Seminar on English Literature	-"Changing Worlds:Reviewing and Reinventing Literature and Culture"	23-24 January 2012
Nazia R Hassan, Assistant Professor of English				
1.	Department of English, Iqbal	National Seminar on Tribal	"Subaltern Consciousness in Narayan's Kocharethi"	January 2015

	College, Thiruvananthapuram	Literature		
DEPARTMENT OF PHYSICS				
Dr. Prince P R, Assistant Professor of Physics				
1	University college, Thiruvananthapuram	National seminar on current Perspective in Physics	Comparison of Periodicities in Solar and Geomagnetic Activities	15-16 February 2016
2	University college, Thiruvananthapuram	National seminar on current Perspective in Physics	Prediction of auroral indices using markov models	15-16 February 2016
3	VSSC, Thiruvananthapuram	19 th National Space Science Symposium	Energetics of Intense geomagnetic storms and substorms during solar	9-12 February 2016
4	VSSC, Thiruvananthapuram	19 th National Space Science Symposium	, Detection of critical transitions in magnetospheric dynamics using regime-switching models,	9-12 February 2016
5	VSSC, Thiruvananthapuram	19 th National Space Science Symposium	Variability of ionospheric f _o f ₂ at an equatorial station over solar cycle23	9-12 February 2016
6	VSSC, Thiruvananthapuram	19 th National Space Science Symposium	Solar Activity related Periodicities in Geomagnetic Storms	9-12 February 2016
7	Mahatma Gandhi University, Kottayam	National Symposium on Plasma Science and Technology (PLASMA-2014),	Wavelet Analysis of Grand Episodes in Sunspot Numbers	8-11 Dec 2014
8	Mahatma Gandhi University, Kottayam	National Symposium on Plasma Science and Technology (PLASMA-2014),	Multifractal Analysis of the Complex Magnetosphere System	8-11 Dec 2014
9	Mahatma Gandhi University, Kottayam	National Symposium on Plasma Science and Technology (PLASMA-2014),	Magnetospheric Conductivities At Satellite Locations During Solar Cycle 23	8-11 Dec 2014
10	Mahatma Gandhi University, Kottayam	National Symposium on Plasma Science and Technology (PLASMA-2014),	Dynamics of Geomagnetic Storms and Substorms using State Space Mode	8-11 Dec 2014
11	Mahatma Gandhi University, Kottayam	National Symposium on Plasma Science and Technology	Analysis Of Storms And Substorms of Solar Cycle 23	8-11 Dec 2014

		(PLASMA-2014),		
12	Christian College, Chengannur	, AGSAR-2014	Statistical analysis of geomagnetic storms of solar cycle 23	13-15 March 2014
13	Brisbane, Australia	10th Annual meeting of the Asia Oceania Geosciences Society (AOGS)	Wavelet Analysis of the Periodicities in Relative Sunspot Numbers and Dst Indices,	24-28 June 2013, .
14	S V University, Tirupati	XVII National Space Science Symposium (NSSS-2010)	Magnetotail radius and stop- flaring distance during substorm onsets	14-17 Feb. 2012,
15	Saurashtra University, Rajkot	XVI National Space Science Symposium (NSSS-2010)	Phases of a magnetospheric substorm – an entropy analysis,	24 -27 Feb. 2010,
Vikas L S, Assistant Professor of Physics				
1.	Dept. of Instrumentation, Cochin University of Science and Technology	Advances in Scientific and Industrial Instrumentation (ASCI-2016)	ZnO nanorod based fast UV detector: Fabrication & Characterization	2016 February 11 and 12
2.	Indian Institute of Science, Bangalore, India	Physics of Semiconductor devices (IWPSD- 2015)	Improved photoresponse of epitaxially grown GaN/ZnO heterojunction	2015 December 7-9
3.	Dept. of Physics, Cochin University of Science and Technology	Energy Harvesting Storage and Conversion	Double transducing property of n-ZnO nanorod-p- GaN heterojunction	2015 February 5-7
4.	Indian Institute of Sciences, Bangalore	IUMRS-ICA 2013	Substrate surface dependence on orientation of electrodeposited ZnO nanorods	2013 December 16- 20
5.	CSIR-NIIST, Thiruvananthapuram, CSIR-NIIST & Nanomission, DST	NanoIndia 2013	Electrodeposited vertically aligned ZnO nanorods for possible solar cell application	2013 February 19-20
6.	Centre for Nanoscience and Nanotechnology, Mahatma Gandhi University, Kottayam, India	The India-Israel Meeting on Materials Science and Nanoscience IIMMN-2013	Efficient and reproducible dye degradation properties of TiO ₂ nanotubes	2015 December 7-9
7.	Amrita Centre for nanosciences & molecular medicine, Amrita Institute of Medical Sciences,	NANOSOLAR 2012: International Workshop on nanotechnology	Work function measurements of transparent conducting ZITO films by Kelvin Probe Microscopy	2015 February 5-7

	Kochi, India	in solar and energy storage applications		
Seema C S, Assistant Professor of Physics (on FDP)				
1.	Christian College, Chengannur UGC sponsored National Seminar	AGSAR-2014(Advances in Geophysics, Space and Atmospheric research2014)	A statistical analysis of geomagnetic storms of solar cycle 23	13-15 March2014
2.	School of pure and applied physics, Mahatma Gandhi University	29th National Symposium On Plasma Science And Technology & International Conference On Plasma And Nanotechnology(PLASMA 2014)	Analysis Of Storms And Substorms Of Solar Cycle 23	8-11 December 2014
3.	St. John's College, Anchal	Perspectives Of Raman Spectroscopy UGC sponsored National Seminar	Analysis Of Geomagnetic Storms Of Solar Cycle 21,22 And 23	15-16 October 2015
4.	Vikram Sarabhai Space Centre	19th National Space Science Symposium(NSS S2016)	Variability of ionospheric f0f2 at an equatorial station over solar cycle23	9-12 February 2016

DEPARTMENT OF STATISTICS**Dr. Sheela K L, Associate Professor of Statistics**

1.	Department of Demography, University of Kerala	Demographic Changes and Implications	Gender Gaps in Infant and Childhood Mortality- A District Level Analysis	2004
2.	CDS, Thiruvananthapuram, Annual Conference of Indian Association for the Study of Population	Emerging Social Sector Programme Environment: Role of Population Scientists	Gender Inequality in Infant and Child Mortality in India	2006
3.	KNM Govt.Arts&Science College, Kanjiramkulam	Statistics and Research Methods	Sex Differentials in Childhood Mortality	2008

Dr. Vineshkumar V, Assistant Professor of Statistics

1.	Department of Statistics, Andhra	International Conference on	L-moments of residual life	04-08 January, 2010
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	University & ISPS Department of Statistics, Andhra University	Statistics, Probability, Operational Research, Computer Science and Allied Areas'		
2.	Indian Society for Probability and Statistics (ISPS) & Dept of Statistics, University of Jammu Dept of Statistics, University of Jammu, Jammu	International Conference on Development and Applications of Statistics in Emerging Areas of Science & Technology	Reversed Percentile Residual Life and Related Concepts	08-10 December 2010
3.	ISPS & Dept of Statistics, Cochin University of Science and Technology Cochin. Dept of Statistics, Cochin University of Science and Technology, Cochin	International Conference on Statistics, Probability and Related Areas	Reversed Percentile Residual Life and Related Concepts	19-22 December 2011
4.	Department of Statistics, Pondicherry University. Department of Statistics, Pondicherry University, Pondicherry	National Conference on Recent Developments in the Applications of Reliability and Survival Analysis	L-moments of Residual Life	02-03 February 2012
<i>Dhanya Nair R, Assistant Professor of Statistics</i>				
1.	Department of Statistics, University of Kerala	International conference on Statistics for twenty-first century-2015	Estimating the Location & Scale Parameters of a symmetric distribution by U-Statistics with kernels as BLUE bases on systematic statistics	2015 3 days
<i>GENERAL DEPARTMENTS</i>				
<i>Daliya S, Assistant Professor of Malayalam</i>				
1.	Oriental Research Institute & Manuscript Library	Bhasha Padhanavum samsodhitha samskaranavum	C.V. Kunjuramante Gadya Saily	8 th to 10 th January 2014

Dr. S.L Harikumar, Assistant Professor of Political Science				
1.	Department of Political Science Govt. College Kottayam	State Democracy and Governance, Landscaping National and International Politics	Decentralisation and Urban Governance a case study of Trivandrum Corporation	05 & 06 Feb 2014
2.	Department of Political Science University of Kerala	India, State of the Nation: 2014 General Election and After	!6 th Loksabha Election Major Issues	17 to 19, March 2015
Dr. Priya L, Assistant Professor of Sanskrit				
1.	Govt. Arts College Collegiate Edn.Dept	Multilingual studies	Alankaras in Sanskrit	16/02/2012
2.	Govt. Arts College Collegiate Edn. Dept	Influence of Sanskrit on Malayalam Language and Literature	Kerala Samskarathinte Paitrukam	27 th & 28 th February 2013
Dr. Benady K, Assistant Professor of Tamil				
1.	Thiruvalluvar Cultural Research Forum	Short Story	Ci.Su. Selappavin Sirukathaikalil Mozhinadai	2002 (3 days)
2.	Kovai mahakavi Bharathiyar Trust	Children's Literature	Akhialan sirukathaikalail kuzhanthai pathirangal	2004 (2 days)
3.	Elakiya padaipeyal	Short Story	Raja krishnanin Meenkari entra sirukathai velipaduthum samookanilai	2004 (2 days)
4.	Gnalathamil Panpattu mantram, Madurai, TamilNadu.	Short Story	Na.Pitcha murthy sirukathailkalil kuzhanthai sitharippu –oru aayivu	2004 (2 days)
5.	University College, Trivandrum	Short Story	Short stories of women writers – A critical view	2013 (2 days)
6.	University College, Trivandrum	Short Story	Short stories of women writers – A critical view	2013 (2 days)
7.	University of kerala, kariyavattam Campus.	Sangam literature	Modern Malayalam Sentence in Pathittupattu	2014 (3 days)
8.	KAAS, Nagercoil, TamilNadu.	Short Story	Vindhan sirukathailkalil kuzhanthai sitharippu	2014 (2 days)
9.	University of kerala, kariyavattam Campus.	Sangam literature	Modern Malayalam Sentence in Pathittupattu	2014 (3 days)
10.	University College, Trivandrum	Ethical Literature	Religion in Ethical Literature	2015 (2 days)
11.	University of kerala, kariyavattam	Folklore	Marriage Methods of Early Tamilians	2015 (3 days)
12.	University College, Trivandrum	Ethical Literature	Religion in Ethical Literature”	2015 (2 days)
13.	Tamil university,	Short Story	“Stylistic study on Ci.Su.	2015 (2 days)

	Thanjavur, TamilNadu.		Chellappa	
14.	Scott Christins College, Nagercoil, TamilNadu.	Social Science	Vedhantha Maharshiyin arasiyal parvai	2015 (1 day)
<i>Kumari Sreeja, Assistant Professor of Maths (on FDP)</i>				
1.	ICMET 2013- International Conference on Maths at TVM	Correction function for logarithmic series	Correction function for logarithmic series	17-20 Dec 2013
2.	UGC sponsored National Conference organised by Mar Ivanios College, TVM	Correction function for Gregory series	Correction function for Gregory series	21-23 Aug 2014
3.	UGC sponsored National Conference organised by St..Gregorious College, Kottarakkara	Rational approx. Of Alternating Harmonic series	Rational approx. Of Alternating Harmonic series	2015 Oct
4.	International Conference on Maths organised by Dept of Maths, University of Kerala	Approximation of Infinite series	Approximation of Infinite series	26-28Nov 2015
5.	Annual Researcher's day held at Mar Ivanios college, TVM	Alternating series approximation	Alternating series approximation	4 th March 2015

Participation in Seminar/Workshop as Participant			
#	Venue & Organised by	Title/Area	Year & Duration
DEPARTMENT OF BOTANY			
Ajith Kumar P, Assistant Professor of Botany			
1.	Dept. of Botany Govt. College Kasaragod	"Cultural and Floristic Diversity of Western Ghats"	9-10 October 2014
2.	Dept. of Botany Govt. Brennen College Thalassery	"Green living for Sustainable Development"	15-17 October 2014
3.	Dept. of Botany university College Tvpm. Dept. of Botany and Biotechnology, Govt. Arts College Tvpm.	Workshop on "Molecular Biology" "DNA Bar coding- A Rosetta stone to understand Biodiversity"	7-9 January 2015 06-Feb-15
4.	Dept. of Botany Govt. Brennen College Thalassery	"Biodiversity Conservation with special emphasis on Angiosperms"	10-11 February 2015
5.	AKGCT, State conference, Trivandrum	"Higher Education- Challenges & Prospects"	06-March-2015
6.	Dept. of Botany Govt. Brennen College Thalassery	"Lower Plant Groups of South India"	29-30 September 2015
7.	Dept. of Botany , Govt. Sanskrit College Pattambi	"Technical Advancements in Life Science"	14-15 December 2015
Dr. Saritha Kumari C H, Assistant Professor of Botany (FDP Substitute)			
1.	Department of Microbiology, Govt.Arts and Science college, Palakkad	National seminar on Emerging Microbial Diseases	On 12 th and 13 th November 2014
Latha Devi L, Assistant Professor of Botany			
1.	Govt. College, Kariavattom, Dept of Biotechnology	Current Trends in Life sciences	February 10-12, 2016
DEPARTMENT OF BIOTECHNOLOGY			
Ramya R Prabhu, Assistant Professor of Biotechnology			
1.	Dept. of Biotechnology, Government College, Kariavattom, Trivandrum	Current trends in life sciences	Three day National seminar 10-12 February, 2015.
2.	Kerala state higher education council at RTTC, Trivandrum.	Academic writing and Publishing	Two day Workshop, March 24-25, 2015.
3.	Department of Biotechnology, CUSAT, Cochin on 24-2-2015.	Frontier Lectures in Science research, National science day seminar	Cochin on 24-2-2015, One day national seminar

4.	57 th state conference of AKGCTA at Trivandrum	Higher education: Challenges and Prospects.	One day national seminar, 6-3-2015
5.	BPCL Kochi refinery.	Encon club co-ordinators meet	One day, 26-09-2014.
6.	DCE, Govt of Kerala	One day Workshop for mentors of Walk with a Scholar Programme	One day, 19-12-2013
7.	DCE, Govt of Kerala	One day Workshop for mentors of Walk with a Scholar Programme	One day, 19-12-2012
8.	DST sponsored 5 th SERC school in Neuroscience held at NIMHANS, Bangalore.	Learning and Memory	15 days, February 15-29, 2012
9.	Abcam Seminar in India	Introduction to ChIP, Optimization techniques for IP and IHC	One day, 21-11-2011
10.	International conference on Neuroscience updates & Annual meeting of society for Neurochemistry (India), CUSAT, Cochin.	Neuroscience updates	December 12-14, 2009

Dr. Diana David, Assistant Professor of Biotechnology

1.	Leica Microsystems, Mannheim, Germany and Rajiv Gandhi Centre for Biotechnology, Trivandrum, Kerala	Seminar and Training on Spectral Confocal LASER Scanning Microscopy	July 29-31 st , 2008.
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DEPARTMENT OF CHEMISTRY

Prof. S. Shanavas, Associate Professor of Chemistry

1.	Govt. Arts College, Tvpm	National Seminar on Modern Techniques in Analytical Chemistry	14.01.2009 & 15.01.2009
2.	University of Kerala, Tvpm	Five day workshop on Restructuring of B.Sc. Chemistry Programme	02.03.2009 to 06.03.2009
3.	University College, Tvpm	National Seminar on Design and Functionalisation of Nanomaterials	19.11.2009 & 20.11.2009
4.	Hotel Residency, Trivandrum Conducted by FCBS & JNCASR	Workshop for College Chemistry Students and Teachers	09.11.2012 to 11.11.2012
5.	Govt. College for Women, Tvpm	Seminar on Modern Approaches in Chemistry	21.01.2013 & 22.01.2013
6.	Govt. Arts College, Tvpm	Seminar on New Vistas in Scholarly Communication and Libraries	26.03.2013
7.	Fatima Mata National College, Kollam	Workshop on Practicals in Organic Chemistry	20.09.2014
8.	Fatima Mata National College, Kollam	Workshop on Practicals in Chemistry	17.01.2015
9.	Govt. Arts College, Tvpm	Seminar on Spectroscopic	28.02.2015

		Techniques in Organic and Inorganic Molecules	
10.	AKG Hall, Tvp.m. Conducted by Association of Kerala Government College Teachers,	National Seminar on Higher Education: Challenges and Prospects	06.03.2015
11.	CSI Retreat Centre, Kottayam Conducted by Association of Kerala Government College Teachers,	National Seminar on The Impact of Service Trade Agreement on Higher Education	12.02.2016
12.	Govt. Arts College, Tvp.m	National Seminar on Transcending Areas in Chemistry	14.03.2016 to 15.03.2016
13.	Fatima Mata National College, Kollam	Workshop on Practicals in Chemistry	16.04.2016
Dr. D. Santhosh Kumar, Assistant Professor of Chemistry			
1.	Curriculum Development Centre, Kalamassery , Ernakulum.	Workshop for Redrafting of Curriculum of Engineering Diploma Course to facilitate change over from Yearly System to Semester System	December 2005.
2.	Dept. of Chemistry, Govt. College for Women, Thiruvananthapuram.	Seminar on Computational Chemistry	February 2007.
3.	Regional Research Laboratory, Thiruvananthapuram.	CSIR Programme on Faculty Training and Motivation	March 2007.
4.	Foundation for Capacity Building in Science (FCBS), Thiruvananthapuram.	Workshop for College Chemistry Students and Teachers	December 2007.
5.	Dept. of Analytical Chemistry, Gov. Arts College, Thiruvananthapuram.	National Seminar on Modern Techniques in Analytical Chemistry	January 2009.
6.	Dept. of Chemistry, University College, Thiruvananthapuram.	National Seminar on Design and Functionalization of Nano materials	November 2009.
7.	Foundation for Capacity Building in Science (FCBS), Thiruvananthapuram.	Workshop for College Chemistry Students and Teachers	November 2011.
8.	Dept. of Botany & Biotechnology, Govt. Arts College, Thiruvananthapuram.	One day Seminar on Recent Trends in Bio-Technology	February 2012.
9.	Department of Library, Govt. Arts College, Thiruvananthapuram.	State Level Seminar on New Vistas in Scholarly Communication and Libraries	March 2013.
10.	Foundation for Capacity Building in Science (FCBS), Thiruvananthapuram.	Workshop for College Chemistry Students and Teachers	November 2013.
11.	The Department of Chemistry, Govt .College For Women, Thiruvananthapuram.	Two Day National Seminar entitled Natural Products in Medicinal	November 2014.

		Chemistry	
12.	Academy of College Teachers at Govt. Arts College, Thiruvananthapuram.	Seminar on Spectroscopic Techniques for Organic and Inorganic Molecules	February 2015.
13.	Dept. of Analytical Chemistry, Gov. Arts College, Thiruvananthapuram.	National Seminar on Transcending Areas in Chemistry	March 2016
Dr. Alan Sheeja D B, Assistant Professor of Chemistry			
1.	Poster presented in The International Conference (ACS-CSIR) held at NCL, Pune	Building Bridges, Forging Bonds for 21st Century Organic Chemistry and Chemical Biology (OCCB-2006)	7-9 January, 2006.
2.	Poster presented in the 9th CRSI, held at the Department of Chemistry, University of Delhi	National Symposium in Chemistry	1-4 February, 2007.
3.	Participated in the DST sponsored National Workshop organized by the School of Chemistry, Madurai Kamraj University, Madurai	One and Two Dimensional NMR Spectroscopy: Theory and Applications'	22-23 Feb, 2007.
4.	Participated in the lecture conducted at Govt. College for Women, Thiruvananthapuram.	Computational Chemistry	18 Oct, 2008
5.	Participated in the two day joint academics' lecture workshop conducted by IITM-K and Mar Ivanios College, Thiruvananthapuram at Mar Ivanios College, Thiruvananthapuram	Analytical Chemistry and Environmental Sciences	11-12 Dec, 2008
6.	Participated in the national seminar held at Sasthra Bhavan, Pattom, Thiruvananthapuram	Career in Science for Women-Challenges and Opportunities	17 -18 Mar, 2009.
7.	Presented poster in the 5th Mid Year CRSI Symposium in Chemistry held at NIIST [CSIR], Thiruvananthapuram	Symposium in Chemistry	23-24 July, 2010
8.	Attended UGC Sponsored IT Orientation Programme conducted by UGC-Academic Staff College, University of Kerala, Kariavattom	IT Orientation Programme	4-31 Mar, 2010
9.	Participated in the national seminar at Sree Neelakanda Sanskrit Govt. College, Pattambi	Green Strategies in Organic Synthesis	3-4 Nov, 2011.
10.	Participated in the lecture series organized by SCS Kannur University, Payyannur Campus		15 Dec, 2011.
11.	Presented poster in the CRSI Symposium in Chemistry held at NIIST[CSIR], Thiruvananthapuram.	Symposium in Chemistry	3-4 Feb, 2012
12.	Organised and participated in two days national seminar at Department of Chemistry, Govt. College, Kasaragod	Recent Challenges and Progresses in Chemistry	11-12 Feb, 2012.

13.	Participated in the national seminar organized by the Dept. of Zoology, Govt. College, Kasaragod	Biodiversity Conservation: Prospects and Challenges	11-12 Dec, 2012.
14.	Organised and participated in one day seminar at Department of Chemistry, Govt. College, Kasaragod	Chemistry – in everyday life and recent research	5 Feb, 2013.
15.	Organised and participated in the two days national seminar organized by the Dept. of Chemistry, Govt. College, Kasaragod	Recent Progresses in Chemistry	7-8 Oct, 2013.
16.	Participated in the Kannur University UG Scheme and Syllabus Revision Workshop at Kannur University, Mangatuparamba.	UG Scheme and Syllabus Revision Workshop	13 Mar, 2013
17.	Attended meeting organized by SRIBS under KSCSTE at Mascot Hotel, Thiruvananthapuram.	Strengthening of Education and Research in Basic Sciences	23 Aug, 2013
18.	Participated in the Kannur University PG Scheme and Syllabus Revision Workshop at Kannur University, Mangatuparamba.	PG Scheme and Syllabus Revision Workshop	3 Jan, 2014
19.	Attended UGC Sponsored Special Summer School Programme conducted by UGC-Academic Staff College, University of Kerala, Kariavattom	Special Summer School Programme	Jul 30 - Aug 19, 2014
20.	Participated in the 3 days national seminar organised by CSIR-NIIST, Tvpm	Transcending Frontiers in Organic Chemistry	9-11 Oct, 2014
21.	Participated in the lecture series organised by Mahatma Gandhi College, Tvpm	Quantum Mechanics and Statistical Mechanics	25 Oct, 2014
22.	Participated in the 2 days national seminar organised by Govt. College for Women, Tvpm	Natural Products In Medicinal Chemistry	4-5 Nov, 2014
23.	Participated in the open forum organised by Govt. Arts College, Tvpm	2D & 3D NMR spectroscopy and spectral & thermal analysis	28 Feb, 2015
24.	Participated in the 2 days national seminar organised by University College, Tvpm	New Frontiers in Chemistry	2-3 March, 2015
25.	Participated and presented research work in the one day International Symposium organised by Kerala Academy of Sciences at Kerala State Science and Technology Museum, Tvpm	International Symposium on Phytochemistry and Dr.A.Hisham Endowment Award Ceremony	25 April, 2015
26.	Two day national seminar organised by Govt. Brennen College, Thalassery	Recent Advances in Chemistry	14-15 Dec, 2015
27.	Two day national seminar organised by Govt. College for Women, Thiruvananthapuram	Current developments in material science	6-7 Jan, 2016
28.	Two day national seminar organised by Govt. Arts College, Thiruvananthapuram	Transcending areas in Chemistry	14-15 Mar, 2016
Dr. Vishnu V S, Assistant Professor of Chemistry			
1.	Presented a poster in the	National Conference on	

	National Conference on Science, Technology and Applications of Rare Earths, (STAR 2011), Munnar, Kerala conducted by Rare Earths Association of India	Science, Technology and Applications of Rare Earths	19th–20th August 2011
2.	Participated in the FCBS Workshop for College Chemistry Students and Teachers, Trivandrum, Sponsored by JNCASR Bangalore and FCBS, Trivandrum	Capacity Building in Science	9th-11th November 2012
3.	Participated in the UGC Sponsored National Level workshop held at PG & Research Dept. of Chemistry, MG College, Tvpm	Microscale Experiments in Chemistry “MEC 12”	26th-28th November 2012
4.	Participated in the Faculty Development Programme conducted by Tata Consultancy Services (TCS), Tvpm.	Information Security and Green IT	31st May 2013
5.	Participated in the National Workshop held at the PG and Research Department of Chemistry, Mar Ivanios College, Thiruvananthapuram	Characterisation of Advanced Materials ‘HEAM CAM 2013’	6th – 8th November 2013
6.	Participated in the FCBS Workshop for College Chemistry Students and Teachers, Trivandrum, Sponsored by JNCASR Bangalore and FCBS, Trivandrum	Capacity Building in Science	15th-17th November 2013
7.	Participated in the National workshop organised by Srinivasa Ramanujan Institute for Basic Sciences, SRIBS (KSCSTE), Kerala Biotechnology Commission (KBC), Govt. Of Kerala and IITMK, Thiruvananthapuram	Computer Aided Drug Design	27th – 30th March 2014
8.	Participated in the National Seminar and Training held at SN College Chengannur, Kerala	Molecular Modelling and Computational Chemistry	7th – 9th May 2014
9.	Participated in the FCBS Workshop for College Chemistry Students and Teachers, Trivandrum, Sponsored by JNCASR Bangalore and FCBS, Trivandrum	Capacity Building in Science	November 2014
10.	Participated in the National Seminar conducted by Association of Kerala Government College Teachers (AKGCT), Thiruvananthapuram	‘Higher Education: Challenges and Prospects	6th March 2015
11.	Participated in the International Conference, held at Thiruvananthapuram organised by Rare Earths Association of India	Science, Technology and Applications of Rare Earths (ICSTAR 2015)	23rd – 25th April 2015
12.	Workshop organised by Srinivasa Ramanujan Institute for Basic Sciences,	Quantum Mechanics	20th – 21st June 2015

	SRIBS (KSCSTE), Govt. Of Kerala at Kottayam, Kerala		
13.	Participated in the UGC Sponsored National Workshop organised by MSM College Kayamkulam, Kerala	Computational Chemistry-From Theory to Applications (In Silico-15)	29th – 31st July 2015
14.	Participated in the National Workshop organised by Srinivasa Ramanujan Institute for Basic Sciences, SRIBS (KSCSTE), Govt. Of Kerala at Kottayam, Kerala	Rietveld Refinement	11th – 13th September 2015
15.	Participated in the FLAIR Induction training programme, Conducted by FLAIR, Directorate of Collegiate Education	Induction Training programme	17 th – 19 th September 2015
16.	Participated in the Faculty Development Programme conducted by ICT Academy of Kerala in association with FLAIR at St. Thomas institute of Science and Technology, tvpm	IT Tools for Academics (Moodle)	12th – 13th November 2015
17.	Participated in the Workshop organised by Srinivasa Ramanujan Institute for Basic Sciences, SRIBS (KSCSTE), Govt. Of Kerala at Kottayam, Kerala	Stereochemistry	8 th – 10 th January 2016
18.	Two day National seminar organised by Govt. Arts College, Thiruvananthapuram	Transcending areas in Chemistry	14-15 Mar, 2016
Dr. Sabitha Mohan M R, Assistant Professor of Chemistry			
1.	Govt.College for Women TVPM	Natural Products in Medicinal Chemistry	4 th -5 th Nov 2014
2.	MMNSS College, Kotiyam	Interdisciplinary Research in Chemical Sciences	31-12-2014
3.	University College ,TVPM	New Horizons in Advanced Materials	17-18 th Sept.2015
4.	Two day national seminar organised by Govt. College for Women, Thiruvananthapuram	Current developments in material science	6-7 Jan, 2016
5.	Two day national seminar organised by Govt. Arts College, Thiruvananthapuram	Transcending areas in Chemistry	14-15 Mar, 2016
DEPARTMENT OF COMMERCE			
Dr. K.K. Damodaran, Associate Professor of Commerce			
1.	Association of Kerala Government College Teachers at SNGS College Pattambi	Challenges in Higher Education	07-03-2013
2.	National Conference of Researchers, PG and Research Dept.of Commerce, the Cochin College, Kochi		23-08-2013
3.	National Conference of Researchers, PG and Research Dept.of Commerce, the Cochin College, Kochi		2012 Sept. 28,29
4.	DCE, Tvpm	Workshop for coordinators	07-12-2012

5.	Government College Malappuram	Emerging Issues in the Business Environment and their implications for Development	21,22 of March 2007
6.	Government College Malappuram	Marketing Challenges in financial Sector	9,10 of March 2005
7.	St.Xaviars College, Aluva	Financial Sector Reforms	Sept. 25 & 26 , 2008
8.	Kerala University Campus, Karyavattom, Tvpam	Democratic and Secular Education	Dec.4,5,6 of 2008
Dr. V S Joy, Associate Professor of Commerce			
1.	The Cochin College, Kochi	National Seminar on “Special Economic Zones and Economic Development: Opportunities and Challenges”	2010, 2 days
2.	Department of Commerce, University of Kerala & IAA	Pre Seminar “Incessantness”	2010, 1 day
3.	The Cochin College, Kochi	Workshop on Research Methodology (SPSS) in Commerce and Management	2010, 2 days
Dr. T Subash, Associate Professor of Commerce			
1.	Department of Communicative English KNM Govt. College, Kanjiramkulam	Communication via Culture	29-30 November, 2011
2.	Department of Mathematics KNM Govt. College, Kanjiramkulam	Essentials of Latex Programming	8-9 December, 2011
3.	UGC Area Study Centre for Canadian Studies, University of Kerala,	Marginal Cultures and the Canadian Experience,	17-19 March 2003
4.	Department of Statistics KNM Govt. College, Kanjiramkulam	Statistics and Research Methods,	24 January, 2008
5.	Department of Sociology, KNM Govt. College, Kanjiramkulam,	Current Trends in sociology	6-7 February 2008.
6.	Department of Sociology KNM Govt. College, Kanjiramkulam,	Human Rights – A Sociological Perspective	1-2 December, 2011
7.	Department of Mathematics KNM Govt. Arts College, Kanjiramkulam,	Workshop on Real & complex Analysis,	18-19 January 2016
8.	Kerala State Higher Education Council and University of Kerala	Curriculum Design in connection with the Restructuring of Undergraduate Courses in Commerce	24-28 February 2009
9.	Department of Commerce and Management Studies, University of Calicut	Strategic Challenges of Corporate India	27-28 May, 1998
10.	Department of Commerce and Management Studies University of Calicut	Strategic Management	14-15 January, 1998
11.	Department of Sociology KNM Govt. College, Kanjiramkulam,	Orientation Course on General Informatics	22-24 August 2011

12.	IMG, Eranakulam	Research Methodology for Teachers of Collegiate Education	17-22 May, 2010
13.	Department of Mathematics KNM Govt. College, Kanjiramkulam,	Computer Aided Mathematics Teaching,	3-4 January 2013
14.	Department of English KNM Govt. College, Kanjiramkulam,	Following the Gypsy's Foot: The Language and Literature of Travel	27-28 November 2012
15.	UGC-ASC University of Kerala,	Quality Certification in Higher Education/Right to Information Act & Universities	9 th March, 2006
16.	University of Kerala Department of Commerce, Kaeriyavattom	Workshop on M.Com Curriculum Restructuring	29-31 January 2014
17.	University of Kerala Govt. Arts College	Workshop Restructuring the Syllabi of First Degree Programme in Commerce	20-22 March 2014
Dr. Biju S K, Assistant Professor of Commerce			
1.	Department of Commerce, University of Kerala	Financial Inclusion and Cooperative Banks- Emerging Growth Models,	(4 th March, 2011)
2.	Organised by Department of Commerce, Kuriakose Gregorios College, Pampady	Application of Statistical Techniques in Commerce and Management Research,	
3.	Organised by Research Department of Commerce, The Cochin College, Kochi	Two day workshop on Research Methodology in commerce and Management,	(10 th & 11 th Dec 2010)
4.	Organised by Board of Studies; sociology (PASS), University of Kerala	Orientation Programme on Common Methodology Course and semesterisation ,	(29 th and 30 th July, 2010)
5.	Department of Commerce, Government Arts College, Trivandrum	Rural E Commerce in India: Emerging Trends and Challenges,	(15 th and 16 th March 2012)
6.	Organised by Department of Economics, Government Arts College, Trivandrum	Kerala's Finance: Emerging Issues,	(15 th Feb, 2012)
7.	Organised by Department of Commerce, Government college for Women, Trivandrum	Paradigm shift in Marketing Strategies- A Game plan for domestic Players for 21 st Century	(9 th Feb. 2012)
8.	organised by Department of Commerce, Government College, Mananthavady	"Agriculture Sector under Economic Reforms and Management of Agriculture Credit"	(1 st and 2 nd Feb, 2012)
9.	Organised by Department of Commerce, FMN College, Kollam	Two day workshop on methodology course in Commerce,	(25 th & 26 th August, 2011)
10.	Organised by Department of Sociology, KNM Government Arts College, Kanjiramkulam,	Orientation course on General Informatics,	(22 to 24 August 2011)
11.	Organised by Department of Commerce,	"The prudential Norms and	, (7 th March 2013)

	SARBTM Govt. College, Koyilandy	Indian Banking Sector”	
12.	Organised by Department of Commerce and Management Studies, SCAM Govt College, Trissure,	Business Strategies in globalised World,	(3 rd & 4 th Jan, 2013)
13.	Researchers Forum, Department of Commerce, University of Kerala	Tourism Industry- An Indian Perspective	(26 th Sept 2012)
14.	Organised by Indian Chamber of Commerce and Industry	“Requirement of Industry-Academic Inter Face”	(18 th Sept, 2012)
15.	Organised by Indian Chamber of Commerce and Industry and US Commercial services	“Doing Business with the USA, Trade Financing Options and Travel and Visa procedures”	(10 th Sept, 2012)
16.	Organised by C Achuthamenon Study Centre, Poojapura, Trivandurm	Kerala Economy in Transition: Challenges in Governance,	(26 th to 28 July 2012)
17.	AKGCT 56 th State Conference at Pattambi	The changing contours of Higher Education,	(7 th March 2014)
18.	Department of Economics, KNM Government Arts College, Kanjiramkulam	Workshop on data Sources and SPSS,	(24 th Feb 2014)
<i>Sunil Kumar V, Assistant Professor of Commerce</i>			
1.	Dept of Commerce, University of Kerala	.Industrial Development of Kerala Policies & Politics-	2009 December 16
2.	Govt college Nedumangad	Methodology & Perspectives of Business Studies-	2011 Jan 6 & 7
3.	Govt.Arts College Trivandrum.	Rural E-Commerce in India: Emerging Trends&Challenges-	2012 March 15&16
4.	Govt College Attingal.	Emerging Trends in E-Commerce	2012 March 8&9
5.	Govt College for Women Trivandrum	Methodology of Research in Social Science	2016 Feb.26 & 27
6.	Govt College for Women Trivandrum	Financial Deepening and Incusive growth: Opportunities & Challenges-	2015 Jan.19&20
7.	Govt.Arts College Trivandrum	New Vistas in Scholarly Communication & Libraries-	2013 Mar-26
8.	Akgct Trivandrum	Higher Education:Challenges &Prospects	2015 March 6
9.	Govt.College Nedumangad	Business Ethics& Indian Corporates	2012 Feb 16 & 17
<i>Purushothaman VM, Assistant Professor of Commerce</i>			
1.	School of Management and Business Studies, Mahatma Gandhi, University,Kottayam	India Ink, Taking India to the World	18-03-2006-19-03-2006
2.	Institute of Management in Kerala,Thiruvananthapuram	Faculty Development Programme on Management Games	20-09-2007

3.	University of Kerala, Thiruvananthapuram	Excellence in HR	18-08-2007
4.	Govt. College, Attingal , Thiruvananthapuram	Responsible Tourism	28-11-2013-29-11-2013
5.	Govt.College, Attingal	Impact of Convergence with IFRS: An Indian Experience	29-01-2015-30-01-2015
6.	Anti Narcotic Council of India	Drug Abuse and Illicit Trafficking	26-06-2013
7.	Govt. College Attingal	Women Right and State Development	17-01-2014
8.	Govt. College, Attingal	Methodology of Research in Social Science	26-02-2016-27-02-2016

Rejani R Nair, Assistant Professor of Commerce

1.	Department of Commerce, University of Kerala under UGC-Special Assistance Programme	Financial Sector Reforms and the Banking Industry in India- Opportunities and Challenges”	Feb 23rd&24th 2012.
2.	Department of Commerce, Govt. College Kattappana, sponsored by the Directorate of Collegiate Education	Workshop on “Statistical Techniques and Research Methodology in Commerce and Management”	30th, 31st Jan and 1st Feb 2012
3.	Department of Commerce, Govt. College Kattappana, sponsored by UGC	Micro Finance and Financial Inclusion- Issues and Challenges”,	26th & 27th August 2013
4.	Department of Commerce, School of Business Management and Legal Studies, University of Kerala	“Trading in Derivatives- Emerging Threats and Opportunities”	5th November 2013.
5.	P.G & Research Department of Commerce, Govt. Arts College Tvpm, sponsored by Director of Collegiate Education.	“Green Marketing”,	13th December 2013
6.	P.G Department of Commerce, Syed Abdu RahimanBafakhiThangal Memorial Govt.College, Koyilandy	“Service Marketing Challenges and Prospects”	10th & 11th December 2015
7.	P.G & Research Department of Commerce, Govt. Arts College, Tvpm, sponsored by Directorate of Collegiate Education	“Service Sector and Indian Economy: Opportunities, Problems and Sustainability Issues”	8th & 9th January 2016
8.	Organised by Govt. College, Kottayam, sponsored by Directorate of Collegiate Education	Social Science Research: Design, Data Mining and Statistical Modelling”	4th to 6th February 2016

Dr. Shijumon K J, Assistant Professor of Commerce

1.	Department of commerce, Pondichery University and school of management	International conference on micro finance, Micro finance and entrepreneurship for urban poverty alleviation	2011, 2 days
2.	KG College Pampady kottayam	Workshop on spss	2012, 10days
3.	Dept. Commerce, Bangalore	Inclusive growth and sustainability- Role of Commerce Education in India	Dec 2013

4.	Catholicate College Pathanamthitta	Innovative methods and techniques in social science research	2013, 2 days
5.	PG Dept. Of Commerce Govt. College Attingal	Responsible Tourism.	2013
6.	PTM Govt. College Perinthalmanna	Statistical Techniques on social science Research	2014
7.	Govt. College for women Trivandrum	Service marketing challenges and prospects	2015
8.	Govt. Arts College Trivandrum.	Service sector and Indian Economy: opportunities, problems and Sustainability Issues.	2016

DEPARTMENT OF ECONOMICS

Dr. G L Arunjilal, Associate Professor of Economics

1	Govt. IASE, Thrissur	Models of Teaching	1999- 02 days
2	Govt. Arts College, Thiruvananthapuram	New Trends in Capital Market	2003-02 days
3	F M N College, Kollam	Globalization and Agriculture	2004- 01 day
4	Department of Economics, University of Kerala	Modernising Government Programme in Kerala	2004-02 days
5	Department of Economics, Govt. College for Women, Tvpm	Teaching of Business Economics at the Post Graduate Level	2004- 03 days
6	Govt. College, Kanjiramkulam Tvpm	Sociology of Environment	2007-02 days
7	Govt. Arts College, Thiruvananthapuram	Revisiting the Ideological and Political Issues in Kerala	2008-02 days
8	Govt. of Kerala	Democratic and Secular Education	2008-03 days
9	Board of studies, University of Kerala	Restructuring of Under Graduate Course in Economics	2009- 05 days
10	Department of Economics, Government Arts College, Thiruvananthapuram.	Indo-ASEAN Free Trade Agreement: Challenges and opportunities	2009- 02days
11	Govt. College, Kanjiramkulam Thiruvananthapuram	Development Issues of Kerala Economy	2010-01 day
12	F M N College, Kollam	Women Migration and Mental Health: New Challenges	2010-02 days
13	Council for Teacher Education	International Educational Meet on Education for Global Excellence	2012-02 days
14	Department of Economics, Govt. Arts College Tvpm.	National Seminar on Subsidies in India: Issues and Implications	2013-01 day
15	Govt. College, Kanjiramkulam Thiruvananthapuram	Kerala Economy: Issues, Challenges and Prospectus	2013-02 days
16	AKGCT 55th State Conference,	National Seminar on Higher	2013-01 day

	Kozhikode	Education Policies: Prospects and Challenges	
17	Department of Economics, Govt. College for Women, Tvpm.	Workshop on Central Budget Analysis	2013-01 day
18	AKGCT, 57th State Conference, Thiruvananthapuram	National Seminar on Higher Education: Challenges and Prospects	2015-01 day
19	Department of Economics, University College, Trivandrum	National Seminar on New Trends in Labour Market	2015-02 days
20	Department of Commerce, Govt. Arts College, Trivandrum	National Seminar on Service Sector and Indian Economy	2015-02 days
21	Department of Economics, Government Arts College, Thiruvananthapuram	National Seminar on “Labour Market is in Transition: Issues and Implications.	2016-02 days
Anitha K, Assistant Professor in Economics			
1	Dept of Economics, University of Kerala, Kariavattom	Development Economics	2009 3 Days
2	Govt Arts College, thiruvananthapuram	International Trade	2009
3	Govt Arts College, Thiruvananthapuram	Economic Planning	2015
Bindu S, Associate Professor of Economics			
1	Department of Economics, Govt.Arts College, Tvm	Economics of Tourism	2005
2	Department of Economics & Political Science , Govt. College, Nedumangad	Local resistance in the age of globalisation	2005
3	Thiruvananthapuram, Institute of Social Sciences, New Delhi	A decade of Decentralisation in Kerala: Issues, Options and Lessons	2005
4	Department of Economics, Govt. College For Women, Tvm	Development narrative of Kerala: Old and New	2006
5	Department of Political Science, Govt. Arts College, Tvm	Revisiting the ideological and political issues in Kerala’s Economic Development’	2008
6	Department of Economics, University of Kerala.	Indian service sector in the post reform period	2009
7	Department Of Economics, Govt. Arts College, Tvm	Indo-ASEAN Free Trade Agreement: Challenges and opportunities	2009
8	Department of Economics, University of Kerala.	Development vs. Deprivation in the Era of Globalisation	2009
9	Department of Commerce, Govt. Arts College, Tvm	Service Sector and Indian Economy: Opportunities, Problems and Sustainability Issues	2016
Saly M S, Assistant Professor in Economics			
1	Govt. Arts College, Dept. of Economics	Indo-Asean Free Trade Agreement : Challenges and Opportunities”	2009,2 days
2	Dept. of Economics, University of Kerala	Conference on Development vs Deprivation in the era of Globalisation	2009, 2 days

3	Thiruvananthapuram	Workshop on “Teaching of Indian Economy	2011, 1 day
4	Govt. Arts College, Dept. of Economics	Seminar on “Subsidies in India: Issues and Implications”	2013, 2 days
5	Govt. Arts College, Dept. of Economics	National Seminar on State Finance – February	2012, 2 days
6	Govt. Arts College, Dept. of Economics	National Seminar on Dismantling Planning Commission in India : Is NITI AYOGE an Alternative ?-	2015, 2 days
7	Govt. Arts College, Dept. of Economics	National Seminar on Labour Market in Transition : Issues and Implications	2016, 2 days

Dr Abin T Mathews, Assistant Professor of Economics

1	Maharaja’s College, Ernakulam Collegiate Education, Govt of Kerala	Fiscal Consolidation and Reflections on Union Budget	2011, one day
2	MG University	Workshop to Review Curriculum of BA Economics Programme	2011, one day
3	Maharaja’s College, Ernakulam Collegiate Education, Govt of Kerala	Global Economic Crisis and its Ramifications on Indian Financial Sector	2012, one day
4	Govt College, Tripunithura Collegiate Education, Govt of Kerala	Research and Knowledge Management- The Role of Industry and Academia	2012, one day
5	Govt Arts College, Trivandrum Collegiate Education, Govt of Kerala	Kerala Finance	2012, one day
6	Govt Arts College, Trivandrum Collegiate Education, Govt of Kerala	Subsidies in India: Issues and Implications	2013, one day
7	Kerala State Science and Technology Museum The Kerala State Higher Education Council	Vision and Strategy for Higher Education in India: Steps Ahead	2014, half day
8	University College, Trivandrum Collegiate Education, Govt of Kerala	Western Ghats Conservation and Development of Kerala	2014, one day
9	Govt Arts College, Trivandrum Collegiate Education, Govt of Kerala	Dismantling Planning Commission in India	2015, one day
10	PM Govt College, Collegiate Education, Govt of Kerala	Post Keynesian Developments in Macroeconomics, Gaps in Theory and Practice	2016, one day

Prathibha H, Assistant Professor of Economics

1	School of Distance Education, University of Kerala, Thiruvananthapuram	Colloquium on Kerala Perspective Plan 2030	21st February 2014
2	Dept. of Economics, Govt. Arts College, Thycad, Thiruvananthapuram	National Seminar on Subsidies in India : Issues & Implications	30th January 2013
3	Dept. of Economics, University College, Palayam, Thiruvananthapuram	National Seminar on Democracy & Neo-	18-19 October 2012

		Liberalism in India	
4	Dept. of Economics, Govt. Women's College, Vazhuthacaud, Thiruvananthapuram	National Seminar on Financing Health Services in India : A Search for Alternatives	4-6 January 2012
5	P.G. Dept. of History, Govt. College, Nedumangad, Thiruvananthapuram	Orientation Programme on Methodology in Social Sciences	26-27 August 2011
<i>Rejith R L, Assistant Professor of Economics</i>			
1	Thiruvananthapuram, FLAIR	Research Workshop	2015, 5 days
2	ISEC, Bangalore, FLAIR	Workshop on Qualitative Research	2014, 5 days
3	TISS, Mumbai, FLAIR	Workshop on Research Methodology	2015, 5 days
<i>DEPARTMENT OF ENGLISH</i>			
<i>Dr. Deapen, Assistant Professor of English</i>			
1.	Directorate of Collegiate Education, Kerala and conducted by the Department of English, Government Arts College, Thiruvananthapuram.	Culture after Theory: A Retrospective on Cultural Studies,	29-Feb-2016 & 01-Mar-2016
2.	Directorate of Collegiate Education, Govt of Kerala	Literary Criticism and Literary Theory	15 & 16-Dec-2014
3.	Department of Political Science, Govt Arts College, Thiruvananthapuram	National Seminar on Revisiting the Ideological and political Issues in Kerala's Economic Development organised by	23 & 24-Jan-2008
4.	Govt of Kerala, Kerala University campus, Kariavattom, Thiruvananthapuram	Democratic and Secular Education	04 to 06-12-2008
5.	Thiruvananthapuram cluster of Colleges at Government College for Women, Thiruvananthapuram	Cluster College Scheme,	27-Oct-09
6.	Dept of English, Government College, Kottayam	Textual Transplantation: Possibilities and Poetics	18 & 19-Mar-2013
7.	55 th State Conference of Association of Kerala Government College Teachers held at Kozhikode.	Higher Education Policies: Prospects and Challenges	08-Mar-13
8.	Association of Kerala Government College Teachers held at Pattambi.	The Changing Contours of Higher Education	07-Mar-14
9.	Association of Kerala Government College Teachers held at Thiruvananthapuram.	Higher Education: Challenges and Prospects	06-Mar-15
<i>Renjini R, Assistant Professor of English</i>			
1.	Institute of English, University of Kerala	National Seminar on Kerala's Cultural History	18 & 19 March 2016
2.	Department of Chemistry, Govt Art's College, Tvpm.	National Seminar on Transcending Areas in	14 & 15 March 2016

		Chemistry	
3.	UGC Area Study Centre for Canadian Studies, University of Kerala	Canadian Lecture Series	5& 6 February 2016
4.	10 th P.K. Rajan Memorial	P.K. Rajan Memorial Lecture Disenchanted religion and Re- Re-enchanting Imagination: Tracing a Cultural Trajectory	29 January 2016
5.	Department of English, Govt University College, Tvpm.	National Seminar on Changing Perspectives in Translation Studies	15 & 16 December 2015
6.	Departments of Malayalam and Sanskrit, Govt Art's College, Tvpm	National Seminar on Malayalam Translations of Sanskrit Dramas	11 December 2015
7.	Institute of English, University of Kerala	International Conference on Latin Language and World Cultures	11 & 12 March 2010
8.	Department of Economics, Govt College Attingal, Tvpm, University of Kerala	National Seminar on Global Economic Recession: issues and Challenges	7 & 8 December 2009
9.	Institute of English, University of Kerala	National Seminar on Imagining Cultures beyond disciplines: Cultural Studies in India	19 & 20 March 2009
10.	Department of English, Nehru Arts and Science College, Kanhangadu.	National Seminar on WRIT INDIA 08	23 & 24 September 2008
<i>Bimal Edwin, Assistant Professor of English</i>			
1.	UGC Area Study Centre for Canadian Studies, University of Kerala, Thiruvananthapuram.	Spatial Configurations: Canada and India conducted	16 & 17-Nov-2012
2.	Association of Kerala Government College Teachers held at Kozhikode.	Higher Education Policies: Prospects and Challenges	08-Mar-13
3.	Dept of Economics, Govt arts College, Thiruvananthapuram	Subsidies in India: Issues and Implications	30-Jan-13
4.	Association of Kerala Government College Teachers held at Pattambi.	The Changing Contours of Higher Education organised State Conference of	07-Mar-14
5.	Directorate of Collegiate Education, Govt of Kerala	Two Day National Workshop on Literary Criticism and Literary Theory	15 & 16-Dec-2014
6.	Dept of Law, Kariyavattom and National Service Scheme	Free Legal Aid Programme,	21-Mar-14
7.	Association of Kerala Government College Teachers held at Thiruvananthapuram.	Higher Education: Challenges and Prospects	06-Mar-15
8.	DCE, Kerala and conducted by the Department of English, Government Arts College, Thiruvananthapuram.	Culture after Theory: A Retrospective on Cultural Studies	29-Feb-2016 & 01-Mar-2016
<i>Devika Panikar, Assistant Professor of English</i>			
1.	Sri Sankaracharya University of Sanskrit,	humanities and social	2008

	Trivandrum centre	sciences exploring new frontiers	
2.	University College, Trivandrum	internal quality assurance	2011
3.	Sri Sankaracharya University of Sanskrit, Trivandrum centre	perspectives on theory	2011
4.	Government Arts College, Trivandrum	new vistas in scholarly communication and libraries	2013
5.	Government Arts College, Trivandrum	literary criticism and literary theory	2014
6.	Centre for Women's Studies, University of Kerala	decolonizing theories of the emotions	2015
7.	University College, Trivandrum	changing perspectives in translation studies	2015
8.	Government Arts College, Trivandrum	culture and theory: a retrospective on cultural studies	2016
<i>Dr. Manju C R, Assistant Professor of English</i>			
1.	Workshop on Teaching English Language Skills jointly organized by the Board of Studies in English(UG),University of Kerala and the Cambridge University Press	Workshop on Teaching English Language Skills/State Level	19-20 October 2010
2.	Viswa Malayala Mahotsavam at Thiruvananthapuram	International	31 October 2012
3.	Two Day National Workshop on "Literary Criticism and Literary Theory" organized by the Dept.of English, Govt.Arts College, Thiruvananthapuram	Literary Criticism and Literary Theory/ National	15-16 December 2014
4.	National Seminar on "Higher Education: Challenges and Prospects" organized by AKGCT,	Higher Education: Challenges and Prospects/ National	6 March 2015
5.	Workshop on "The Impact of Implementing the Recommendations of Hridayakumari Committee Report "organised by the Board of Studies in English(UG)	The Impact of Implementing the Recommendations of Hridayakumari Committee Report/ State Level	9 Sept 2015
6.	Two Day National UGC-NAAC Sponsored Workshop" Towards Formulating Best Classroom Practices in Teaching, Learning and Evaluation" organised by IQAC, Mar Ivanios College, Thiruvananthapuram	Towards Formulating Best Classroom Practices in Teaching, Learning and Evaluation/ National	10-11 September 2015
7.	AKGCT Conference and Educational Seminar	The Impact of Service Trade Agreement on Higher Education/ National	12 Feb 2016
<i>Anju A Palavila, Assistant Professor of English</i>			
1.	Directorate of Collegiate Education, Kerala and conducted by the Department of English, Government Arts and Science	One Day Seminar on Emerging Innovation and media Trends	2013

	College, Kozhijampara		
2.	Department of English, Government Arts and Science College, Kozhijampara	Two Day National Seminar on Language, Literature and Culture: Exploring New Contours	2014
3.	Directorate of Collegiate Education, Govt of Kerala	Two Day National Workshop on Literary Criticism and Literary Theory	2014
4.	Centre for Women's Studies, University of Kerala	Decolonizing Theories of the Emotions	2015
5.	University College, Trivandrum	Changing Perspectives in Translation Studies	2015
6.	Department of English, Government Arts College, Thiruvananthapuram	Two Day National Seminar, Culture after Theory: A Retrospective on Cultural Studies	2016
<i>Nazia R Hassan, Assistant Professor of English</i>			
1.	Dept. Of English, Govt. Arts College, Trivandrum	National Seminar-Culture After Theory: A Retrospective on Cultural Studies	29February- 1 March
2.	Department of English, Govt Art's College, Tvpm.	National Workshop on Literary Theory	15&16 December 2014
<i>DEPARTMENT OF PHYSICS</i>			
<i>Biji M S, Assistant Professor of Physics</i>			
1.	National Space Science symposium, VSSC, Trivandrum	Space and Atmospheric science	9 to 12 Feb.2016
2.	Dept. of Physics, Govt college for women, Trivandrum	National seminar on Advancements in Material Science	3,4 December2015
3.	Senate chamber ,CACEE,University of Kerala	One day orientation programme to Placement officer	11 December 2015
4.	Dept. of Physics, University college, Thiruvananthapuram	National seminar on Modern trends in Physics	23 &24 Jan 2015
5.	Dept. of Physics, University college, Thiruvananthapuram	National Seminar on Advancement in Physics	6&7 February 2013
6.	Dept. of History, Govt Arts College, Thiruvananthapuram	One day Seminar on Kerala History and Culture	17 Feb 2012
7.	Dept. of Physics, University college, Thiruvananthapuram	National Seminar on Recent Trends in Physics	22&23 March 2012
8.	Govt college for women, Trivandrum organised by Directorate of Collegiate Education, Kerala	One day workshop Internal mentors of WWS	19 December 2012
9.	Dept. of Physics, Govt college for women, Trivandrum	New Dimensions in Material science	15 & 16 December 2011
10.	Dept. of Physics, Fathima Mata National College, Kollam	Astro-2011-Seminar on Introductory Astronomy and Astro Physics	20-22 October 2011

Vikas L S, Assistant Professor of Physics			
1	Cochin University of Science and Technology, Kochi, India	Energy Materials (EM-2014)	2014 December 4.
2.	Cochin University of Science and Technology, Kochi, India	The second International conference on Optoelectronic Materials and Thinfilms for Advanced Technology (OMTAT 2013)	2013 January 3-5
3	Mar Athanasius College, Kothamangalam, India	Fundamentals of Powder diffraction and microstructural characterisation of materials	2012 February 6-7
4.	SatyendraNath Bose National Centre for Basic Sciences, Kolkata	Advanced School on High Resolution X-ray techniques, Atomic force microscopy and their	2011 December 14-15
5.	IIT Bombay, Indian Nanoelectronics Users' Programme	6th INUP Familiarization workshop on nanofabrication technologies	2011 November 30-December 04
6.	Cochin University of Science and Technology, Kochi, India	The third international conference on frontiers in Nanoscience and technology	2011 August 14-17
7.	Cochin University of Science and Technology, Kochi, India	Preconference workshop held in connection with Cochin Nano 2011	2011 August 14-17
8	Dept. of Physics, Mar Ivanios college, Trivandrum, India	Lecture workshop on Quantum mechanics, Quantum field theory, Group theory and tensors	2007 August 1-3
9.	Dept. of Mechanical Engineering, Govt. Engineering college, Barton Hill, Thiruvananthapuram, India	Nanotechnology- The technology of the future	2007 March 28
10.	Dept. of Physics, St. Thomas College, Kozhencherry, India	Seminar on Recent trends in Applied Physics	2007 February 22-23
Adheena P S, Assistant Professor of Physics (FDP Substitute)			
1.	EDUSAT studio, Directorate of Collegiate Education	EVALUATION CLASS(in connection with Orientation Programme on Evaluation for college teachers)	2015 June 25
2.	Govt. College for Women	National Seminar on ADVANCEMENTS IN MATERIAL SCIENCE	2015 Dec 3 rd & 4 th
3.	Dept. Of Physics, Govt.Arts College, Tvpm	National Seminar on Space Physics and Quantum Mechanics	2016 Feb 18 th & 19 th
Seema C S, Assistant Professor of Physics (on FDP)			
1.	Dept of Statistics, Govt Arts College	Statistical computing using R	26-27 February, 2016
2.	Dept. of Physics , University College,	National seminar on current Perspectives in Physics	15-16 Feb, 2016

3.	Dept. of Physics, Govt Arts College	National Seminar on Space Physics & Quantum Mechanics	18-19 Feb. 2016
4.	Dept. of Physics, Govt Arts College	Ozone & Ultraviolet	13th October 2015
5.	Dept. of Physics, Govt college for Women	National seminar on advancements in material science	3-4 Dec 2015
6.	Academy of Physics Teachers	Workshop on Lagrangian Dynamics	27-28 June 2015
7.	Dept. of Physics, Govt Arts College	National seminar on Advances in Physics-NAP-2015	4-5 February 2015
8.	Dept. of Physics, Govt Arts College	Ozone 2014	25 Sept 2014
9.	Dept. of Physics, Govt Arts College(UGC sponsored)	Workshop in Experimental Physics	12 November 2014
10.	Mar Ivanious College, Board of studies in Physics	Workshop on syllabus revision in FDP	27-18 March 2014
11.	Dept. of Physics, Govt Arts College	National Science Day celebrations -2014	19 Feb 2014
12.	Dept. of Physics, Govt Arts College	National seminar on Fundamental and applied Physics-2013	11-12 December 2013
13.	Dept. of Physics, Govt Arts College	Atmosphere we live-Ozone day	24 October 2013
14.	Dept. of Physics, Govt college for Women	National Seminar on introduction to Quantum Information	25 Nov 2013
15.	Directorate of Collegiate Education	Workshop for Internal mentors on WWS programme	9-10 October 2013
16.	Dept. of Physics, Govt college for Women	New dimensions in Material Science	15-16 December 2011

DEPARTMENT OF STATISTICS

Dr. Sheela K L, Associate Professor of Statistics

1	Dept. of Statistics, University College, Thiruvananthapuram	Design of Experiments in Agriculture	2000
2	Dept. of Statistics, University College, Thiruvananthapuram	Contributions of Prof. C.R Rao Prof.A Wald to Mathematical Statistics	2001
3	Dept. of Statistics, University College, Thiruvananthapuram	Statistics and Scientific Research	2001
4	Dept. of Statistics, University of Kerala	Statistics in the Twenty-first Century in Memory of Dr.U.Sivaraman Nair	2002
5	Dept. of Statistics, University of Kerala	On the Life and Contributions of Great Indian Statistical Missionary and Visionary of Statistics	2003
6	Dept. of Statistics, Maharaja's College, Ernakulam	Statistics for College Teachers	2004
7	Dept. of Demography, University of	Demographic Changes and	2004

	Kerala	Implications	
8	Dept. of Statistics, University of Kerala	Stochastic Process Modeling, Distribution Theory and Order Statistics	2006
9	Dept. of Demography, University of Kerala	Demography of Kerala: 1951-2001	2007
10	KNM Govt. Arts & Science College, Kanjiramkulam	Statistics and Research Methods	2008
11	Govt. College, Kariavattom, Thiruvananthapuram	Statistics & Mathematics	2008
12	Govt. of Kerala	Democratic and Secular Education	2008
13	Kerala State Higher Education Council & University of Kerala	Curriculum Design for Statistics	2009
14	University of Kerala	Regulations of CBCSS	2009
15	Board of Studies in Statistics (Pass) & University of Kerala	Restructuring the Undergraduate course in Statistics	2009
16	Kerala State Higher Education Council & University of Kerala	Methodology and common courses for restructured undergraduate programme in Statistics	2010
17	UGC-Academic Staff College, University of Kerala	Semesterization of UG programme under CBCSS	2010
18	University of Kerala	Positive Steps to Handle Violence Against Women	2012
19	University of Kerala	UG Online Admission	2012
20	Directorate of Collegiate Education, Govt. of Kerala	WWS Programme	2012
21	Directorate of Collegiate Education, Govt. of Kerala	WWS Programme	2013
<i>Sreekumar N V, Assistant Professor of Statistics</i>			
1	Department of Mathematics, T.M. Govt. College, Tirur	State Level seminar on Mathematical Analysis and Number Theory	10-11 November 2009
2	Department of MCA, UC College, Aluva	Workshop on SCILAB and LaTeX	25-27 Feb. 2010
3	Department of Statistics, University of Kerala, Thiruvananthapuram	National Conference on Statistics for Twenty-first Century	17-19 March, 2011
4	International Centre for Free and Open Source Software and Department of Statistics, University of Kerala, Thiruvananthapuram	Advanced training on GNU/ R software	1-2 August, 2011
5	Kerala statistical Institute	Workshop on Official Statistical System in India	20 January, 2014
6	Department of Statistics, University College, Thiruvananthapuram	National Workshop on Data Analysis for Research using Statistical Packages	26-27 February, 2015
7	Department of Statistics, Sree Narayana	National seminar on Recent	26-27 March, 2015

	College, Chempazhanthy	Advances and Trends in Statistics and data Analysis	
Dr. Vineshkumar V, Assistant Professor of Statistics			
1	Department of Statistics, Cochin University of Science and Technology	International Workshop on Statistical Analysis of Time Series Data with Applications	January 14-16, 2013
2	Department of Statistics, Cochin University of Science and Technology	International Workshop on Reliability Theory and Survival Analysis	31.12.2013 to 02.01.2014
3	Department of Statistics, University College, Thiruvananthapuram	National workshop on Data Analysis for Research using Statistical Packages	26.02.2015 to 27.02.2015
3	Department of Statistics, SN College, Chempazhanthy	National Seminar on Recent Advance and Trends in Statistics and Data Analysis	26.03.2015- 27.03.2015
4	P G Board of Studies, University of Kerala (at Department of Statistics, University of Kerala, Kariavatom)	Workshop to revise the syllabus of M. Sc Degree Statistics Course of University of Kerala	20.03.2015 to 21.03.2015
5	Department of Statistics, Govt Arts College, Thiruvananthapuram	National Workshop on Statistical Computing Using R	26.02.2016 to 27.02.2016
Dhanya Nair R, Assistant Professor of Statistics			
1	Department of Statistics, University of Kerala	International conference on Statistics for twenty-first century-2015	3 days
2	P.G Board of Studies, University of Kerala	Workshop to revise Syllabus of M.Sc Statistics Degree Course	2 days
3	Department of Statistics, University College	Workshop Data Analysis for Research using Statistical Packages	2 days
4	University College	National Seminar on New Trends in Higher Education	2 days
5	Department of Statistics, University of Kerala	Workshop on Restructuring of courses in Statistics under CBCSS and implementation of Prof. Hridayakumari committee Report	1 day
6	S.N College, Varkala	Workshop on Academic Writing	2 days
7	Kerala Statistical Institute	Workshop on Official Statistics System in India	1 day
8	Department of Statistics, University College	Workshop on R-Programming for Statistical Computing	2 days
9	KNM Govt.Arts and Science College	National seminar on Fuzzy Sets and Fuzzy Logic with its applications	2 days
10	Department of Statistics, University of Kerala	National conference on Statistics for twenty-first century	3 days

11	KNM Govt.Arts and Science College	Methodology of science with special emphasis on python learning	2 days
12	Department of Statistics, University of Kerala	National conference on Statistics for twenty-first century	3 days
13	UGC-Academic Staff College, University of Kerala	Orientation programme on UG semesterization	3 days
14	Govt.Arts College, University of Kerala	Orientation programme on UG semesterization	1 day
15	Department of Statistics, University of Kerala	Applications of Statistics in New Frontiers Of Science	1 day

Laji M, Assistant Professor of Statistics

1	Department of Statistics, University of Kerala	National Seminar on Stochastic Process Modelling, Distribution Theory and Order Statistics	2006 , Two Days
2	Department of Statistics, University of Kerala	Seminar on Application in New Frontiers of Science	2008, One Day
3	Department of Statistics, University of Kerala	Workshop on Restructuring in Statistics under CBCSS	2014, One Day
4	Govt.Arts College, Thiruvananthapuram	Workshop for Revising the Syllabus of Complementary Statistics for Degree Courses	2016, Two Days

GENERAL DEPARTMENTS***Dr. Ajitha Kumari B, Associate Professor of Hindi***

1	Two day National Seminar at University College, Tvpm	Post Modernism in Hindi Fiction	9 th – 10 th January 2008
2.	Two day UGC sponsored National Seminar at Govt. College Attingal	The impact of the entry of multinational corporations in the retailing business scenario in Kerala	27 th – 28 th November 2008
3	Two day National Seminar at Womens College, Tvpm	Hindi Fiction since 1980	2 nd -3 rd December 2004

Kumari Vanaja N B, Associate Professor of History

1.	Institute of English, University of Kerala	Canadian Lecture Series	1991, 2 Days
2.	INDIS	National Environment Awareness Campaign	1998, 1 Day
3.	IMG	Cyber Crimes	2010, 3 Days
4.	Government Arts College	New Vistas in Scholarly communication and libraries	2013, 1 Day
5.	Government Arts College	Green Marketing	2013, 1 Day
6.	AKGCT	National Seminar on Higher education- Challenges and Prospects	2015, 1 Day

Daliya S, Assistant Professor of Malayalam

1.	Govt.Sanskrit College Trivandrum U.G.C	Comparative Literature: Hindi and Other Languages	18 th and 19 th July 2008
2.	Kerala University Campus Trivandrum	Democratic and secular	4 th to 6 th December

	Government of Kerala	education	2008
3.	Govt Arts College, Trivandrum Collegiate Education Dept	Kerala History and culture	17 th February 2012
4.	University College Trivandrum Collegiate Education Dept	A .R. and Malayalam Literature	3 rd and 4 th December 2014
Dr. Priya L, Assistant Professor of Sanskrit			
1.	Government Arts college, Trivandrum Collegiate Edn.Dept	New vistas in Scholarly communication and Libraries	26/03/2013
2.	Government Arts college, Trivandrum Collegiate edn.dept.	Two day National workshop on Literary Criticism and Literary Theory	15 th & 16 th December 2014
3.	Govt Arts College, Trivandrum Collegiate Education Dept	Kerala History and culture	17 th February 2012
Dr. Benady K, Assistant Professor of Tamil			
1.	Bhodeswaran Foundation	Indian Literature and the freedom struggle	2004 (1day)
2.	Victoria College, Palakkad	Dravidian Aesthetics & Modern Tamil Poetry	2008 (2days)
3.	University College, Trivandrum	Modernism and Post Modernism In Tamil Literature	2009 (1day)
4.	Govt College, Chittur, Palakkad	Restructuring Under graduate Education	2009 (1day)
5.	Govt Arts College, Thycaud.	Literary Criticism and Literary Theory	2014 (2 days)
Kumari Sreeja, Assistant Professor of Maths (on FDP)			
1.	Dept of Mathematics, University of Kerala	UGC sponsored National Seminar on Pure and applied Mathematics	28-29 May 2015
2.	Dept of Mathematics, University college, TVM	UGC sponsored National Conference on Pure and applied Mathematics	28-29Jan 2015
3.	Dept of Mathematics, Mar Ivanios College TVM	UGC sponsored National workshop on Pure and applied Mathematics	9-11 Dec 2015
4.	AICTE sponsored National conference at LBS Engg College, Tvm	National seminar in Pure and applied Maths	Nov 2012
5.	Seminar org by dept of Maths , College of Engg, Tvm	Conference in Applied Maths	Nov 2007
6.	Workshop organised by Dept of Maths, College of Engg, Tvm	Workshop on random process and its applications	Dec 2010
7.	Dept of Maths, College of Engg, TVM	National seminar in pure and Applied Maths	Feb 2013

CRITERION III**RESEARCH, CONSULTANCY AND EXTENSION****3.1 Promotion of Research*****1.1.1 Does the institution have recognized research centre/s of the affiliating University or any other agency/organization?***

Yes. The Post Graduate Department of Commerce is a recognised research centre of the University of Kerala, with five research scholars working towards Ph.D.

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

Yes. There is a Research Committee functioning in the college to facilitate and monitor research activities and to popularize the importance of research and development in the field of higher education. The committee comprises of a co-ordinator, research guides and one representative from each department. The teachers of this college are encouraged to avail the Faculty Development Programme (FDP) of the UGC as well as other research projects, both major and minor. To create a research perspective among the teachers and students, seminars and conferences are being organized in the college. Necessary infrastructural facilities are provided in the form of seminar halls, smart class rooms, computer laboratories, etc. The committee encourages students to take up projects which have potential for future research.

Research Committee

Chairperson	-	Dr. G. Vijayalekshmi (Principal)
Coordinator	-	Dr. Gracious J. (Assistant Professor of Commerce)
Members	-	(One faculty from each department)
		Dr. K. K. Damodaran (Commerce)
		Dr. Manju C.R. (English)
		Dr. Sheela K.L (Statistics)
		Dr. G. L. Arunjilal (Economics)
		Dr. Alan Sheeja (Chemistry)

Dr. Prince P.R. (Physics)

Dr. Harikumar S.L. (Political Science)

Dr. Benady K. (Tamil)

Mr. Ajithkumar P. (Biotechnology)

The major decisions taken by the research committee during the academic year:

- Encourage the faculty who do not possess research degrees to enrol as research scholars in universities or other recognized research centres at the earliest.
- Motivate and guide the faculty and scholars of the centres to take up minor/ major projects.
- Encourage the faculty members to attend seminars organized by various institutions to get in touch with the latest developments in their respective fields.
- Subscribe to research journals in the departments, especially the research centres.
- Motivate the faculty to regularly publish articles and research papers in various national and international journals.

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

Autonomy to the principal investigator: The principal investigators are given complete autonomy regarding the projects assigned to them.

Timely availability or release of resources: The funds granted by the funding agencies are communicated to the investigator and the grants are released on time.

Adequate infrastructure and human resources: The college provides adequate infrastructure such as laboratories and libraries for carrying out research projects.

Time-off, reduced teaching load, special leave etc. to teachers: Teachers are given time off, reduced teaching load, special leave etc. to engage in research projects.

Support in terms of technology and information needs: The institution has supporting systems in terms of technology and information such as OERC, INFLIBNET, e- journals etc. Teachers and students can use the computer lab and internet facility of the college for doing projects.

Facilitate timely auditing and submission of utilization certificate to the funding authorities: The office provides support for timely audit and submission of utilization certificate to the funding authorities.

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

The institution promotes research activities among the student community. In order to inculcate a taste for academic research, students are encouraged to participate in seminars, workshops, conferences and invited lectures. The projects assigned to the students are based on topics meant to improve scientific temper and creativity. In addition to this students in both UG and PG are undertaking a dissertation (project work) as part of the requirements for the partial fulfilment of the programme.

3.1.5 Give details of the faculty involvement in active research

Details of Research guides

Name of the Guide	Department	No of Scholars	
		Awarded PhD	Undergoing PhD
Dr. Gracious J.	Commerce	-	10
Dr. Subash T.	Commerce	-	-
Dr. Prince P.R.	Physics	-	7
Dr. Alan Sheeja D.B.	Chemistry	-	-

Teachers having PhD

Sl. No.	Name of faculty	Department	Year of award of PhD
1.	Dr. K.K. Damodaran	Commerce	2013
2.	Dr. Joy V.S.	Commerce	2013
3.	Dr. Subash T.	Commerce	2013
4.	Dr. Biju S.K.	Commerce	2015
5.	Dr. Gracious James	Commerce	2009
6.	Dr. G.L. Arunjilal	Economics	2009
7.	Dr. Abin T Mathews	Economics	2015
8.	Dr. Harikumar S.L.	Political Science	2013
9.	Dr. Benady K.	Tamil	2013
10.	Dr. Priya L.	Sanskrit	2000
11.	Dr. Ajitha Kumari B.	Hindi	2011

12.	Dr. Manju C.R.	English	2010
13.	Dr. Bimal Lazar	Physical Education	2003
14.	Dr. Ragaseema V.M.	Biotechnology	2012
15.	Dr. D. Santhosh Kumar	Chemistry	1996
16.	Dr. Alan Sheeja D.B.	Chemistry	2011
17.	Dr. Vishnu V.S.	Chemistry	2012
18.	Dr. Sheela K.L.	Statistics	2008
19.	Dr. N.V. Sreekumar	Statistics	2007
20.	Dr. Vineshkumar B.	Statistics	2013
21.	Dr. Prince P.R.	Physics	2002

Details of Research Scholars

Sl No.	Scholar Name	Guide	Topic
1	Mr. Davood Yousofvand	Dr. Gracious J.	ERP system and Accounting Information – A case study of Indian Cement Industry.
2	Ms. Maryam Karami Poshgalani	Dr. Gracious J.	A study on Management Accounting Practices in Textile Industry of Kerala.
3	Mrs. Renjitha Rajeev	Dr. Gracious J.	Social Responsibility of Business: A study of News media Industry in Kerala
4	Mrs. Fouziya R.	Dr. Gracious J.	Role conflict and role overload among working mothers in the I.T. sector of Kerala.
5	Mr. Bineesh B.	Dr. Gracious J.	Economic empowerment of coastal people through fisheries and allied industries in Kerala.
6	Mr. Renjith R.S.	Dr. Gracious J.	Economics of protected area management in Kerala
7	Mr. Ramkesav.	Dr. Gracious J.	Crisis management strategies in the tourism industry in Kerala
8	Mr. Liju P	Dr. Gracious J.	Economic Empowerment and Morale of Employees: A study of Indian Coffee Houses in Kerala.
9	Mrs. Rajitha C.R.	Dr. Gracious J.	Farm Tourism in Kerala: Issues and Challenges
10	Mrs. Berny B Raj	Dr. Gracious J.	Investment behavior of working women: A comparative study of India and Oman
11	Seema C. S.	Dr. Prince P.R	A detailed study of the geomagnetic and ionospheric disturbances at storms and substorms.
12	Jayalekshmi G. L.	Dr. Prince P.R	A study on the distinction and characteristics of long and short-term geomagnetic disturbances and their impacts on earth
13	Suji G.	Dr. Prince P.R	Anomalous variations in long-term solar activity and its effects
14	Santhoshkumar G.	Dr. Prince P.R	Thermal, electrical and magnetic characteristics of the geomagnetosphere during quiet and disturbed times

15	Suji K. J.	Dr. Prince P.R	Influence of solar activity on ionospheric parameters at quiet and disturbed conditions
16	Sumesh Gopinath	Dr. Prince P.R	Investigations on various geophysical Characteristics of Solar- wind-magnetosphere-ionosphere system and forecasting of related phenomena.
17	Biji M. S.	Dr. Prince P.R	Investigations on coronal mass ejections and related impacts on earth during different solar cycles

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

Seminars, workshops and lecture series were organised by the Departments of Commerce, Economics, Chemistry, English, Statistics, Physics, Biotechnology and Languages with special focus on topics related to research methodology and emerging research areas in concerned disciplines.

List for the last 4 years

Name of Workshop /Seminar/ Lecture Series	Geographical Coverage	Organising Department	Date	Participant Status
Nakshathra 2011	National	Physics	20-21 December 2011	45(MSc,MPhil Students,research scholars,teachers from other colleges)
Bhautik-2012	National	Physics	13 th & 14 th December 2012	45(MSc,MPhil Students,research scholars,teachers from other colleges)
The Atmosphere We Live-Ozone Day Celebration	College level	Physics	24 th October 2013.	65(MSc, BSc students)
National Science Day Celebrations – 2014 ‘Science for the Society’	College level	Physics	19 th February 2014	65(MSc, MPhil Students,research scholars,teachers from other colleges)
National Seminar on Fundamental and Applied Physics (nfap-2013)	National	Physics	11 th & 12 th December 2013	45(MSc,MPhil Students,research scholars,teachers from other colleges)
‘Ozone 2014	College level	Physics	25 September 2014	65(MSc,MPhil Students,research scholars,teachers from other colleges)
“WEP- 2014”,one day	College level	Physics	12 th	65(MSc,MPhil

Workshop on Experimental Physics			November 2014	Students, research scholars, teachers from other colleges)
National Seminar on Advances in Physics (nap-2015)	National	Physics	4 th & 5 th February 2015	45(MSc,MPhil Students, research scholars, teachers from other colleges)
Lecture Series on Applications of Statistics in Biology	National	Statistics	16-01-2015	15 Teachers and 39 students
Lecture Series on Survey and Analytical Methods in Election Studies	State	Statistics	15-12-2015	27 teachers and 32 students
Workshop on Statistical Computing Using R	National	Statistics	26-02-2016 to 27-02-2016	47 teachers/research scholars and 21 students
Seminar on Kerala's Finances: Emerging Issues	National	Economics	15.02.2012	Associate Professors, Assistant Professors and Research scholars (Nos. 90)
Workshop on Research Methodology	National	Economics	08-03-2012	Associate Professors, Assistant Professors and Research scholars (Nos. 82)
Post -Budget Analysis	Regional	Economics	07-03-2013	Associate Professors, Assistant Professors and Research scholars (Nos. 43)
Workshop on Research Methodology	National	Economics	15-03-2013	Associate Professors, Assistant Professors and Research scholars (Nos. 60)
Subsidies In India: Issues and Implications	National	Economics	30-01-2013	Associate Professors, Assistant Professors and Research scholars (Nos. 60)
Post -Budget Analysis	National	Economics	08-03-2014	Associate Professors, Assistant Professors and Research scholars (Nos. 45)
Dismantling Planning Commission in India: Is NITI AYOOG an Alternative?	National	Economics	21-01-2015	Associate Professors, Assistant Professors and Research scholars (Nos. 60)
Labour Market in Transition: Issues and Implications	National	Economics	11&12 -02-2016	Associate Professors, Assistant Professors and Research Scholars (Nos. 88)
Workshop on Literary Criticism and Literary	National	English	15 & 16-Dec-2014	Faculty members, research scholars and

<i>Theory</i> sponsored by the Directorate of Collegiate Education, Govt of Kerala				Students
Invited Lecture on <i>Landscapes of the Mind: A Journey through Canadian Literature</i> with the support of UGC Area Study Centre for Canadian Studies, University of Kerala, by Dr Debashree Dutta Ray, Department of Comparative Literature, University of Jadavpur, Kolkata	National	English	4-Feb-16	Faculty members, research scholars and Students
Seminar, <i>Culture after Theory: A Retrospective on Cultural Studies</i> sponsored by the Directorate of Collegiate Education, Govt of Kerala	National	English	29-Feb & 01-Mar-2016	Faculty members, research scholars and Students
Lecture on P. B. Shelley's "Ode to the West Wind" by Prof. K. G. Radhakrishnan, Retd Deputy Director of Collegiate Education in Kerala & Former Head of the Department of English, Govt Arts College, Thiruvananthapuram.	Regional	English	5-Dec-14	Faculty members and Students
Lecture on Literary Theory: by Prof. S. Vinayakumar, Retd Head of the Department of English, Govt Arts College, Thiruvananthapuram.	Regional	English	17-Jan-15	Faculty members and Students
Lecture on "Ralph Waldo Emerson's Self Reliance" by Prof. K. G. Radhakrishnan, Retd Deputy Director of Collegiate Education in Kerala & Former Head of the Department of English, Govt Arts College, Thiruvananthapuram.	Regional	English	18-Jun-15	Faculty members and Students
Lecture on T. S. Eliot's	Regional	English	23-Jun-15	Faculty members and

“The Waste Land” by Prof. S. Vinayakumar, Retd Head of the Department of English, Govt Arts College, Thiruvananthapuram.				Students
Two day National Seminar on Modern Techniques in Analytical Chemistry	National	Chemistry	14th and 15th January 2009	Associate professors, Assistant Professors, Research Scholars and M Sc Students (75 participants)
Two Day Seminar on Recent Trends in Chemistry	National	Chemistry	16th and 17th December 2013	Associate professors, Assistant Professors, Research Scholars and M Sc Students (60 participants)
Seminar on Spectroscopic Techniques for Organic and Inorganic Molecules	Regional	Chemistry	28th February 2015	Associate professors and Assistant Professors(30 participants)
Two Day National Seminar on Transcending Areas in Chemistry	National	Chemistry	14th & 15th March 2016	Associate professors, Assistant Professors, Research Scholars and M Sc Students (75 participants)
Service Sector and Indian Economy	National	Commerce	8 th & 9 th Jan 2016	Assistant and Associate Professors, Researchers , HSSTs and PG Students
Customized Banking	National	Commerce	8 th & 9 th Jan 2015	Assistant and Associate Professors, Researchers
Rural E-Commerce in India-Emerging Trends and Challenges	National	Commerce	March 2015	Assistant and Associate Professors, Researchers
Green Marketing : Prospects and Problems	National	Commerce	March 2013	Assistant and Associate Professors, Researchers
Role of Media in Promotion of Youth Entrepreneurship	National	Commerce	March 2012	Assistant and Associate Professors, Researchers
Applied Aspects of Plant Biotechnology	State	Botany and Biotechnology	5-12-2013	Assistant and Associate Professors, Researchers
DNA Barcoding – A Rosetta Stone to Understand Biodiversity	National	Botany and Biotechnology	6-2-2015	Assistant and Associate Professors, Researchers
Biofuels as Renewable Energy Source – Towards a Greener Technology	State	Botany and Biotechnology	19-2-2016	Assistant and Associate Professors, Researchers

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

Sl. No.	Name of the Teacher	Research Areas and Expertise
1	Dr. K. K. Damodaran	Rural Banking
2	Dr. V.S. Joy	Finance , IT & Tourism
3	Dr. T. Subash	Tourism & Finance
4	Dr. Biju S.K.	Finance & Quality Management
5	Dr. Gracious James	Tourism & Finance
6	Dr. Arunjilal	Labour Economics & Economics Education
7	Dr. Abin T. Mathews	Labour Economics & International Economics
8	Dr. D. Santhoshkumar	Physical & Organic Chemistry
9	Dr. Alan Sheeja. D. B.	Natural Products Chemistry
10	Dr. Vishnu V. S.	Inorganic Chemistry
11	Dr. Sheela K.L.	Statistics
12	Dr. N.V. Sreekumar	Statistics
13	Dr. Vineshkumar B.	Statistics
14	Dr. Manju C.R.	African Literature
15	Dr. Prince P.R.	Space Physics
16	Dr. Harikumar S.L.	Politics
17	Dr. Benady K.	Tamil Short Stories
18	Dr. Priya L.	Sanskrit Critical Edition
19	Dr. Ajitha Kumari B.	Hindi Literature
21	Dr. Bimal Lazar	Sports Psychology
22	Dr. Ragaseema V.M.	Vascular Biology

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 College conducts seminars in various disciplines for which eminent scholars are invited as keynote speakers. Invited lectures are conducted from time to time with prominent experts as resource persons.

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?

At present the University of Kerala has 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 and community (lab to land)

The college motivates teachers to undertake research projects and encourage them to publish their research findings. The teachers regularly publish research papers in various international and national journals. Some of these findings have been put to practical use in the industry. The follow up of some of the findings are taken up by scholars for further research. The following research findings of the faculty of the college have been transferred for the benefit of the community.

The Department of Economics has conducted a socio-economic survey in the nearby colony, namely, Rajaji Nagar. Members of the faculty regularly participate in budget discussions. The department conducts budget review discussions where eminent economists and academicians air their views on the budget. Dr. Abin T. Mathews, a faculty member actively took part in TV channel discussion. The PG students of the Departments of Commerce and Statistics have undertaken the central government's 'Citizen Survey', developed by the Institute of Management in Government, Kerala. The survey was primarily carried out for the purpose of restructuring police force.

The Department of Chemistry has instrumentation facilities that are used by pharmacists and students of other colleges for their research purposes. The department owns Thermo Gravimetric (TG) analysis facility, High Performance Liquid Chromatography (HPLC) analysis facility, Ultra Violet Spectrometer and Infrared analysis. The department offers these facilities to scholars and pharmacists carrying out research in the field.

The research work undertaken by the Department of Physics largely pertains to the Solar Terrestrial Physics and Magnetosphere and these helps in predicting space weather. The faculty members of the department actively participate in public outreach programmes like discussion on weather and also in discussions and educational programmes in All India Radio. M. Sc and M. Phil students from other institutions within and outside the

state avail the research facilities and expertise of the faculty for their research projects. A High configuration workstation for large volume data analysis is available in the department. The facility is utilized by the research scholars of other institutions as well. The research work done by Sri. Ajithkumar, Assistant Professor of Botany, on environmental issues primarily on sand mining in the ecologically sensitive area around Chandragiri river, Kasargod has sensitized the local population about the hazards of sand mining. The research carried out with the support of the local administration later led to an increased awareness about the issue and resulted in an action plan for the revival of the river bank.

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 college is committed to providing assistance to the teaching faculty as well as the postgraduate students to carry out research activities and projects. However there is no specific allotment of funds towards the purpose. But the college encourages research culture by setting up the required infrastructural facilities such as construction of well-equipped libraries, science laboratories, internet terminals, language laboratory etc. for the purpose of facilitating research activities among the staff and students. Hence, the role assumed by the institution is that of a facilitator.

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?

No. Currently the researcher is required to raise seed money on his own.

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

Students are provided with the facility to make use of the infrastructural facilities of the college to undertake their projects. Financial support for fieldwork, industry visits, survey etc. is provided to deserving students on request.

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

- ✓ Dr. Biju. S.K., Assistant Professor of Commerce has completed four interdisciplinary research projects in Local Self Governance and fisheries.
 - Socio Economic Survey among the Fishermen Community in Trivandrum Corporation.
 - Front office Management – Issues and Challenges.
 - Life and Labour of Fish Vending Women
 - Decentralization in Kerala – An Assessment on Devolution of Function, Functionaries and Fund.
- ✓ The book published by Dr. Joy. V.S., Associate Professor of Commerce on Informatics and Cyber law is purely interdisciplinary in nature covering the IT Act and Cyber laws prevailing in India.

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

Research scholars attached to the research centre share the library, labs, computers with internet facility, reprographic facility, INFLIBNET and e-journals and other infrastructural facilities of the research centre/college. The CBCSS requires final semester students to do a project and hence they start research activities from the UG level itself. The PG students also conduct research works as a part of the partial fulfilment of their programme. These students also enjoy all the facilities available in the college and carry out the project work monitored by their concerned guides.

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.

Apart from the grant allocated from the UGC during XI plan period, the institution does not receive any grant for developing research facilities.

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

The Principal circulates notice to intimate the faculty on the UGC notification inviting proposals for applying for projects and other faculty development programmes. The Research Committee conducts awareness meetings every year to brief the teachers on the various funds available and to motivate them to undertake projects.

The following tables show the projects carried out and the grants received so far:

Nature of the project	Duration	Title of the project	Name of the funding agency	Total Grant		Total grant received till date
				Sanctioned	Received	
Minor	2014-16	Sustainable Development in Hill Destinations -A study on the Munnar Hills	UGC	50000	35000	35000
Minor	2014-15	Tourism Promotion Strategies in Kerala – A Case Study on Wayanad District	UGC	55000	37500	37500
Minor	2014-15	Private Unaided Schools in Kerala- Socio-economic Dimensions	UGC	105000	65000	65000
Minor	2014-15	Isolation and Characterization of Bio-Active Compounds from Plants	UGC	190000	155000	155000
Minor	2014-15	Wavelet Approach to Variations in the Solar Activity and Space Weather	UGC	100000	80000	80000
Minor	2013-14	Women after Divorce in the Urban Context: A Study with Special Reference to Thiruvananthapuram City	UGC	140000	95000	95000
Major	2015	The Role of Home Stays in Community Based Tourism Development in Kerala	UGC	7,77,600	469600	469600

3.3 Research Facilities

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

The Post-graduate Department of Commerce is an approved research centre recognized

by the University of Kerala. The Centre has a research library with 12 research journals and a Computer lab with 4 computers. The General Library of the college redistributes information in digital formats to research scholars. In addition to INFLIBNET, at present the general library has 40448 books and 33 periodicals.

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 programmes which have scope for higher studies and employability have been upgraded as PG programmes. The Departments of Commerce and Economics have been upgraded thus. The departments of Physics and Botany & Biotechnology have applied for sanction to start PG programme.
- ✓ The upgrading of the PG departments to Research Centres is the next step of the institutional planning to meet the basic needs of research scholars. The Commerce Department has already been approved as a research centre. The procedure for upgrading Chemistry Department as a research centre under the University of Kerala is going on.
- ✓ Building up of libraries for the PG departments, upgrading of the lab facilities with modern equipment, computer and browsing facilities, providing space for undisturbed research etc. are the infrastructural facilities created to meet the needs of the researchers.
- ✓ New technologies like smart rooms and the upgrading of the science labs are planned for future development of research. Proposals are given to the UGC for the purchase of more international journals in the new and emerging areas of research from the UGC assistance, given as part of the XII plan.

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 college receives assistance for enhancing research facilities only from the UGC, Central and State Governments, Directorate of Collegiate Education and Higher Education Council.

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

The college is open to research scholars and students outside the campus to utilize the facilities available in the college for pursuing their projects/research under the guidance of faculty members in the college. The central library is also open to students of other colleges in our cluster for reference, with prior permission.

The Department of Chemistry has instrumentation facilities that are used by pharmacists and students of other colleges for their research purposes. The department owns Thermo Gravimetric (TG) analysis facility, High Performance Liquid Chromatography (HPLC) analysis facility, Ultra Violet Spectrometer and Infrared analysis. The department offers these facilities to scholars and pharmacists carrying out research in the field.

The faculty members of the Physics Department actively participate in public outreach programmes like discussion on weather and also in discussions and educational programmes in All India radio. M. Sc and M. Phil students from other institutions within and outside the state avail the research facilities and expertise of the faculty for their research projects.

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

The college has an annually updated library with various journals and a good collection of books. INFLIBNET, EDUSAT and internet are the other resources available in the institution.

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

The college solicits collaborations with research institutes and organizations for the purpose of conducting training programme, carrying out student projects, publications, conduct of seminars and workshops.

3.4 Research Publications and Awards

3.4.1 Highlight the major research achievements of the staff and students in terms of: Original research contributing to product development

Dr. Alan Sheeja D.B, winner of Prof. A. Hisham Endowment Award 2015 instituted by Kerala Academy of Sciences, Thiruvananthapuram in recognition of outstanding research contribution to Phyto-chemistry.

Research studies or surveys benefiting the community or improving the services

The research work done by Sri. Ajithkumar, Assistant Professor of Botany on environmental issues primarily on sand mining in the ecologically sensitive area around Chandragiri river, Kasargod has sensitized the hazards of sand mining. The research carried out with the support of the local administration later led to an increased awareness about the issue and resulted in an action plan for the revival of the river bank

The Department of Economics has conducted a socio-economic survey in the nearby colony namely Rajaji Nagar. Members of the faculty regularly participate in budget discussions. The department conducts budget review discussions where eminent economists and academicians air their views on the budget.

The PG students of the Departments of Commerce and Statistics have undertaken the central government's 'Citizen Survey', developed by the Institute of Management in Government, Kerala. The survey was primarily carried out for the purpose of restructuring police force.

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

No. Now we are making attempts to publish a research journal from the PG and Research Department of Commerce.

3.4.3 Give details of publications by the faculty and students:

Number of papers published by faculty and students in peer reviewed journals (national/international)

The following table shows the total number of publications by the entire faculty of the college. (The detailed list is appended in the end of this criterion)

Sl. No.	Department	Total No. of Publications
1	Commerce	133
2	Economics	6
3	English	9
4	Chemistry	20
5	Statistics	11
6	Physics	21
7	Botany	12
8	Biotechnology	6
9	History	5
10	Politics	2
11	Sanskrit	1

3.4.4 Provide details (if any) of research awards received by the faculty

Dr. Alan Sheeja D.B; winner of Prof. A. Hisham Endowment Award 2015 instituted by Kerala Academy of Sciences, Thiruvananthapuram in recognition of outstanding research contribution to Phyto-chemistry.

3.5 Consultancy

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

The college runs a Centre for Adult, Continuing Education and Extension cell, an authorized centre for job-oriented courses recognized by the University of Kerala. Some of the faculties in the college are consultants to certain industries.

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

The college does not provide any consultancy at present to generate income. Free consultancy is given by the department of Economics and Commerce regarding budget analysis, income tax matters and audit of local bodies. Dr. Biju S. K. developed a model for the local bodies to implement development measures and to conduct performance audit of local bodies. Dr. Manju C.R. of English Department is actively involved in curriculum designing for State Council for Educational Research and Training (SCERT) and is on the editorial board of English text books for higher secondary and high school

students. Sri. Deape N and Dr. Manju C.R of English Department have translated text books in Malayalam for the SCERT. Dr. Mohammed Arif, Associate Professor of Chemistry was a consultant of Dr. Prakasam Homoeopathic Pharmaceutical (P) Ltd., Chellannur, Calicut. Dr. Vishnu V S, Assistant Professor of Chemistry is a member of the panel experts for the preparation of Chemistry Text Book, SCERT, Govt. of Kerala. We have a proposal to provide professional consultancy services in future relating to Project Report Preparation in association with the Entrepreneurial Development Club of the college. The college propagates the information about the consultancy services during specialized occasions and meetings of parent-teacher association, NSS etc.

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

The institution offers full support to the faculty members to utilize their expertise for consultancy service outside the college. Many of our faculty members are invited as resource persons in seminars and workshops organized by the affiliated colleges and Universities.

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

As our college is in the urban area, consultancy services are confined to skill development classes, computer awareness classes, seminars etc. Consultancy services are free of cost and the main aim is to bring the students to the forefront so that they are able to meet the current market challenges.

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?

Our college does not intend to receive remuneration for consultancy services. It is basically aimed at helping the society, by utilizing the resources available in the college. The cluster colleges' initiative of the Kerala State Higher Education Council operates an Instrumentation centre in this campus. Thermo gravimetric and High Pressure Liquid Chromatographic analysis is done in the centre for the academic community (College and Research Centres) at an affordable cost. The Department of Chemistry is in charge of the centre. Prof. S. Shanavas, HOD Chemistry is the academic co-ordinator of this venture.

Analysis of samples is done on a paid basis and the income generated is utilized for the maintenance and administrative aspects of the centre.

3.6 Extension Activities and Institutional Social Responsibility (ISR)

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

Eventhough the college is situated within the city limits of Thiruvananthapuram, most of the people living in the locality lack proper skill oriented education and related facilities. The institution organizes programmes to eliminate their problems by actively involving of various clubs, NSS and NCC units of the college. The students of our college actively participate in these programmes and help the needy and the under privileged. There is a nearby slum area called Rajaji Nagar where the majority of inhabitants are uneducated, unemployed and under nourished. The college has taken it as its responsibility to bring about positive changes in the lives of its inhabitants. The Economics Department conducted a social survey in the area and raised a fund to support a family. Since the nearby Govt. Model HSS has many children coming from Rajaji Nagar, the Department of English devised a remedial training programme especially for them. Altius, a wing of the World Malayalee Council, an organization striving for inculcating values among the youth, conducted a leadership camp for the students of our college. All these activities help the students to become good citizens and orient them towards rendering service to the society.

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

Though the college is situated in an urban area, majority of the students are coming from rural background. The college extends all possible support to the students to involve themselves in social movements that promote citizenship roles. The NSS and NCC units of the college work with a focus on promoting citizenship roles in students. The staff advisor and the co-ordinators of the respective units keep track of the involvement of the students. The attendance of the students in these activities is registered without any fail and grace marks are provided at the final stage of their graduation. The students are also encouraged to participate in National Integration Camps. The college union election is

conducted in a democratic manner and it helps to enhance students' political consciousness and social participation.

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

The quality and performance of the college is reflected through the feedback received from the students, alumni, PTA, educational experts, etc. The college is also having Internal Quality Assurance Cell which regularly monitors performance of the students in the university exams, internal exams, seminars, and different programmes undertaken by the college. It provides adequate materials for the assessment.

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

The college undertakes the following outreach programmes.

Centre for Adult, Continuing Education and Extension (CACEE) and Additional Skill Acquisition Programme (ASAP). Outreach programme of the college are planned and organised by the different clubs operating in the college. Some of the programmes conducted are Blood Donation campaigns, Conducting Health Awareness programmes, Waste Management and Environment Protection, Road Safety Awareness programme, conducting classes on Tourism and its impact etc. These activities make our students more socially committed and help in developing their personality and responsible citizenship.

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 college has an active participation of NSS volunteers in its overall development. NSS unit has a membership of 100 Students. The college celebrates all the important events with active participation of the staff.

The College also has a very vibrant wing of the NCC. Our NCC cadets are exemplary in service and they offer their help and support in all the activities of the college. The

college encourages the faculty and students to participate in extension activities. The faculty members are awarded with grade points for the service they render, which is beneficial for the performance based appraisal for their career, based on the 6th pay commission guidelines. The students successfully completing the service are awarded with grace marks at the end of their course. This mark is beneficial for admission to higher studies and for job placements.

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 college identifies needy students and various kinds of scholarships like merit scholarships, minority scholarships, PH/Blind scholarships are provided to encourage them to come to the forefront. It helps the needy students and thus provides a way to promote social justice and concern for the people from the lower strata of the society

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 blood donation campaigns help the students in appreciating the need and importance of rendering help to the critically ill and thus saving lives. Anti-drug cell effectively communicates the hazards of drug addiction and prevents our youngsters from falling into the trap of this grave danger. Nature club of the college actively participates in the social forestry programme and conducts campaign for environmental protection. The club fosters a love of nature and commitment to the protection of our environment. It bridges the gap between the theories that they learn in the curriculum and the social reality around them. The road safety campaigns conducted in the college creates awareness of safety driving in the context of increasing road accidents. The legal classes and psychological counseling sessions offered by the Women's Cell are of great help for the girl students of the college while the self-defence training and Career Counseling classes take them along way towards empowering them.

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?

Meetings with local self-governments and other associations help in knowing about various community related topics that must be looked into by the college. The Women's Study Cell have conducted various programmes related to the health problems of girl students, Legal rights of Women, Guidance and Counseling classes by experts in their fields. The Dept. of English is undertaking a service oriented programme by giving quality ICT-enabled classes in English to the economically and academically backward school students of Govt. Model HSS, a nearby institution. The Department of Economics conducted a survey among the inhabitants of Rajaji Nagar, a nearby slum area and raised funds to help them. The PG students of the departments of Commerce and Statistics actively participated in the Citizen Survey developed by the Institute of Management in Government.

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.

A cordial relationship with other colleges and institutions in and around Thiruvananthapuram district is maintained by our college. Student empowerment programme are also conducted with the active participation of experts from other institutions. Faculty members, students, research scholars, academicians, eminent personalities etc. are invited to the college on various occasions. The career and placement cell encourages students to attend and participates in different types of interviews and job recruitment drives and trainings.

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.

N.S.S. Activities

The basic objective of N.S.S. is to relate students to the society through voluntary service. This is inherent in the motto of N.S.S. 'not me but you'. The NSS unit of the college conducts regular activities like cleaning the campus and also actively participates

in the blood donation campaign of the state government.

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 faculty members are free to collaborate with other institutes and laboratories. Individual research collaborations are there between our faculty members and major university research laboratories.

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 P.G. Students of Commerce and Statistics Department actively participated in the statistical survey conducted by the IMG for the Central Government on “Citizen Approach towards Police Force” in which the students collected the entire data from the Thiruvananthapuram district and also helped the authorities in tabulating the data.

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 INFLIBNET and EDUSAT facilities enable the students and teachers to interact and upgrade their skills and knowledge.

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

Sl.No.	Name and Designation
1	Dr. Debashree Dutta Ray, Department of Comparative Literature, University of Jadavpur, Kolkata

2	Prof. K. G. Radhakrishnan, Retd Deputy Director of Collegiate Education in Kerala
3	Prof. S. Vinayakumar, Retd Head of the Department of English
4	Dr P. P. Raveendran, Emeritus professor, School of Letters, Mahatma Gandhi University, Kottayam, Kerala.
5	Dr. Ajayakumar P. P., Chief Editor, <i>Littcrit</i> , Director, Institute of Distance Education, University of Kerala, Thiruvananthapuram, Kerala.
6	Dr K. M. Krishnan, Associate Professor, School of Letters, Mahatma Gandhi University, Kottayam, Kerala.
7	Dr. Meena T. Pillai, Fulbright Scholar, Director, School of English and Foreign Languages, University of Kerala, Thiruvananthapuram, Kerala.
8	Dr. Biju V, HoD, Dept. of Physics, University of Kerala
9	Dr. Nisha N G, Asst. Director, (Ballistic), Forensic Science Dept., Kerala
10	Dr. TarunkumarPanth, Scientist, VSSC
11	Dr. Ishwara Chandra I, Reader, TATA Institute of Fundamental Research, Pune
12	Dr. P.K. Krishnan Namboori, Associate Professor, Amrita Vishwa Vidyapeetham, Ettimadai, Coimbatore
13	Dr. Jayasree E G, Assistant Professor, University of Kerala, Thiruvananthapuram
14	Dr. Mahesh Hariharan, Associate Professor School of Chemistry, IISER, Thiruvananthapuram
15	Dr. Reji Varghese, Assistant Professor School of Chemistry, IISER, Thiruvananthapuram
16	Prof. A. Salahuddin Kunju, Principal (Rtd.) and former Professor of Chemistry, University College, Thiruvananthapuram
17	Dr. Hareesh U. S, Senior Scientist, Materials Science Technology Division, NIIST, Thiruvananthapuram
18	Dr. C. H. Suresh, Scientist, Chemical Science and Technology Division, NIIST, Tvpm.
19	Prof.(Dr.) K. Girish Kumar, Associate Professor, Dept. of Applied Chemistry, CUSAT.
20	Dr. Mangala Sundar, Professor of Chemistry, IIT Madras
21	Dr. Harikrishna Varma, Scientist, SCIMST, Poojapura, Tvpm.
22	Dr. Abraham George, Associate Professor of Chemistry, Mar Ivanios College, Tvpm
23	Dr. Benny George, Scientist, Spectroscopy Division, VSSC Tvpm.

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

The college has not been able to establish any such linkage so far.

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

The college has not yet done such systematic planning on linkages and collaboration, yet individual departments have established linkages based on their academic needs.

Publications of Books/Articles in Journals/Study Materials etc.

PUBLICATION – BOOKS				
#	Title of the Book	Name of Publisher	ISBN No	Date/Year
DEPARTMENT OF COMMERCE				
<i>Dr. Biju S K, Assistant Professor of Commerce</i>				
1.	Trends in Urbanisation and Urban Governance in Kerala, in Urban Development challenges, concerns and considerations,	Discovery Publishing House pvt ltd, New Delhi, pp235-245	ISBN; 978-93-5056-772-2,	2016,
2.	Decentralised Planning: A magic potion for the evils of urbanisation, in Urban Development challenges, concerns and considerations,	Discovery Publishing House pvt ltd, New Delhi, , pp246-253	ISBN; 978-93-5056-772-2	2016,
3.	India's Micro Finance: Option for mitigation of Poverty or Trigger Failures in the book Micro finance and Financial Inclusion	Sonali Publications, New Delhi, pp 92-104	ISBN: 978-81-8411-497-3	in 2014
4.	“Total Quality Management; A saga towards Service Delivery Excellence in Local Self Government Institutions of Kerala”,	Management Researcher, Vol. XX No.1, ,pp 46-53	ISBN: 2230-8431	July sept 2013,
5.	‘Kudumbasree Model of Micro Finance’ in the book ‘Financial Inclusion and Inclusive Growth’, by	Regal Publications, New Delhi,,pp 216-225.	ISBN: 978-81-8484-267-7.,	in 2013
6.	Free Trade Agreement – Qualms about the economy and Role of Local Governance in Kerala, Free Trade Agreement and Indian Economy,	B- Digest Publications, -5., pp10-23	ISBN 978-81-23975-3	
7.	‘Swabhimana Banking – A Leap to Financial Inclusion’ in the book ‘Financial Inclusion and Inclusive Growth’,	by Regal Publications, New Delhi, pp 85-94-225	, ISBN: 978-81-8484-267-7.,	in 2013.
8.	‘Financial Inclusion in India: Issues, Achievements and Challenges’ in the book ‘Financial Inclusion and Inclusive Growth’,	by Regal Publications, New Delhi, , pp 240-250	ISBN: 978-81-8484-267-7.,	in 2013
9.	‘Micro Finance for Gender Equity- Role of Kudumbasree in Kerala’ in the book ‘Micro Finance & Women Entrepreneurship’,	Published by B-Digest, Nagercoil,, pp 412-421	ISBN: 978-81-923975-2-8	in 2012

<i>Dr. Gracious J, Assistant Professor of Commerce</i>				
1.	Rural E Commerce in India: Emerging Trends and Challenges	Department of Commerce, Government Arts College, Thiruvananthapuram, Kerala	ISBN: 978-93-5104-594-6	2013
<i>Purushothaman VM, Assistant Professor of Commerce</i>				
1.	Rural E-Commerce in India: Emerging Trends and Challenges	Department of Commerce, Govt. Arts College, Thiruvananthapuram	978-93-5104-594-6	2013
<i>DEPARTMENT OF ENGLISH</i>				
<i>Deape N, Assistant Professor of English</i>				
1.	Translation of Kesari Balakrishna Pillai's Essay—'Futurism and the Arts of Kerala'	Oxford University Press	Forthcoming	
2.	Translation of Karoor Neelakanta Pillai's Story—'Safety Pin'	Oxford University Press	Forthcoming	
<i>Bimal Edwin, Assistant Professor of English</i>				
1.	Cold Blooded Tales	Create Space Publishing Company, Charleston, USA	ISBN 9781451553031	
2.	Timeline: A Screenplay	Create Space Publishing Company, Charleston, USA	ISBN 9781511806190	
<i>Smt. Praveena Thompson</i>				
	Fable and Fantasy	Wiz Craft Publications & Distribution Pvt. Ltd.	ISBN 978-9383183746	
<i>Smt. Nazia Hassan</i>				
	Grandma's Gandhiji and Other Stories	Create Space Publishing Company, Charleston, USA	ISBN 978-1515395744	
<i>DEPARTMENT OF STATISTICS</i>				
<i>Dr. Sheela K L, Associate Professor of Statistics</i>				
1.	Infant and Child Mortality in India District Level Estimates	Population Foundation of India		2008

GENERAL DEPARTMENTS**Dr. Priya L, Assistant Professor of Sanskrit**

1	SreeRaamaBhooshana- a Hand book on Arthalankaara	Swantham books	81-87084-16-2	June 2008
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PUBLICATION – ARTICLES

#	Title of the paper	Name of Journal/Book	ISSN/ISSBN No.	Date/Year
DEPARTMENT OF BOTANY				
Ajith Kumar P, Assistant Professor of Botany				
1.	“Exploration and collection of sweet endosperm coconut, 'MohachaNarel' from Maharashtra, India”	Proceeding of International conference on coconut biodiversity for prosperity, at CPCRI, Kasaragod		2010
2.	“Eriocauloncheemenianum (Eriocaulaceae), a new species from Kerala, India”	International journal of plant animal and environmental sciences ;Vol. 2; Issue 4	2231-4490	2012
3.	“Effect of paddy straw and coconut rachis substrates on yield and protein content in oyster mushroom (Pleurotus florida)”	GCK Letters; Vol 1; Issue 1	2320-2572	Jan, 2012
4.	“A comparative study on the colorimetric estimation of vitamin C(Ascorbic acid)in selected fruits and vegetables”	GCK Letters; Vol 1: Issue 2	2320-2572	July, 2012
5.	Diversity of fresh water green algae from Govt. College campus in Kasaragod”	GCK Letters; Vol 1: Issue 2	2320-2572	July, 2012
6.	“Diversity of MohachaNarel, a sweet endosperm coconut (Cocos nucifera L.) population from Maharashtra, India”	National Academy science Letters		2013
7.	“Water quality status of Chandragiri river in Kasaragod, Kerala”	GCK Letters Vol 2; Issue 1	2320-2572	2013

DEPARTMENT OF BIOTECHNOLOGY**Ramya R Prabhu, Assistant Professor of Biotechnology**

1.	Molecular mechanisms in synaptic plasticity	Neuroscience – Dealing with Frontiers. INTECH Publishers, New York, pp. 295–330	ISBN 978-953-51-0207-6.	2012
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DEPARTMENT OF COMMERCE**Dr. V S Joy, Associate Professor of Commerce**

1.	Managerial Excellence in NGO's	Towards Managerial Excellence (Edited Book)		1998
2.	Corporate Governance in Tourism Industry	Corporate Governance – Opportunities and Challenges (Edited Book)		2013
3.	Accessibility and Amenities in Hill Tourism Destinations	Southern Economist – January 15, 2014		2014
4.	Foreign Direct Investment in the Higher Education Sector of India – A curse or a Boon!	Management Researcher Vol XXI No 4 April – June 2015		2015

Dr. T Subash, Associate Professor of Commerce

1.	“Free Trade Agreement and Indian Economy”	B- Digest Publications, Nagarcoil	978-81-23975-3-5	2013
2.	Financial Inclusion and Indian Economy	Regal Publications, New Delhi,	978-81-8484-267-7	2013
3.	Corporate Governance – Emerging Issues and Global Challenges	Excel India Publishers, New Delhi	978-93-82062-85-1	2013
4.	Microfinance and Financial Inclusion,	Sonali Publications, New Delhi	978-81-8411-497-3	2014
5.	“Tourism Promotion in India”.	Abhijit Publications, New Delhi	978-93-5074-098-9	2013
6.	“UGC- Commerce”.	Deepak Series for Test Preparation, Meerut	978-81-927787-4-7	2015
7..	Urban Development: Challenges, Concerns and Considerations,	Discovery Publishing House Pvt. Ltd, New Delhi.	978-93-5056-772-2	2016
8.	Service sector in India: Opportunities and Challenges - Service Sector and Indian	B- Digest Publications, Nagarcoil	978-93-84734-15-2	2016

	Economy (Compendium)			
9.	Tourism Trends and Strategies	Sonali Publications, New Delhi	978-81-8411-370-9	2011
10.	Tourism Trends, Strategies and Challenges	Global Vision Publishing House, New Delhi	978-81-8220-790-5	2016
11.	Rural Strategy – A Strategy for Rural Development	Research Lines	0975-8941	January-June 2011
12.	Homestays – An Instrument for Community Based Tourism Development in Kerala	Tactful Management	23	
13.	“Forensic Accounting and Corporate Governance”	EXCEL International Journal of Multidisciplinary Management Studies	2249 – 8834	November 2015
14.	Forensic Accounting: A Dynamic Approach to Investigate Fraud”, ,	International Journal of Current Research		October 2015
15.	“India: A Destination for all Seasons”	North Asian International Research Journal of Multi-disciplinary	2454 – 2326	October 2015
16.	“Tourism in India: Potentials, Challenges and Opportunities”	International Journal of Research and Analytical Reviews	2349 -5138	Oct-December 2015
17.	Benefits of Tourism Projects to Host Community - A case study on Projects of DTPCs in Kerala	Managing the Future	0975 - 0045	July 2012
18.	Tourist Satisfaction - A study on Projects of DTPCs in Kerala	Global Research Review	2250 - 2521	Dec 2012
19.	Tourism and the Environment	Global Journal of Business Management	0973 - 8533	Dec 2011
20.	Rural tourism – A strategy for Rural Development	Research Lines	0975 - 8941	June 2011
21.	Economic Impact of Tourism	Prachothan	2249 - 5088	Nov. 2011
22.	“Tourist Satisfaction - A study on Projects of DTPCs in Kerala	Global Research Review, Scholars Association of Kerala	2250 – 2521	Dec 2012
23.	The Role of District Tourism Promotion Councils “in the Promotion of Tourism in Kerala”	Commerce Spectrum	2321-371X	June 2013
24.	“Global Experience in Goods and Service Tax”	Global Research Review, Scholars Association of Kerala	2250 – 2521	Dec 2013

25.	“Climate Change and Tourism”	Caarmel Journal of Management Research	2320-1088	July 2014
26.	“Green Marketing: Hopes and Challenges”	Management Researcher	2230-8431	July-Sep 2014
27.	“Goods and Service Tax-A Preferred Tax Structure”,	Contemporary Research in India	2231-2137	December 2014
28.	“5 S for effective Management”	Yojana Malayalam	0971-8397	January 2015
29.	“Opportunities and Obstacles to Financial Inclusion”	Indian Co-operative Review		April 2015
Dr. Biju S K, Assistant Professor of Commerce				
1.	“Free Trade Agreement and Indian Economy”	B- Digest Publications, Nagarcoil	978-81-23975-3-5	2013
2.	Financial Inclusion and Indian Economy	Regal Publications, New Delhi,	978-81-8484-267-7	2013
3.	Total quality Management – ISO 9001:2008	KILA, Thrissur	978-81-925633-6-7	2013
4.	Front Office Management of GramaPanchayats in Kerala: Issues and Challenges	KILA, Thrissur	978-81-925633-5-0	2013
5.	People – Friendly Panchayat: ISO9001:2008 through TQM	KILA, Thrissur	978-81-925633-8-1	2015
6.	Urban Development: Challenges, Concerns and Considerations,	Discovery Publishing House Pvt. Ltd, New Delhi.	978-93-5056-772-2	2016
7.	Total Quality Management in Grama Panchayat: An Assessment	Southern Economist	ISSN 0038-4046 Vol. 54, No. 21	March1, 2016
8.	Information and Communication Technology in Governance: A stepping stone for smart Governance	Commerce and Business Researcher, Department of commerce, University of Kerala	ISSN 0976-4097	2015
9.	“Front Office Management for People friendly Local Governance: Dream and Reality”,	Commerce Spectrum, Vol. 3, No. 1, pp51-62		June 2015,
10.	“Livelihood Enhancement Strategy Effectiveness of Wage Employment Programme on Tribal Population”	ISDA Journal, Institute for the study of development areas, Thiruvananthapuram, Vol. 25 No 2	pp 253-264, ISN 0971-2550	April June 2015,

11.	“Work Stress among Government Higher Secondary School Teachers in Thiruvananthapuram District”	Commerce Times (International),	Impact factor 0.818, pp 45-51, ISSN 2320-9461	August 2015,
12.	“Solid Waste Management in Trivandrum Corporation: Citizen’s Perspective”,	B-Digest, International Journal of Commerce and Management, Nagarcoil, Vol. 7, No. 1, pp 21-31,	ISSN 0975-2617	August,
13.	“India’s Switch Over from Value Added Tax to Goods and Service Tax: A Stock Taking”,	B-Digest, International Journal of Commerce and Management, Nagarcoil, Vol. 7, No. 1, August, pp 32-39	ISSN 0975-2617	
14.	“Application of ABC Analysis for the Procurement of Goods and Services of Local Self Government in Kerala”	Holistic Thought, SreeNarayana College, Kollam, Vol. XIV, No. 1, pp 5-16	ISSN 0975-363 X,	Jan-July, 2015,
15.	“Panchayathi raj: Janapankalithavikasanathinteiru pathandu”,	Yojana, Thiruvananthapuram, vol 44 No. 4, pp 46-50.		November 2015
16.	Hard and Soft Components of Total Quality Management in Grama Panchayat: An Evaluation,	Commerce and Business Researcher, Department of Commerce, University of Kerala, Trivandrum,	ISSN No: 0976-4097	July-December, 2015. Vol. 7, Issue 3& 4.
17.	“Total quality Management Panchayathilsaadhyamo?”,	Panchayat Raj, LSGD, Government of Kerala, Vol. 54, No.1, pp 11-13		April, 2014.
18.	Commercial Banks and Financial Inclusion: Achievements, Challenges and Opportunities”,.	ISDA Journal, Institute for the Study of Developing Areas, Trivandrum, Vol. 24, No2, pp 165-184	ISSN 0971-2550, ,	April-June, 2014,
19.	“ISO 9001:2008, Nadapadicramangal”,	Panchayat Raj, LSGD, Government of Kerala, Vol. 54, No.2, ,pp 11-13.	RNI no.:7959/64	May, 2014.
20.	“Drive Towards TQM in GramaPanchayats, Kerala”;	KILA journal of Local Governance vol 2 no 1 pp 71-80	ISSN 2319 - 930 X	June, 2014,

21.	“5 S: Total quality ManagementileykullaKalvaippu”,	Panchayat Raj, LSGD, Government of Kerala, Vol. 53, No.3 , pp 11-13	RNI no.:7959/64	June, 2014.
22.	“Quality Circle in Panchayats”, Panchayat Raj,	LSGD, Government of Kerala, Vol. 54, No.4, pp 14-16	RNI no.:7959/64	July 2014. ,
23.	“ISO 9001:2008 Certification nediayaPanchayathukaliloode”,	Panchayat Raj, LSGD, Government of Kerala, Vol. 54, No.5, pp 11-12	RNI no.:7959/64	August, 2014.
24.	“Total quality Management Sakshathkaram: SradhikkendaKariangal”,	Panchayat Raj, LSGD, Government of Kerala, Vol. 54, No.6, ,pp 11-13.	RNI no.:7959/64	September, 2014,
25.	“ConsultantinteSevanamPrayojanapeduthumbol”,	Panchayat Raj, LSGD, Government of Kerala, Vol. 54, No.7, pp 11-13.	RNI no.:7959/64,	September, 2014,
26.	“Problems and Prospects of Home Stay Tourism in Kerala: Perception of Stake Holders”	Holistic Thought, SreeNarayana College, Kollam, Vol. XIII, No. 1,	ISSN 0975-363 X	Jan-July, 2014, , pp 16-28
27.	Industrialisation in Kerala: A review,	Commerce Times (International),	Impact factor 0.818, , pp 45-51, ISSN 2320-9461	July, 2014
28.	“Karyakshmathayk 5 S swichithwaParipalanam”,	Yojana, vol 43 No. 6, pp 67-69		January 2015,
29.	“Towards Scientific and e-Accounting in Panchayats of Kerala”,	KILA journal of Local Governance, Vol. 1 No.2 pp 9-17		, July – Dec , 2013,
30.	“Local Community Participation in Development: a study of role of Grama Sabha in Kerala”,	Ashwattha, vol7 issue pp 18-21		4, Oct – Dece. 2013,
31.	“Edamalakkudiyleidapedal”,	Yojana (mal), Govt of India, pp		, January 2014
32.	“Total quality Managementiloode ISO 9001:2008”,	Panchayat Raj, LSGD, Government of Kerala, Vol. 53, No.10, pp 14-16	RNI no.:7959/64,	January, 2014,
33.	“Management of funds in Local Self Governments in Kerala; A Study of Kanjiramkulam Panchayat in	B-Digest International Journal of Commerce and Management,	, ISSN 0975-2617. Pp 1-8 Vol. 6, No.1,	Januaruy-June, 2014

	Trivandurm District of Kerala”			
34.	“ISO 9001:2008 Labikkuvan”,	Panchayat Raj, LSGD, Government of Kerala,	Vol. 53, No.11, RNI no.:7959/64, pp 11-13	February, 2014,
35.	“Front Office Management: Oruvisakalanam”,	Panchayat Raj, LSGD, Government of Kerala,	RNI no.:7959/64,	Vol. 53, No.12, March, 2014, pp 11-13
36.	“Total Quality Management for good governance”,	Yojana (mal),		January, 2013, pp 42
37.	“Role of Infrastructure Development through Decentralised Governance for India’s Fast Economic Growth”,	B-Digest, Vol. 5 No. 1, pp71-75		Jan-June 2013
Dr. Gracious J, Assistant Professor of Commerce				
1.	Enhance Connectivity to Boost Rural Tourism	Kurukshetra	ISSN – 0021-5660	Vol.64, No.4, February, 2016
2.	Crisis Management in Hospitality Industry: A case study of KTDC Hotels and Resorts Ltd.”	Management Researcher	ISSN: 2230-8431	Vol.XXI, No.3, Jan-March, 2015
3.	Importance of Building Human Capital and Economic Growth in Developing countries	Mirror	ISSN 2249-8117	Vol.5, No.1, March, 2015
4.	Economic Empowerment of Women in the Coastal area – A study on SHG’s and Micro Finance in Karthikapally	Southern Economists	ISSN- 0038-4046.	Vol.54, No.1, May,2015
5.	Supply chain and distribution channels of tourism services of Kerala	Brand; Sculpting Corporate Identity	ISBN: 978-81-8094-166-5	2015
6.	Service quality measures and indicators in Protect Area Management: a study on Eravikulam National Park in Kerala	Brand; Sculpting Corporate Identity	ISBN: 978-81-8094-166-5	2015
7.	Financing Protected Areas in Kerala	Southern Economists	ISSN- 0038-4046.	2015, July

8.	Human resource development and training in Indian fisheries industry	Strategic Human Resource Management- Riding the power and shaping the HR mission	ISBN: 978-81-925376-8-9	2013
9.	Human resource and skill development in the Indian tourism industry	Strategic Human Resource Management- Riding the power and shaping the HR mission	ISBN: 978-81-925376-8-9	2013
10.	Web based tourism marketing; A study on the perceptions of tourism service providers in Kerala	Tourism Business : Emerging Trends and Evolving Practices	ISBN: 978-93-5097-372-1	
11.	Rural Tourism and Biodiversity: A win-win relationship	Kurukshetra,	ISSN – 0021-5660	Vol.63, No.08, June,2015
12.	ERP System Effectiveness on Performance Reporting System – A model	Management Researcher	ISSN: 2230-8431	Vol. XXII, No.2, October – December, 2015
13.	Rural employment generation through tourism development	Kurukshetra	ISSN – 0021-5660	October,2014
14.	Advertising media selection in the Tourism industry	Commerce Spectrum	ISSN: 2321-371X	June,2014, Vol.2, No.1
15.	Fighting “Classroom Hunger”- Achievements of “Mid-Day Meal Scheme	Yojana (web exclusive)	ISSN- 0971-8400	September, 2013
16.	Economic contributions of International Tourism to developing countries	Management Researcher	ISSN: 2230-8431	Vol.XIX,No .3, Jan-Mar, 2013
17.	A study on the promotion of ecopreneurship schemes in the tourism sector of Kerala	Emerging Trends in Entrepreneurship	ISBN: 978-93-80837-51-2	2013
18.	Dream Season: The Monsoon Magic of Kerala	Yojana (English)	ISSN- 0971-8400	July,2012 Vol.56
19.	Price, Discounting and Differentials in Tourism Industry; A Study on Kerala Tourism	Indian Journal of Finance	ISSN 0973-8711	June,2012, Vol,6, No.6
20.	Farm based rural tourism in Kerala	Kurukshetra	ISSN – 0021-5660	May,2012, No.7, Vol.60
21.	Green Marketing for	Yojana (Malayalam)	ISSN-0971-	Feb., 2012,

	sustainable development: Benefits and Challenges		8397	No.7, Vol.40
22.	Strategic Pricing for Tourism Products: Challenges and Techniques	Management Researcher	ISSN: 2230-8431	Jan-March, 2012, Vol. XVIII, No.3
23.	Green Marketing of Tourism Products in Kerala: A case study on Thenmala Ecotourism	Ethics in Business and Corporate Governance	ISBN: 978-81-7446-944-1	2011
24.	A critical analysis of the SWOT of the SHG women members in Thrissur District of Kerala	Embodiment of Empowerment – Self Help Group	ISBN 978-81-8209-277-8	2011
25.	Product development methods: A study on tourism industry in Kerala	Tourism Entrepreneurship	ISBN 978-81-7446-945-8	2011
26.	A study on tourism marketing in kerala	KEGEES Journal of Social Science	ISSN 0975-3621	2011, Vol.3, No.2
27.	Role of micro finance in rural welfare	Yojana (Malayalam)	ISSN-0971-8397	2010, Vol.39, No.5
28.	Pricing methods of tourism products: A study on tourism industry in Kerala	Marketing Management Practices for Organisational Sustainability	ISBN 978-81-90967-17-4	2010
29.	E- Marketing of Tourism Products; the cost effective alternative	Tourism : Impact of Globalisation	ISBN : 8172734565	2008
30.	E- Marketing of Tourism Products	SAJOSPS- South Asian Journal of Socio-Political Studies	ISSN 0972-4613	2007, Vol.8, No.1
31.	Tourism Marketing in India under the GATS regime	Indian Commerce Bulletin	ISSN- 0972-6187	2007, Vol. X, XI, No.2 & No.1
Sunil Kumar V, Assistant Professor of Commerce				
1.	Information Communication Technology in Agriculture for Rural Development	Rural E-Commerce in India Emerging Trends & Challenges	ISBN:978-93-5104-594-6	2013
Purushothaman VM, Assistant Professor of Commerce				
1.	A study on financial inclusion in Kerala	Review of Social Sciences	0974-9004	2012
2.	Environmentalism in Retailing	Management Researcher	2230-8431	2013

3.	A study on E-Commerce habit among rural consumers in Kerala	Management Researcher	2230-8431	2014
4.	A study on Customer Perception about Organised Retailing in Kerala	Review of Social Sciences	0974-9004	2014
Rejani R Nair, Assistant Professor of Commerce				
1.	“Urbanisation and Migration in Kerala-A study on Domestic Migrant Labourers”	Urban Development: Challenges, Concerns and Considerations	978-93-5056-772-2	Discovery Publishing house Pvt. Ltd, New Delhi. 2016
DEPARTMENT OF ECONOMICS				
Dr. G L Arunjilal, Associate Professor of Economics				
1.	Sustainable Development: An Ecological-Economic Perspective’	GCTE Journal of Research and Extension in Education		Vol.2, Issue 1, January 2007
2.	‘Manpower Utilisation in Kerala’	Manpower Journal , IAMR	II-ISSN0542-5808	Vol. XXXVI, No.1, April-June, 2000.
3.	Educational-Occupational Mismatch among the Service Sector Employees in Kerala’	Review of Social Sciences	ISSN 0974-9004	Vol. VII, No.1. Jan-June 2006
4.	Casual Labour Market in Kerala: A Study based on National Sample Survey Data’	Manpower Journal	II-ISSN0542-5808	Vol. XLV, No. 2 April-June, 2010
5.	A study on Foreign Direct Investment in India	Review of Social Sciences	ISSN 0974-9004	
Dr Abin T Mathews, Assistant Professor of Economics				
1.	Evolution, Trends and Pattern of Electronic Media: With Special Reference to Indian Television Industry.	ISDA Journal	0971-2550	July September, 2013
DEPARTMENT OF ENGLISH				
Renjini R, Assistant Professor of English				
1.	The Making of the Nationalist Imaginary: Post-colonial Stakes and Nationalist Claims in the film	Samyukta	2393-8013	July 2013

	VeluThampiDalawa			
2.	“The Narrative Construction of Mangal Pandey and the Star Persona of Aamir Khan in Ketan Mehta’s Mangal Pandey: The Rising”.	Litt crit. Issue 74, Volume 38, Number 2	0970-8049	December 2012
3.	“The Indian Subject and the Western Gaze: Richard Attenborough’s Gandhi as a Biopic”.	Litt crit. Issue 69, Volume 36, Number 1	0970-8049	June 2010

DEPARTMENT OF PHYSICS**Dr. Prince P R, Assistant Professor of Physics**

1.	International thermonuclear experiment reactor-fusion energy for the future	'Hydel', Technical Journal, KSEB Engineers association		2010
2.	Mars Orbiter Mission, the Indian Space Odyssey	Sanghasabdam		2014

Vikas L S, Assistant Professor of Physics

1	Influence of exciton blocking layer in small molecule organic solar cells	Proceedings of the 2013 Spanish conference on Electron Devices: CDE 2013 in Institute of Electrical and Electronics Engineers (IEEE)	978-1-4673-4666-5	2013
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DEPARTMENT OF STATISTICS**Sreekumar N V, Assistant Professor of Statistics**

1	Estimation of the Parameters of Type-I Generalized Logistic Distribution Using Order Statistics	Communications in Statistics (London : Taylor and Francis),		2008
2	Estimation of location and scale parameters of a distribution by U-statistics based on best linear functions of order statistics	Journal of statistical planning and inference : JSPI (Amsterdam : Elsevier),		2008

GENERAL DEPARTMENTS

Kumari Vanaja N B, Associate Professor of History				
1.	Land reforms in Kerala – Peasant relations in Travancore during the 19 th Century	Society and Politics		1998
2.	Higher Education in Kerala	Kerala Calling, Government of Kerala		1998
3.	Gazetteer-SamoothathinteKannadi(Malaya lam)	VinjanaKairali, Kerala language Institute		1998
4.	EMS & decentralization of power	Panchayat Raj, Government of Kerala		1998
5.	Challenges of Gandhian Values in the 21 st Century	Panchayat Raj, Government of Kerala		1999
Dr. S.L Harikumar, Assistant Professor of Political Science				
1.	Decentralisation the Model for Deepening Grass Root Level Democracy	University College Journal of Politics and Society		Vol. 9, No 1 &2, Aug 2013 and March 2014
2.	Jawaharlal Nehru National Urban Renewal Mission: Achievements and Challenges	University College Journal of Politics and Society		Vol. 7 No 1 & 2, 2011

PUBLICATION – STUDY MATERIALS			
#	Title of the materials	Name of publisher/Agency	Date/Year
DEPARTMENT OF COMMERCE			
Dr. V S Joy, Associate Professor of Commerce			
1.	IT in Business	Green Tech Books	2011
2.	Web Designing and Production for Business	Green Tech Books	2012
3.	Informatics and Cyber Laws	Green Tech Books	2015
4.	Accounting For BSc Mathematics	SDE, University of Kerala	2014
Dr. Biju S K, Assistant Professor of Commerce			
1.	ISO 9001:2008 through TQM: Training Hand book for elected representatives and Officials of LSGIs. 2013	Kerala Institute of Local Administration, Trissur	2013
2.	Assistant Editor: 'Certificate Course for the Elected Representatives on Local Governance', Vol- II (Malayalam), KILA, 2012.	Kerala Institute of Local Administration	2012
3.	Assistant Editor: 'Certificate course for the Elected Representatives on Local Governance', Vol- I (Malayalam), KILA, 2012.	Kerala Institute of Local Administration	2012
4.	Assistant Editor: Curriculum for the 'Certificate course for the Elected Representatives on Local Governance', KILA, 2012.	Kerala Institute of Local Administration	2012
5.	Editing Assistance: 'Kerala Panchayati Raj Accounting: Compendium of Rules and Orders', (English) KILA, 2011.	Kerala Institute of Local Administration	2011
6.	Editing Assistance: Saankhya User's Manual, KILA, 2011.	Kerala Institute of Local Administration	2011
7.	Drafted Chapter: Published Hand Book on 'Fundamentals of Double Entry Accounting' (Malayalam), KILA, 2011.	Kerala Institute of Local Administration	2011
8.	Drafted Chapter: Published Hand Book on 'Human Development and Local Governance', KILA, 2009.	Kerala Institute of Local Administration	2009
Dr. Gracious J, Assistant Professor of Commerce			
1.	Business Management	Daffodils Publications, Kollam, Kerala.	1998

DETAILS OF PAPERS PUBLISHED IN PEER REVIEWED JOURNALS:					
#	Paper Title	Journal Details (Year, Volume, Page Nos.)	Citation index	Impact factor	h inde x
DEPARTMENT OF BOTANY					
<i>Dr. Saritha Kumari C H, Assistant Professor of Botany (FDP Substitute)</i>					
1.	Collagen metabolism and antioxidant status in the paw tissue of type II collagen induced arthritic rats- Protective role of alginic acid isolated from Sargassumwightii.	Comparative Clinical Pathology 2015,24,669-676)		0.37	
2.	Anti-inflammatory and antioxidant potential of alginic acid isolated from the marine algae Sargassumwightii on adjuvant-induced arthritic rats.	Inflammopharmacology (2013, 21, 261-268)	21	2.30	
3.	Alginic acid isolated from Sargassumwightii exhibits anti-inflammatory potential on type II collagen induced arthritis in experimental animals	International Immunopharmacology (2013, 17, 1108-1115)	4	2.55	
4.	Effect of lycopene from Chlorella marina on high cholesterol induced oxidative damage and inflammation in rats.	Inflammopharmacology (2013, DOI10.1007/s10787-013-0178-4)	6	2.30	
5.	Activity of lycopene isolated from Chlorella marina on type II collagen induced arthritis in Sprague Dawley rats.	Immunopharmacology & Immunotoxicology (2013, 35(2),282-291)	14	1.61	
DEPARTMENT OF BIOTECHNOLOGY					
<i>Ramya R Prabhu, Assistant Professor of Biotechnology</i>					
1.	Regulation of phosphorylation at Ser1303 of GluN2B receptor in the postsynaptic density-	Neurochem. Int.2012, 61. 981-985.		2.8	1
<i>Dr. Diana David, Assistant Professor of Biotechnology</i>					
1.	Prognostic significance of STAT3 and phosphorylated STAT3 in human soft tissue tumors - a clinicopathological analysis	Journal of Experimental & Clinical Cancer Research(2011) 30:56.	10	4.357	
2.	Smurf E3 ubiquitin ligases at the cross roads of oncogenesis and	Biochimica et Biophysica Acta-BBA	24	7.845	

	tumor suppression.	Reviews on Cancer 1835 (2013) 119–128			
3.	Smurf2 E3 ubiquitin ligase modulates proliferation and invasiveness of breast cancer cells in a CNKSR2 dependent manner.	Cell Div(2014) 9: 2.	3	3.526	
4.	Hematopoietic PBX interacting protein (HPIP) regulates cell adhesion and migration through modulation of focal adhesion dynamics.	Oncogene (2013) 8:1	6	7.932	

DEPARTMENT OF CHEMISTRY***Prof. S. Shanavas, Associate Professor of Chemistry***

1	Comparison of Langmuir and Harkins-Jura Adsorption Isotherms for the Determination of Surface Area of Solids	Oriental Journal of Chemistry 2011, Vol.27(1), pp 245-252			
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Dr. D Santhosh Kumar, Assistant Professor of Chemistry

1	Kinetics of Elimination reactions of Cumyl chloride and its substituted derivatives in Acetonitrile	Indian Journal of Chemistry, Vol.44B, August 2005, pp.1731-1734			
2	Salt Effects on the Rate of Solvolysis of Cumyl chloride and its p-Methyl Derivates	Asian Journal of Chemistry, Vol.17.No. 2, 2005, pp.1216-1220			
3	Kinetics of Elimination reactions of 1-chloro-1-(4-methoxyphenyl)-2-phenylethane in Acetonitrile	Indian Journal of Chemistry, Vol.45B, December 2006, pp.2751-2753			
4	Kinetics of Elimination Reactions of 1,2-Diphenylethyl Substrates in Acetonitrile: A Mechanistic Change in the Presence of a Strong Base	International Journal of Chemical Kinetics Vol.40, Issue-8, 2008, pp.481-487			
5	The Leaving group Dependence in the Rates of Solvolysis of 1,2-Diphenylethyl system	Journal of Physical Organic Chemistry Vol. 23, Issue-8, 2010, pp.783-788.			

Dr. Alan Sheeja D B, Assistant Professor of Chemistry

1.	Isodeoxyelephantopin, a novel sesquiterpene lactone potentiates apoptosis, inhibits invasion and	Clinical Cancer Research 2006, 12 (19), 5910-5918.		8.1	
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	abolishes osteoclastogenesis through suppression of Nuclear Factor Kappa B activation and NF kB regulated gene expression.				
2.	Chemical constituents of <i>Curcuma malabarica</i> .	Biochemical Systematics and Ecology 2010, 38 (2), 229-231.		1.12	
3.	Phytochemical constituents of <i>Curcuma amada</i> .	Biochemical Systematics and Ecology 2012, 44, 264-266.		1.12	
4.	Facile isolation of (E)-Labda-8(17),12-diene-15,16-dial from <i>Curcuma amada</i> and its conversion to other biologically active compounds.	Indian Journal of Chemistry Section B - Organic Chemistry including Medicinal Chemistry, 2014, 53 (3), 319-324.		0.48	
5.	<i>Curcuma ecalcarata</i> – New Natural Source of Pinocembrin and Piperitenone.	Natural Product Research: Formerly Natural Product Letters, 2015, 29 (13), 1276-1279		1.7	
<i>Dr. Vishnu V S, Assistant Professor of Chemistry</i>					
1.	Synthesis, Single crystal study, In silico Analysis, in vitro Antiinflammatory and Anticancer Activities of 7-hydroxy 14H-naphtho[2,3-a]phenothiazine-8,13-dione.	Drug Delivery Letters 5(2), 2016, 140-150		0.5	
2.	Evaluation of In silico and In vitro pharmacological activities of 1,3,8-trihydroxyanthraquinone	International Journal of Research and Reviews in Pharmacy and Applied sciences, 5(1) 2015, 1173-1188		0.12	
3.	Near-infrared reflecting inorganic pigments based on molybdenum and praseodymium doped yttrium cerate: Synthesis, characterization and optical properties.	Sol. Energy Mater. Solar Cells, 95, 2011, 2685–2692	54	5.337	
4.	Novel Environmentally Benign Yellow Inorganic Pigments based on Solid Solutions of Samarium–Transition Metal	J. Am. Ceram. Soc. 94, 2011, 997–1001	10	2.27	

	Mixed Oxides				
5.	The synthesis characterization and optical properties of silicon and praseodymium doped Y_6MoO_{12} compounds: environmentally benign inorganic pigments with high NIR reflectance	Dyes Pigm., 88, 2011, 109–115	52	3.966	
6.	Near-infrared Reflecting Yellow Inorganic Pigments Based on Molybdenum-doped Yttrium Cerate: Synthesis, Characterization, and Optical Properties	Chem. Lett. 39, 2010, 820–821	7	1.3	
7.	Effect of molybdenum and praseodymium dopants on the optical properties of $Sm_2Ce_2O_7$: Tuning of band gaps to realize various color hues.	Dyes Pigm. 85, 2010, 117–123	30	3.966	
8.	Synthesis and characterization of new environmentally benign tantalum-doped $Ce_{0.8}Zr_{0.2}O_2$ yellow pigments: Applications in coloring of plastics	Dyes Pigm., 82, 2009, 53–57	38	3.966	
9.	Synthesis and characterization of environmentally benign calcium-doped $Pr_2Mo_2O_9$ pigments: Applications in coloring of plastics	J. Solid State Chem., 181, 2008, 481–492	19	2.133	
DEPARTMENT OF COMMERCE					
Dr. T Subash, Associate Professor of Commerce					
1.	Home stays – An Instrument for Community Based Tourism Development in Kerala,	Tactful Management Research Journal		1.5326	
2.	Tourism in India: Potentials, Challenges and Opportunities”,	International Journal of Research and Analytical Review		3.215	
DEPARTMENT OF ENGLISH					
Deape N, Assistant Professor of English					
1.	‘Bull rock’ (Translation)	Haritam			
Dr. Manju C R, Assistant Professor of English					
1	“Breathing Life into the Torpid Terrains: Elements of the African World View in Ben Okri’s The Famished Road”	The New Frontier, 2007 published by Institute of English, University			

		of Kerala, Page No.171-179			
DEPARTMENT OF PHYSICS					
<i>Dr. Prince P R, Assistant Professor of Physics</i>					
1.	Multiscale and cross entropy analysis of auroral and polar cap indices during geomagnetic storm	Advances in Space Research 57. DOI: 10.1016/j.asr.2015.10.008s , (2015)			
2.	Information measures based analysis of complex solar wind—magnetosphere interaction dynamics during geomagnetic storms	Indian J Phys., doi 10.1007/s12648-015-0655-2 (2015)	2		
3.	Study of periodicities in relative sunspot numbers and disturbance storm time indices using wavelet techniques	Indian J Phys. 88 (12) 1221 (2014)	1		
4.	Plasma sheet electrical conductivity and energy transactions during a magnetospheric substorm – a case study	J Ultra Scientist Phys. Sci., 21(3) 559 (2009)			
5.	Whistler wave instability and Plasma sheet ALC distribution at Substorm onsets'	Indian J. Radio Space Phys. 36 318-324 (2007)	2		
6.	MT index during substorms - a case study	Ultra Science 18(1) 53-58 (2006)			
7.	Thermodynamics of near earth plasma sheet and specific entropy parameter during substorm – a case study	Indian J. Radio Space Phys. 33 294-299 (2004)	2		
8.	MT index and the influence of a time delay associated with bounce motion	, Indian J. Radio Space Phys., 29 9-14 (2000)			
9.	Non-adiabatic behaviour of the substorm-time geomagnetotail plasma sheet at the geosynchronous orbit	Indian J. Radio Space Phys., 27 135-139 (1998)			
10.	Plasma sheet thermal conductivity and chaos parameter during solar maximum	, U. Scientist Phyl. Sciences, 9(2) 193-199 (1997)			
11.	Association of conductivity and geomagnetic activity in the plasma sheet of geomagnetotail	Indian J. Phys., 71B(5) 607-612 (1997)			

Vikas L S, Assistant Professor of Physics					
1.	Fast UV sensing properties of n-ZnO nanorods/p-GaN heterojunction	Sensors and Actuators A: Physical (2016, 242, 116-122)		2.201	2
2.	Defect-assisted tuning of electroluminescence from p-GaN/n-ZnO nanorod heterojunction	Bulletin of Materials Science (2015, 38(4), 901-907)	1	0.895	2
3.	Vertically aligned ZnO nanorod array/CuO heterojunction for UV detector application	Physica status solidi (a) (2014, 211(11), 2493-2498)	4	1.61	2
4.	Comparative study on degradation and trap density-of-states of p type and n type organic semiconductors	SPIE Organic Photonics + Electronics (2014, 918519-918519-7)		0.2	2
5.	Degradation study and calculation of density-of-states in PTCDE-C8 channel layer from the electrical characteristics of thin film transistors	Journal of Applied Physics, (2014, 116(2), 024507)	2	2.101	2
6.	Room temperature deposited transparent p-channel CuO thin films transistors	Applied surface science (2014, 297, 153-1570)	17	3.150	2
7.	Growth of vertically aligned ZnO nanorods on various substrates by hydrothermal method	SPIE Nanoscience + Engineering (2010, 776606-776606-7)		0.2	2
DEPARTMENT OF STATISTICS					
Dr. Vineshkumar V, Assistant Professor of Statistics					
1	Total time on test transforms of order n and their implications in reliability analysis	Journal of Applied Probability 2008, Vol 45, pp 1126-1139	37	0.79	
2	L-moments of residual life	Journal of Statistical Planning and Inference 2010, Vol- 140, pp- 2618-2631	43	0.598	
3	Reversed percentile residual life and related concepts	Journal of Korean Statistical Society 2011 Vol 40 (1) pp- 85-92	9	0.468	
4	Ageing concepts: An approach based on quantile function	Statistics and Probability Letters, 2011	38	0.531	

		Vol- 81, pp-2016-2025			
5	Govindarajulu distribution: Some properties and applications	Communications in Statistics: Theory and Methods 2012 Vol- 41 (24), pp 4391-4406	32	0.284	
6	Modelling lifetimes by quantile functions using Parzen's score function	Statistics, 2012 Vol 46 (4), pp 799-811	18	0.48	
7	Characterization of distributions by properties of truncated Gini index and mean difference	Metron 2012 Vol- LXX- N. Pp 2-3	10	0.16	
8	Stochastic orders using quantile- based reliability functions	Journal of Korean Statistical Society 2015 Vol- 44(2) pp 221-231	9	0.468	

CRITERION IV**INFRASTRUCTURE AND LEARNING RESOURCES****4.1 Physical Facilities****4.1.1 What is the policy of the Institution for creation and enhancement of infrastructure that facilitate effective teaching and learning?**

The policies regarding creation and enhancement of infrastructure are purely based on ensuring effective teaching and learning process. The departments are asked to prepare their requirements for an academic year to make the process of teaching and learning effective and competitive. Based on the requirements prepared department-wise, the staff council prioritizes the requirements and, resources are allocated from the development fund provided by the government. As modern education is more IT- oriented, priority is given to the modernization of infrastructure to make the teaching-learning process competitive.

4.1.2 Details of the facilities available for**a) Curricular and co-curricular activities**

The College has the following infrastructural facilities for the conduct of various Programmes under respective departments.

Table 4.1. Infrastructure Facilities

Departments	Class Room	Smart Class Rooms	Lab	Library	Computer Lab	Store Room	Staff Room
Botany & Biotechnology	2	1	2	-	-	-	1
Chemistry	-	2	2	1	1	1	1
Commerce	3	2		1	1	-	2
Economics	5	-	-	1	-	-	2
English	2	2	1	1	1	-	1
Physics	2	1	2	-	1	1	1
Statistics	1	1	-	1	1	-	1
General*	4	-	-	-	-	-	1

*General Includes Languages and Complimentary courses.

Auditorium: An auditorium having an area of 207 Sq.m. is functioning well and is used for conducting various collegiate, intercollegiate and university level programmes.

Seminar Hall: A well-furnished air conditioned room with 80 seats and all audio visual equipment

Central Library: A central library is functioning in the first and second floor of the Library Block with ample space for reading and reference. OPAC facility has been installed in the library for the smooth identification, retrieval and issue of books. UGC-NLIST service from INFLIBNET is also available in the central library.

Departmental Libraries: Five departments have their own department libraries with adequate collection of books and journals. Computers with internet facility are made available to the students for accessing online resources.

Well- equipped laboratories: one Computer lab, two Chemistry labs, one Physics lab, one Botany Lab, one Biotechnology lab and one Statistics lab with sufficient equipment are operating effectively to cater to the learning needs of the students.

Table 4.2. Laboratory Items

	<i>Name of Item</i>	<i>No.</i>
Physics Lab	Online UPS	1
	Inverter	1
	CRO	4
	Function Generator	4
	Dual Power Supply	2
	Weighing Machine (Digital)	2
	DC Regulated Power Supply (0-30 V)	5
	HP Work Station	1
	Soldering iron	6
	Multimeter	6
	Sodium Vapor Lamp	2
	He-Ne Laser	2
	Dimmer stat	1
	Travelling Microscope	4
	Computers	8
	Mercury Vapor Lamp	1
	Spectrometer	4
	Laser Printer	4
	Circular Coil Apparatus	4
	Potentiometer	4
	CF Bridge	3
Chemistry Lab	Water Cooler	1
	Thermo Gravimetric Analyzer	1
	Abbe Refractometer	4
	High Pressure Liquid Chromatography	1

	Suction Pump	1
	Electronic Balance	2
	Double Beam Spectrophotometer	1
	Water Bath Incubator	1
	Desktop Computer	15
	Air Oven	2
	Water Bath (Electrical)	1
	Polari meter	1
	Digital Potentiometer	4
	Distillation Unit	2
	Direct Reading Conductivity meter	6
	Soxlet Extraction Apparatus	1
	Travelling Microscope	2
	Vacuum Pump	2
	Multimedia Projector	2
	De-ionizer	2
	Laptop	1
	50" Plasma TV	1
	Muffle Furnace	1
	Digital Thermostatic Water Bath	1
	Epson Business Projector	2
	Sharp Photocopier	1
	3 kVA Honda Generator	1
	Sony Handy Cam	1
	1kVA Invertor	1
	Deep Freezer	1
	Refrigerator LG 390L	1
	Flame Photometer	1
	Air-Conditioner 1.5 Ton	4
	Colorimeter AE 11 D	3
	IR Lamp Philips	2
	TLC Kit German Pattern	1
	Electronic Balance Shimadzu	4
	Bruker FTIR Spectrophotometer	1
	Schimidzu UV-Vis Spectrophotometer	1
	Medico Centrifuge	1
	Water Bath Shaker	1
	Laser Printer Samsung	2
	Scanner Canon	1
	Web Cam Logitech	1
	Line Interactive UPS	1
	Turbidity meter	1
	Digital Melting point Apparatus	1
	Hot Plate	4
Botany Lab	High Magnification Microscope with Camera	1
	Compound Microscope	30
	Plant Physiological Apparatus	

	Preserved Botanical Specimen	
	Permanent Slides	
Biotechnology Lab	Laminar Air Flow	
	Spectrophotometer	1
	Centrifuge	3
	Deep Freezer	1
	Water Bath	1
	Colorimeter	1
	Double Distillation	1
	Refrigerator	1
	Incubator	1
	Compound Microscope	2
	Hot Air Oven	2
	Inoculation Chamber	2
	Preserved Zoological Specimen	
	Permanent Slides	
INFLIBNET lab	Computer system	7
	Switcher	1
	Modem	1
Digital Library	Computer system	7
	Switcher	1
	Modem	1
Language Lab	Computers with head set and one Teacher Console	30
	3 kVA UPS	1
EDUSAT Studio	Desktop Computer	1
	UPS	1
	LCD Projector	1
	Digital Camera	1
	Micro phone	1
	Speakers	2

b) *Extra-curricular activities*– The institution makes a sustained effort to combine academic, co-curricular and extra-curricular activities. The college has adequate space for conducting such extra-curricular activities. We have a spacious ground which comprises of Volleyball, Badminton, Basketball and Handball courts. These facilities are also utilised by nearby schools and other voluntary organisations for conducting their sports and games events. Apart from the above, the following sports facilities are also available in the college.

Dumbbells, weighing machine, 3,4,5 inch rod with collar, 1.25,2.5,5,10,15 kg wt plates , bench press, multigym 6 station, AB crunch, 7 ft. rod, smith machine, huck squat, AB coar, ankle wt., cable cross over, bench press ID & level.

Hockey kit - Goal keeper kit (leg guard, chest guard, arm guard, goalie fiber stick, helmet, abdominal guard, thigh guard etc) hockey sticks.

Cricket kit - Batting pad, keeping pad, batting gloves, keeping gloves, English willow bats, thigh pad, helmet, kit bag, balls, stumps, abdominal pad etc..

Soft ball and baseball kit - Softball graphite slugger, baseball graphite slugger, chest guard, abdominal guard, face guard, 15 catching gloves, balls and aluminum sluggers etc.

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

As far as infrastructure is concerned, the institution is more or less self-sufficient. The Library block and the renewed Commerce and Economics block are the recent additions to the infrastructure.

The recent additions to the infrastructure includes

- 1 The two floors of the library block
- 2 IT enabled seminar hall
- 3 Installation of smart class rooms

Table 4.3. Amount Spent During the Last Four Years for Infrastructure Development

Items	FINANCIAL YEAR				Grand Total
	2011-12	2012-13	2013-14	2014-15	
Construction	3,00,000	-	-	-	3,00,000
Computer	64,422	67,906	1,76,453	70,704	3,19,485
Lab Equipment	1,47,092	5,98,440	1,99,885	7,99,381	17,44,771
Sports Equipment	1,50,000	-	-	-	1,50,000
Other Equipment	-	-	-	-	-
Library Books	54,648	1,01,320	3,92,101	7,06,525	12,54,594
Furniture	-	-	-	-	-
Expenditure Total	7,16,162	6,77,666	7,68,439	15,76,610	37,38,877

MASTER PLAN 2015-2020

The NAAC accreditation subcommittee has prepared a master plan for the college for 5 years from 2015 to 2020. The plan has been approved of and finalised in the Staff Council. An Institutional Development Project (IDP) has also been prepared by

Institutional Development Committee constituted as per RUSA Scheme of MHRD. A brief report of the major contents in the master plan and IDP are given below.

1. Accomplishments of NAAC accreditation

- Submission of LOI and IEQA to be done before June 2016
- Submission of Self Study Report (SSR) June 2016
- Necessary arrangements to be made for Peer Team visit before August 2016

2. Innovative Practices

- Installation of Solar Electric System with panels, inverter and battery
 - First Phase (2016-2017) : Library Block
 - Second Phase (2017-2018) : Commerce & Economics Block
 - Third Phase (2018-2020) : Main Block
- Implementation of Waste Disposal Mechanism in the campus with the support of Corporation of Thiruvananthapuram.
- Ground water recharge using rain water

3. Starting of New Courses

- Phase I : M.Phil (Commerce), M.Sc.(Biotechnology) M.Sc. (Physics) & PhD (Chemistry)
- Phase II : B.Com (Computer Application) and B.Sc. (Statistics) and PhD(Economics)
- Phase III : M.A (Malayalam), M.A.(Political Science), M.A (Hindi) and M.A.(Arabic)

4. Improvements to Office Facilities

- Setting up of Multifunction Device in the Office.
- Hi-power battery backup facility
- Implementation of modern Office Automation System

5. Establishment of OERC with Reprographic Services

- The INFLIBNET lab housed in the library block is transformed into Online Education and Research Centre (OERC) under the control of a committee which include the librarian, the custodian of INFLIBNET lab and an information technology expert. Reprographic services also are arranged in the center. For operation and supervision, a

paid employee's service is made available with the assistance of PTA fund. The income earned in this regard can be reimbursed to the PTA.

6. The Digital Library facilitated in the Central library is transformed into Online Education and Research Centre (OERC) under the control of a committee comprising of the librarian, the facilitator and an information technology expert. Reprographic services also are arranged in the center

7. Activation of Language Lab

- The language lab is installed with computer softwares and effective regular use is ensured by the Head of the English department and an ICT expert in the College.

8. Orientation Programme on ICT supported Teaching-Learning Process

- The faculty members are provided with necessary internal orientation on teaching-learning process using ICT. For this purpose, a monitoring committee under IQAC has been constituted.

9. Strengthening of Alumni Association

- The activities of Alumni are strengthened by convening regular departmental and general alumni meetings and the role of alumni can be enhanced by ensuring their participation in the college development process.

10. Setting up new facilities to the Students like College Co-operative Store.

A co-operative society working in the college provides stationery, books, etc to the students and teachers. The objectives of the society are to provide quality study materials to the students and teachers at reduced cost and do those for the betterment of the student community and staffs. The cooperative society is registered under the Kerala Cooperative Societies Act. The members of the society includes students, teachers and non-teaching staffs of the college, and the membership ceases, as and when the student complete the course and as the case of teachers and other staffs, it is the date of transfer/ retirement from the college.

11. Infrastructure Development Schemes

• Furniture, Equipment and Library Books

The following points are to be considered in plan fund proposals and utilizations.

Before allocating plan fund, the specific requirements of each section/department are to be assessed properly and the allocation/distribution will be done accordingly. Each year, the departments are provided with at least one smart class room including AC, Jefferson chairs, Interactive board and other accessories. Due weightage has to be given to equip the General and Department Libraries with new additions each year.

• Maintenance and Beautification

Massive cleaning of campus and whitewashing/painting of buildings has been undertaken.

A small garden has been set up in the courtyard of main block around the flag post.

A layout of the campus has been erected in the entrance near the Security room.

• New Building Projects

Arts Block

Modernisation of college canteen building

• Sports Facilities

- Indoor Stadium
- The Master Plan of the Institution indicating the existing physical facilities and the future plan expansions are outlined below.
- Physical Education department's master plan is directed towards making all students physically and mentally fit.
- Make use of the existing facilities to the maximum and get good result in sports and games.
- Conduct coaching camps in various games.
- Conduct various tournaments in various levels.

Existing Facilities

Handball court, basketball court, cricket cement pitch, outdoor badminton court, multi gym with all fitness equipments, cricket kit, hockey kit, baseball kit, softball kit, table tennis table, grass cutter, footballs, volleyballs, badminton rackets, carom board, chess board etc..

Future Plan

Get best results in the tournaments

Conduct coaching camps in various games

Conduct various tournaments

Produce minimum 50 interuniversity players per year.

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

The students with physical disabilities are selected for being considered to avail scholarships sponsored by the Higher Education Council, Ramps and toilets for physically challenged are also envisaged.

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

Presently there is no residential facility available in the campus

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

The students are given classes by experts under the auspices of N S S, Equal Opportunity Centre and Women's study unit of this college.

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

The Career Guidance Cell works in association with the Placement Cell. The Placement Cell, under the leadership of a teacher is vested with the responsibility of arranging recruitment tests/drives of various companies on the campus. The cell also deputed students to other campus interviews organized by nearby institutions.

The academic and personal counselling is systemized through the teacher -ward system. Each class is entrusted to the special care of a tutor – invariably of the same department – for mentoring. The teacher-ward system builds a good rapport between the students and teacher-in-charge. The tutor understands their problems and tries to remedy them. Students are free to meet their tutors any time during office hours. Besides, meeting of tutors and their wards has been made an institutional system for regular and sustained participation of teachers in academic and personal counselling. We have a mechanism to redress any possible grievance from the students and the staff. To address the students' woes the mechanism functions at two levels. Every department has a Grievance Redressal Cell that consists of the HoD, the tutors and two senior members of the faculty. Students are free to approach the cell for getting their grievances redressed.

The Principal is the chairman of the institutional level Grievance Redressal Cell. The committee consists of three senior members of the faculty from the staff council and the superintendent of the college office. If any charge remains unsolved at the departmental level, students can register it for the consideration at the college level cell. Usually the grievances are solved at the first level itself. A foolproof knowledge of the system and transparency in its implementation leave no room for grievances. The cell for addressing grievances of the staff is formed with two members nominated by the committee, two senior staff members and the Principal as chairman. The staff can lodge their complaints before this committee. The staff can also bring their unsettled grievances before the College Grievances Committee for final hearing and disposal.

An Anti-Ragging Committee has also been constituted in the college to prevent the practice of ragging of any kind and also to make an inquiry in to the complaints regarding it if any.

A Canteen has been set up in the college premises to supply hygienic food to the staff and the students at subsidized rates.

4.2 Library as a Learning Resource Centre

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

The Library Advisory Committee consists of the following members.

Principal - Chairperson

Librarian - Secretary

Members

Faculty – 2

Students – 2 (UG Student, PG Student)

Table 4.4. Present Library Advisory Committee

#	Position	Name	Category
1	Chairperson	Dr. G Vijayalekshmi	Principal
2	Secretary	Sri. Sunny Joseph	Librarian
3	Faculty	Dr. D Santhosh Kumar	Member
4		Dr. Benedy K	Member
5	Student	Smt. Fathima J T	UG Member
6		Smt. Asha Soman	PG Member

The major responsibilities of the Library Advisory Committee are the following:

- To prepare annual budget for updating collections of books, journals, periodicals, CD ROMs and CDs.
- To ensure the effective functioning of the library.
- To ensure optimal utilisation of budget allocation for the library.
- To conduct 'book exhibition' of publishers in the campus.
- Approval of list of books proposed for purchase by the Heads of Departments.
- Conducting annual stock verification.
- Constant motivation to the students for the maximum utilization of the library.
- Planning further improvements in the functioning of the Library.

4.2.2 Provide details of the following:

Total Area of the Library: 355 square meters

The Library is kept open between 9.00 am and 4.00 pm. It functions on all Saturdays except second Saturdays and public holidays and during the periods of vacation.

Photocopying facility is available between 9.00 am and 4.00 pm. The total seating capacity is 75.

Layout of the Library: See attachment at the end of the criterion

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.

Purchase of current titles and up-gradation of library resources is the responsibility of the Library Advisory Committee. The Committee prepares the list of books and periodicals to be added annually in consultation with faculty members and heads of the departments. The list of latest books and new editions is prepared with the help of academic peers and scholars from other institutions also. The syllabus modification and restructuring of Under-Graduate and Post-Graduate programme have made library up-gradation a must. The faculty has the freedom to purchase essential books at any time. Each department acquires new books for its library every year.

Table 4.5. New Addition in the Library

Library holdings	Year-1		Year-2		Year-3		Year-4	
	Number	Total Cost	Number	Total Cost	Number	Total Cost	Number	Total Cost
Textbooks	168	76,312	380	120,718	232	417,244	1130	1291,373
Reference Books	13		6		8		15	
Journals/ Periodicals/Magazine	P40		P42		P43 J-1		P45 J-1	
e-resources	e-resources are available in the INFLIBNET Lab							
Any other (specify)	Subject Gateway							

P-periodicals/magazines; j-journals

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

There are 5 systems in the library that provide online access to staff and students between 8.30 am and 5.00 pm. The systems are connected by LAN. Students can download

materials for preparation of assignments and projects. Use of internet for purposes other than academic is strictly prohibited to save time and to prevent misuse.

On an average, 10 students use internet in the library every day and the hours of utilization allotted to a user depend on the total number of users reporting at a time.

The faculty can avail of internet services in the office and in the library and in the concerned departments.

All systems are installed with licensed software.

There is a 'new arrival' desk in the library. New books are displayed near the entrance of the library. Such books are displayed at least for a period of two weeks. New journals and periodicals are displayed on the rack for easy access to staff and students. The list of recent additions is passed on to the departments for the information of teachers. Notifications for higher studies and job opportunities, published in newspapers and periodicals are photocopied and exhibited in the career corner of the library highlighting the areas (last date for issue of application, last date for submission etc.) requiring special notice.

The library services have been partially computerized..

4.2.5 Provide details on the following items:

- Average number of faculty visiting the library is 20 and the average number of students visiting the library is **75**.
- The ratio of books to the student is **60:1**
- Average books added during the last three years are **950 per year**
- An average of **5** e-resources is downloaded daily.
- Every year an average of **25** books gets weeded out.

4.2.6 Give details of the specialized services provided by the library

Internet facility is available for students and staff in the library during working hours. There are 2 nodes of Internet attached to the library. All the computers are connected with LAN. Internet facility is supported by fast Ethernet with a speed of 100 mbps. There is also a Photostat machine in the library for essential reprographic purpose. The services of internet and photocopying facility are provided at subsidized rates.

In addition to this, the access to books is facilitated by providing a terminal through which students and staff can easily locate the classification numbers. Notification for

recruitments and competitive examinations, published in newspapers are displayed on the notice board.

The library is a member of the Cluster Library Group. In Cluster Colleges, the libraries are connected by a computerized mechanism. Students and members of faculty have access to the list of books available in the libraries of all the member colleges so that rare/out of print books can be easily located and procured through some arrangement.

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

The library is under the charge of one librarian and two library assistants. All of them are very cooperative and helpful towards the staff and the students in helping them procure the books they want in a speedy manner. The Photostat machine in the library is very helpful to the staff and the students. 'Career Corner' inside the library provides reference materials for competitive examinations like GMAT, NET, CAT, MAT, IBPS, RRB and PSC tests. Selected job opportunities and scholarships are displayed on the notice board. The M.Phil/PhD thesis and research projects of the faculty are made available in the library for reference.

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

The library has plans to cater to the needs of the visually and physically challenged students.

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 deployed by the Library to collect feedback from users? How is the feedback analyzed and used for further improvement of the library services?)

Feedback is collected from the students and staff and the details are discussed in the Advisory Committee. The students as well as the staff are asked to give the list of books they need urgently. Immediate budget provision is made to acquire those books and resources. The feedback from students and staff are discussed in the Advisory Committee for improving the library services.

4.3 IT Infrastructure

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

There are 75 computers, 20 laptops and 15 projectors in the college. In addition to those, computer facilities with LAN connectivity are provided in the INFLIBNET lab. The computer systems of the college office and computer lab have LAN facility. The internet in the library also has LAN facility. Latest operating systems are installed in the computers. Genuine windows are loaded in all the systems. System up gradation has become routine to tackle the difficulties of speed and storage in computers. Regarding system configuration, the hard disk space ranges from 100GB (in old systems) to 500 GB and the RAM specifications range from 512 MB to 4GB. All systems possess CD/DVD Read/Write heads. All the departments enjoy internet connectivity.

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

We have one computer labs with 40 computers, interconnected through LAN. Besides, the college has provided computers for each department for the use of the staff and students. The computers in the office, individual departments, and library communicate through internet connectivity.

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

Most of the teachers have essential knowledge in the use of computer for teaching and learning. Some of the teachers are already using LCD projectors in post-graduate classes for power point presentation. A digital interactive LCD screen is made available in the smart class room. Some departments conduct seminars for UG and PG students with the help of power point. Teachers and some of the students collect current information from the internet while they make presentations.

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

Table 4.6. Procurement and Maintenance of Equipments

Items	FINANCIAL YEAR			
	2011-12	2012-13	2013-14	2014-15
Computer	64,422	67,906	1,76,453	70,704
Other Equipment	1,47,092	5,98,440	1,99,885	7,99,381
Miscellaneous	-	-	18,578	-
Expenditure Total	2,11,544	6,66,346	3,94,916	8,70,085

Fund is allocated every year in the college budget for upgrading the computer systems. Computers purchased during the last two years have higher configuration.

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?

Most of the teachers have essential knowledge in the use of computer for teaching and learning. The teachers use LCD projectors in Post-Graduate classes for power point presentation. Digital interactive LCD screen are made available in the Smart classrooms of Commerce and Statistics. All the departments conduct seminars for UG and PG students with the help of power point. Teachers and students collect current information from the internet while they make presentations. Film adaptations of the texts prescribed for study are screened wherever necessary.

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

We have eight smart class rooms specifically meant for conducting seminars. These class rooms are ICT enabled with ample space for accommodating good strength.

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 does not avail of the National Knowledge Network directly or through the University of Kerala, EDUSAT, is the chief educational network that the college has

now access to, this portal provided by the IT Mission of the Govt. of Kerala

4.4 Maintenance of Campus Facilities

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

Every financial year the college prepares a budget for utilizing the available financial resources for the maintenance and upkeep of various facilities and an implementation committee is set up to monitor the progress of each item of work at its various stages. The following is the detailed budget allocated during the last four years.

Table 4.7. Amount Spent for Maintenance of Campus Facilities

Items	FINANCIAL YEAR				GRAND Total
	2011-12	2012-13	2013-14	2014-15	
Construction	300000	-	-	-	300000
Computer	64422	67906	176453	70704	319485
Lab Equipment	147092	598440	199885	799381	1744771
Sports Equipment	150000	-	-	-	150000
Other Equipment	-	-	-	-	-
Library Books	54,648	1,01,320	3,92,101	7,06,525	12,54,594
Furniture	-	-	-	-	-

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

Computers and the accessories are being maintained on contract basis. At present we have no AMC (Annual Maintenance Contract) for the maintenance of computers. The best available anti-virus software are purchased, loaded and are being regularly updated to preserve a safe computing atmosphere. In addition to this, daily housekeeping by providing dust covers and frequent vacuum cleaning keep the systems tidy and comfortable. Attachment of UPS with sufficient capacity safeguards the computers against sudden failures in power supply.

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

At present we have no AMC for taking up the calibration and other precision measures for the equipments and instruments. Service providers are being contacted in times of emergencies.

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

Attachment of UPS with sufficient capacity safeguards the computers against sudden failures in power supply.

At present the ground water collected is being distributed among the students through pipes. But the usual breakage of the pipes plays havoc with uninterrupted supply of water. With governmental assistance, a bore well has been drilled in the college premises as a permanent solution to the problem of water scarcity.



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CRITERION V

STUDENT SUPPORT AND PROGRESSION

5.1 Student Mentoring and Support

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

For dissemination of information to students the college publishes Calendar and Handbook every year. Calendar cum Handbook is published and distributed to students at the beginning of every academic year. The handbook provides information such as:

- Name and contact numbers of the Principal, the staff and members of the College Governing Body.
- Various programme offered, the title of courses/papers for each programme, the scheme of examinations and the duration of examinations etc.
- College rules, curricular and extra-curricular activities.
- Various student support services and scholarships provided by the college.
- Information on library such as working hours, rules to be observed by members, list of available newspapers, periodicals and academic journals etc.
- Information on NCC, NSS, college union, various forums for students' competence building.
- Information on working days, holidays, schedule for terminal examinations etc. from June – March (Academic year).
- Programme at a glance
- Fee structure
- Academic Calendar
- College Directory

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?

• Blind/ PH Scholarship	4000 / year
• Muslim Girls Scholarship	3000 / year
• Post Metric Scholarship	3000 / year
• Centre Sector Scholarship	10000 / year
• State Merit Scholarship	1250 / year

- Kerala State Higher Education Council Scholarship 12000/year
- Suvarna Jubilee Merit Scholarship 10000/Year

The total financial assistance from central, state governments and other agencies for scholarship

Year	Amount
2011- 2012	2,39,250
2012- 2013	2,42,250
2013- 2014	2,93,750
2014- 2015	8,11,500

Online applications are invited for scholarships and the allotted amount is disbursed through savings bank account of the students.

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

90% of students receive financial assistance from central or state or other agencies of government like:

1. Department of Collegiate Education
2. Harijan Welfare Department
3. Kerala State Higher Educational Council
4. University of Kerala
5. Ministry of Human Resource Management
6. Directorate of Minority welfare, Kerala

5.1.4 What are the specific support services/facilities available for Students from SC/ST, OBC and Economically Weaker Sections?

- Central and State Government scholarships are provided to SC/ST and OBC (KPCR scheme) students.
- SC/ST students enjoy fee concession and receive lump sum grant.
- Various merit scholarships are given to economically backward students
- Students are informed about the call for various Governmental and Non-Governmental scholarships and aids.

Students with physical disabilities

- Of the total seats in UG and PG, 1 per cent of the seats are reserved for the physically challenged.
- Scribe facility is made available during university public examinations

Students to participate in various competitions: National and International

- Students are motivated and encouraged to participate in various State, University and intercollegiate competitions. Expenses and the registration fees for participating in the competitions are borne by the college. Expert trainers are arranged at the expense of the college to provide coaching to students in the university level competitions which add to their scope of winning prizes in various competitions.

Medical assistance to students: health centre, health insurance etc.

- A well-equipped Health and Fitness Centre is functioning in the college.
- Physical Education Department ensures basic health facilities.
- Various health awareness programmes are conducted by the NSS, the Women's cell and Health Club units.

Organizing coaching classes for Competitive Exams

- Provides coaching classes for SC/ST/OBC /Economically Backward students for various competitive exams including PSC, Bank clerical examinations, UPSC, SSC etc.
- Career Guidance and Placement Cell and Equal Opportunity Cell also conduct programmes which enable students to appear for competitive examinations.

Skill Development (Spoken English, Computer Literacy, etc.,)

- The college offers Additional Skill Acquisition Programme (ASAP) of the State Government.
- Classes are conducted to improve the communication skills of the students.
- CACEE conducts four short-term job oriented courses in Hardware and Networking, Civil Engineering, Instrumentation and Logistics and Retail Management.

Support for "slow learners"

- Remedial coaching in their relevant subjects is given to all slow learners before & after class hours/free hours to improve their performance in studies. The existing tutorial system helps to locate and provide academic support to the slow learners.

Exposures of students to other institution of Higher Learning /Corporate/ Business House etc.

- Students attend seminars and workshops conducted by neighbouring institutions.
- The Commerce and Economics Department have tie ups with several professional and industrial organisations to provide skill awareness among the UG/PG students.
- The students of Commerce, Chemistry and Botany & Biotech departments conduct factory visits/ industrial visits / field trips to different institutions.

Publication of Student Magazines

- The college union publishes a student magazine with Principal as the Chief Editor. The editorial board includes staff editor, student editor, staff and student representatives. This annual publication provides opportunity to the students to express their creativity and ideas.
- The Commerce Department also publishes magazines and seminar reports of the students periodically.
- Manuscript magazines are periodically published under the auspices of the English department, Literary Club, Science Club and Media Club of the College.

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

The college promotes and develops entrepreneurial skills of students mainly through the Entrepreneurship Development (ED) Club. A teacher from the Department of Commerce co-ordinates its activities like organizing seminars on entrepreneurship, inviting entrepreneurs for interaction with students, organising industrial visits etc.

5.1.6 Enumerate the policies and strategies of the institution which promote participation of students in extracurricular and co- curricular activities such as Sports, Games, Quiz Competitions, Debate and Discussions, Cultural Activities etc.

The institution gives special emphasis on co-curricular activities of the students. Sufficient infrastructure including furniture are available for Career Guidance and Placement Cells, Women's Study Cell, Nature Club, Performing Arts Club, Literary Club, Film Club, Science club ,Debate Club, Entrepreneurship Development Club, NSS, and NCC. Adequate space is available for remedial coaching. The physical facilities of

the college for promotion of co-curricular activities are used optimally even on holidays and during mid-summer vacation.

It is the sustained efforts of an institution to combine academic, co-curricular and extra-curricular activities which make a complete educational institution. The creative talents of students are given ample momentum by the Performing Arts Club of the college. The college is vibrant with extra-curricular activities. Photo and poster exhibitions, workshops, debates, discussions, talks, film shows, literary and arts competitions are frequently organized on the campus. The college has adequate space for conducting such extra-curricular activities.

The College also provides ASAP, WWS and Scholar Support Programme.

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, Defence, Civil Services, etc.

The post-graduate departments specially motivate the students for taking competitive examinations. Participation in the programmes organized by the debate club gives confidence to students for attending interviews. Sufficient reference materials for competitive examinations of IPBS, Indian Railways, UPSC, NET, SET etc. are made available in the college library. There is a Career Corner functioning in the library, which has a good collection of reference books and journals published by reputed publishers.

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

The college has a Counselling Centre for students where counselling is provided by a professional counsellor. The Counselling Centre and Tutorial System work together. The tutor in-charge of the class, personally tries to sort out and remedy problems of his/her wards and if further help is required sends them to the counsellor. A lady teacher is also appointed to help the counsellor if the client happens to be a female student.

5.1.9 Does the institution have a structured mechanism for Career Guidance and Placement of it students? If ‘yes’, detail.

The institution strongly feels that proper placement is an important way of empowering the underprivileged. Hence a Career Guidance Cell is functioning in the institution. The major responsibilities of the cell consist of the following:

Providing relevant and updated study materials for students for various recruitment tests of PSC, UPSC, Indian Railways and other public/private sector undertakings. For reference works the cell has installed a “Career Corner” in the library.

An Equal Opportunity Centre (UGC aided) is functioning in the college.

The Career Guidance Cell conducts special career talks of industrialists and entrepreneurs to motivate students.

The Placement Cell, under a teacher coordinator has the responsibility of arranging recruitment tests/drives of various companies on the campus. The cell also deputed students to other campus interviews organized in the nearby institutions. The efforts of the Placement Cell have a big impact.

5.1.10 Does the institution have a student Grievance Redressal Cell? If yes, list (if any) the grievances reported and redressed during the last four years.

Yes. The institution has provision to redress any possible grievance from students and staff. To address students’ woes the mechanism functions at two levels. Every department has a Grievance Redressal Cell that consists of the HOD, the tutors and two senior faculty members. Students are free to approach the cell for getting their grievances remedied.

The Principal is the chairman of the institutional level Grievance Redressal Cell. The committee consists of three senior faculty members from the staff council and the superintendent of the college office. If any charge remains unsolved at the departmental level, students can register for consideration at the college level cell. Usually the grievances are solved at the first level itself. A foolproof knowledge of the system and transparency in its implementation leaves no room for grievances. The cell for addressing grievances of the staff is formed with two members nominated by the Principal, two senior staff members and the Principal as chairman. The staff can lodge their complaints before this committee.

The staff can also bring their unsettled grievances before College Grievances Committee for final hearing and disposal.

An Anti-Ragging committee is also functioning in the college to look into the complaints regarding ragging of any kind.

A few grievances regarding the marks awarded in internal evaluation came up before the Department level Grievance Redressal Cell during last year. After proper verification of attendance, marks obtained in class tests etc., these grievances were readily put right. During the last few years no major grievances have come up before any of the committees mentioned above.

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

The Women's Study Unit safeguards against sexual harassment of women students. The focus of activities of the unit is awareness creation about gender equality so that women students will not be ill-treated.

An Anti-Drug Committee has been formed at the college with the professed objectives of prevention of drug abuse as well as taking solid steps against the use of drugs.

The Women's Study Unit of the college functions in accordance with the guidelines laid down by the University.

The activities of Women's Study Unit are coordinated by lady teachers.

The CASH (Cell Against sexual harassment) is also functioning in the college with the objective of prevention of sexual harassment of any kind.

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

An Anti-Ragging committee is functioning well in the college. It is composed of all HODs including the Principal. The Committee looks into complaints regarding ragging of any kind and the matter is brought to the attention of all. Adequate measures are undertaken to deal with the cases.

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

The PTA identifies students who are economically backward and provides them financial assistance on a merit-cum means basis. The college canteen provides food at moderate rates.

Some of the teachers assist the poor students financially and sponsor their noon meal and study materials.

Student Counselling – the college has a Counselling Centre for students. The Counselling Centre and Tutorial System work jointly. The tutor in-charge of the class, personally tries to sort out and remedy problems of his/her wards and if further help is required sends them to the counsellor. A lady teacher is also appointed to help the counsellor if the client happens to be a female student.

The Women's Study Unit arranges counselling programme.

There are a lot of students in our college who are engaged in part-time jobs to support themselves and their families. Some of the students are engaged in private tuition to school children. Some work as newspaper boys, masons etc. The institution considers the skilled students for part-time DTP works.

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

Yes. The institution has a two-tier Alumni association. In addition to the department alumni associations, the college has an Alumni Association for the entire students who pass out from the institution. The Alumni meeting is conducted every year. The department alumni also meet annually at their convenience. Special meetings are also convened as and when the need arises. The Associations are actively involved in the development of the college with genuine commitment.

5.2 Student Progression

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

Student progression	2011-12	2012-13	2013-14	2014-15
	%			
UG to PG	14.02	15.43	16.02	18.9
PG to M.Phil.	16.67	12.5	15.78	16.66
PG to Ph.D.	10.71	11.76	6.9	9.75
Employed				
• Campus selection	-	-	-	1.8
• Other than campus recruitment	23.61	17.39	14.28	5.1

From the trends observed for the last four years, it is seen that Student Progression from UG to PG is gradually increasing. But the Student Progression from PG to Research degrees seems to be low. We hope that the progression to research can also be increased by upgrading all P.G. departments as research centres. In campus selection also the trend seems to be poor as we could place only 1.8 per cent of the students during the last academic year.

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

Programme	2010-11	2011-12	2012-13	2013-14	2014-15
BA Economics	55	67	67	71	38.5
B.Sc. Physics	52	83	60	60	75
B.Sc. Botany & Biotech	96	83	96	88	76
B.Com	90	95	90	100	100
MA Economics	100	100	100	100	29
MA English	100	100	100	100	89
M.Sc. Chemistry	94	100	90	90	60
M.Sc. Statistics	-	-	-	67	75
M.Com	93	100	100	100	90

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

The institution is highly concerned about students' progression to higher studies and/or to employment. Majority of the students hail from economically backward families. Most of the male students engage in different works particularly on holidays to assist their families. The institutional provisions facilitate vertical movement of students from one level of education to the next higher level or towards profitable employment. For this, innovative programmes like ASAP, WWS and SSP are undertaken. The activities are monitored by a committee headed by the Principal.

The institution promotes inclusive practices for social justice and better stakeholder relationships. The institution promotes value-based education for inculcating social responsibility and good citizenship amongst its student community. The institution has the required infrastructure and it promotes active participation of the students in social, cultural and leisure activities. The NSS unit of the college is in the forefront in inculcating in the students the value of service to mankind. Various programmes like blood donations camps and awareness programmes are undertaken under the auspices of the NSS and NCC. The Equal Opportunity Centre is promoting classes to those students hailing from backward classes. Encouraging students 'participation in activities facilitates the development of various skills and competencies and fosters holistic development.

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

Compared to the past, the dropout rate of the students at present has come down drastically. We have identified three major reasons for dropout. 1) Undue importance given to professional courses, 2) Marriage, in the case of female students, and 3) Financial crisis of the family or other familial problems.

The institution is eager that every student should complete their education and get a creditable pass. In order to prevent or minimize the dropout rate we have adopted the following measures.

- Scholarship and other financial assistance to the needy students.
- Professional counselling to women students to discourage them from early marriage. Early marriage of women is common among Muslims. So the Women's Forum of the

college takes initiative to discourage and reduce cases of early marriage. The parents are often given awareness about the drawbacks of early marriage.

- Remedial coaching to backward students so that they would not discontinue the course halfway due to the difficulty in understanding certain subjects.
- Parental motivation is essential for reducing the dropout rate. Regular PTA meetings are convened to convince the parents of the importance of higher education.
- Counselling during class PTA meetings help to reduce the dropouts as it provides a platform for open discussion about the problems faced by the students.
- Short-term add-on courses for better placement so that students need not worry much about employment after the course. Uncertainty about job opportunities in the country is a major reason for migration to Gulf countries.

5.3 Student Participation and Activities

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

The Physical Education Department takes the first year students to the playground by rotation and conduct sports events to identify their sporting talents and to create awareness among students on the need to be physically fit. Based on their performance training and support are provided to them during the academic year. The institution conducts Annual Sports Meet and competitions in games such as Cricket, Football, Shuttle Badminton, Chess and Caroms. The department also provides training in building best physique; Power lifting, Weight lifting etc. A fitness centre also functions under the Physical Education Department.

The following are the achievements in sport and games in the last four academic years.

Sports Achievements

2011-12

- One player represented the university in wrestling in the Inter University Championship
- One player represented the university in gymnastics in the Inter University Championship
- One player won Gold Medal in Athletics in All India Inter University

- One player represented the university in taekwondo in the Inter University Championship
- One player- National winner in Cycle Polo
- Two players represented the university in softball in the Inter University Championship
- Won Gold medal at the National level in Canoeing

2012-13

- Winners in Baseball in the University Championship
- One player represented India in Softball
- Two players represented the university in Athletics in the Inter University Championship
- One player represented the university in Taekwondo in the Inter University Championship
- Two players represented the university in Wrestling in the Inter University Championship
- Two players represented the university in Hand ball in the Inter University Championship

2013-14

- Winners in Baseball in the University Championship
- Second runner up in Soft Ball and Hand Ball in the University Championship
- One player represented the university in gymnastics in the Inter University Championship
- One player won Silver medal in All India University Sports meet in Taekwondo
- One player won Gold medal in South Zone Nationals in Taekwondo
- One Player won Bronze medal in Senior Nationals in Taekwondo
- Two players represented the university in hockey in the Inter University Championship
- Two players got selection in U22 Kerala Cricket
- Five players represented the university in baseball in the Inter University Championship

- Four players represented the university in handball in the Inter University Championship
- One player was University record holder in Pole Vault(Athletics)

2014-15

- Four players participated in the National Games-2014
- One player won Bronze medal in Taekwondo in National Games.
- One Player won Silver medal in Taekwondo in Senior Nationals
- Second runner up in Baseball, Soft Ball, Hand Ball and Hockey in the University Championship
- Four players represented the university in Baseball in the Inter University Championship
- One player represented the university in Canoeing & Kayaking in the Inter University Championship
- Five players represented the university in Hockey in the Inter University Championship
- Three players represented the university in Softball in the Inter University Championship
- Four players represented the university in Handball in the Inter University Championship
- Two players represented the university in Gymnastics in the Inter University Championship
- One player represented the university in Cricket in the Inter University Championship
- One player represented the university in Taekwondo in the Inter University Championship

5.3.2 Furnish the details of major student achievements in Co-Curricular, Extracurricular and Cultural activities at different levels: University / State / Zonal / National / International, etc. for the previous four years.

The College encourages extracurricular activities at various levels, namely the College Union, the Departments, the Department Associations and the Clubs. The College Union provides platform to exhibit the talents of the students through the Arts Festival and

talent shows conducted. Each department has a separate cultural day to showcase the talents of their students. Interclass and interdepartmental competitions conducted under the banner of the department associations are occasions on which the students can prove their mettle. Intercollegiate fests conducted by various departments also help in the all-round development of the students.

Major Achievements in Extracurricular Activities

2012-13

- Raveena I & Ahtira S, II semester BSc Physics won the First Prize in Encon Quiz Competition- conducted by Bharat Petroleum Corporation Ltd.
- S V Elanga, II semester BSc Physics won the Second Prize in Encon Quiz Competition- conducted by Bharat Petroleum Corporation Ltd.
- S V Elanga, II semester BSc Physics, won the First Prize in Tamil Poetry in the College Annual Arts Fest.

2013-14

- S V Elanga, II semester BSc Physics won the First Prize in painting competition in connection with National Science Day celebrations conducted by Dept of Physics of this college.
- Sreenath. S S ,II Sem BSc Physics, won the Third Prize in Quiz Competition conducted by Census Directorate under the Dept. of Home ministry
- Sreenath. S S ,II Sem BSc Physics, won the Third Prize in Hindi Sabdavali Competition conducted by Census Directorate under the Dept. of Home Ministry.
- Sreenath. S S and Razan K Abdulla participated in the 26th Kerala Science Congress held at Kerala Veterinary and Animal Science University, Wayanad.

2014-15

- Sreenath. S S , VI sem BSc Physics, won the Second Prize in Essay Writing Competition as part of All Kerala Hindi Youth Festival-2015 conducted by Kerala Hindi Prachara Sabha.

- AL Ameen S (III BCom) represented Arts College in the state motivation camp of Walk with Scholar (FOCUS 2015) held at Chalakkudy and got the best camper award
- Quiz Team of III Bcom (Al Ameen, Rohit, Jayakrishanan, and Jithin P.S) bagged the first prize in the quiz competition conducted by Indian Oil Corporation.
- Al Ameen S. of III Bcom bagged the 2nd prize in the Essay Competition conducted by Indian Oil Corporation.
- Abin Raj of III Bcom bagged the 1st prize in Elocution competition organized by NCC.
- Al Ameen S. of III Bcom stood First in the Essay Competition conducted by Sathya Sai Seva Organisation
- III Bcom students (Abin Raj , Al Ameen , Vishnu P.V. , Sanal Kumar , Vishnu V , Rohit Raj Panicker) represented Arts college in the management fest of Marian International Institute Of Management, Kuttikkanom (CALIGO 2015)
- III Bcom students (Sreedev, Jithin P.S., Stalin Peter, Sanal Kumar, Al Ameen S.) represented Arts College in the “Leadership Fest“ of Lead College of Management .
- Sachin Kumar K of I BA Economics got selected to the final round of the State level elocution competition “Speak For Kerala” organised by Federal Bank and Mathrubhoomi daily.
- Sooraj (3rd Bcom) participated in the state level elocution competition “Speak For Kerala” organised by Federal Bank and Mathrubhoomi daily
- Sreenath. S S & Neethu Mohan, VI semester BSc Physics, won Third Prize in Quiz Competition as part of All Kerala Hindi Youth Festival-2015 conducted by Kerala Hindi Prachara Sabha.
- Sreenath. S S, VI Sem BSc Physics, won the second Prize in General Quiz Competition- in connection with National Science Day celebrations conducted by Dept. of Physics of this college.
- Sreenath. S S & Athira S, III Sem BSc Physics, won the First Prize in Encon Quiz Competition- conducted by Bharat Petroleum Corporation Ltd...
- S V Elanga, III Sem BSc Physics, won the Second Prize in Encon Quiz Competition- conducted by Bharat Petroleum Corporation Ltd
- Sreenath. S S & Razan K Abdulla participated in the 27th Kerala Science Congress held at Alappuzha.

- Divya Murali & Athira A S, II semester BSc Botany & Bio Technology won the Third Prize in Encon Quiz Competition- conducted by Bharat Petroleum Corporation Ltd
- Divya Murali, II semester BSc Botany & Bio Technology won the Third Prize in Essay Competition - conducted by Bharat Petroleum Corporation Ltd

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

The student council meetings are held regularly to look into the demands of the students in general. The feedback from the graduates and employers are also discussed in the council meetings. The PTA also functions as a genuine body to contribute to the improvement of the performance and quality of the service provided by the institution. The class PTA meetings become a good platform for the parents as well as the students to assess the academic and non-academic activities of the college.

5.3.4 How does the college involve and encourage students to publish materials like Catalogues, Wall Magazines, College Magazine, and other materials? List the publications/materials brought out by the students during the previous four academic sessions.

The students are given adequate opportunities for the publications of materials. The service in this regard is primarily done by the literary club of this college. Magazines are prepared under the supervision of an advisory committee. Wall magazines and other materials are published by the students under the banner of Literary Club, Media Club and NSS/NCC units of this college. Manuscript magazines are periodically published under the auspices of the Literary Club, Science Club and Media Club of the College.

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 Student Council is formed by including representatives elected by the students themselves in a democratic way. The constitution is as per the guide lines of University of Kerala. The council undertakes a lot of academic and non- academic activities every

academic year. There is a democratically elected “College Students’ Union” which is constituted in accordance with the rules and regulations of the University of Kerala. Election to the College Union is held following the recommendations of Lingdoh Committee.

The elected College Students’ Union consists of the following office bearers.

- The President of the Union – Principal (Ex-officio).
- Staff Advisor to the College Union (Ex-officio).
- The Chairman.
- The Vice Chairman (Reserved for female students).
- The General Secretary.
- The Arts Club Secretary
- Two Councillors to the University Union.
- The Student Editor.
- Secretaries of various Associations (for all the departments offering UG programme).
- Lady Representative
- One representative each of the first, second and third year under-graduate programmes and one representative of all post-graduate programme

There is a nominated Staff Advisor from the staff to monitor the fine arts and cultural activities of the College Union. A Staff Editor, also nominated by the principal in consultation with the Council, supervises the editing of the students’ annual magazine. Funds are earmarked in the college budget for various student council activities.

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

The students are given representation in College Union, Anti-Ragging Committee, Advisory Committee of NSS, Students Grievances cell, Advisory committee of Women’s Cell, College Development Committee etc.

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

An Alumni association is functioning in the college. The members of the association are invited and involved in various programmes taking place in the college. The Alumni Association of the college is known by the name AFSA (Arts College Former Students Association) formed in the year 2004. In addition to the general alumni there exists a class-wise and department-wise alumnus functioning effectively on an informal basis. Former faculty of this college are also invited to the important programmes of the alumni of this college.

Office Bearers

President	:	Sri. Radhakrishnan
Vice President	:	Principal (Ex-officio)
Teacher Secretary	:	Dr. Biju S K
Treasurer	:	Sri. Bimal Edwin

Activities

- Donated books to the College library
- Donated books to poor students
- Felicitated former teachers.
- The department alumni and college alumni meets annually
- The alumni identify the economically backward meritorious students from the present student community and give cash prizes to them.
- Alumni contributes ideas for infrastructure development—like setting up of smart class rooms, e-learning facilities, language lab; beautification of the campus etc.
- Selected members of the alumni take part in discussions regarding the development and modernization of the college.

Distinguished Alumni

Our college has a long line of illustrious alumni to boast of:

1. The Late Dr. K R Narayanan, Former President of India.
2. Dr. G Madhavan Nair, Former Chairman, ISRO.
3. Dr. P C Alexander, Former Governor of Maharashtra.
4. Dr. M S Valiyathan, Former Director of SCT Medical Centre, Tvm.
5. Sri. M Nandakumar IAS, Former Director, Collegiate Education, Govt. of Kerala.

6. Dr. Vijayaraghavan, Renowned Cardiologist.
7. Late noted poet Sri. Changampuzha.
8. Mr. Gigi Thomson IAS, Former Chief Secretary of Kerala
9. Mr. Bharat Bhooshan IAS, Former Chief Secretary of Kerala

Prominent Alumni

- Dr. Sampath. A, MP Ioksabha
- Dr S. Joy, Associate Professor of Commerce, Devaswam Board College, Sasthamcotta (84-86 M. Com)
- Mr V. Sunil Kumar, Sr Development Officer, LIC Branch , Kottarakkara (84-86 M Com)
- Adv. Krishnan, Leading Advocate in Trivandrum (84-86 M. Com)
- Dr Ramalingam, Faculty ,Centre for Taxation Studies, Trivandrum (84-86 M. Com)
- Dr.T.Subash, Associate Professor of Commerce, Govt Arts College, Trivandrum (85-88 B Com)
- Dr. Biju. S.K, Assistant Professor of Commerce, Govt Arts College, Trivandrum (93-95 M. Com)
- Mr. V. Sunil Kumar, Assistant Professor of Commerce, Govt Arts College, Trivandrum (93-95 M. Com)
- Dr. K.S. Suresh Kumar, Associate Professor, SDE, University of Kerala(91 – 93 M.Com)
- Smt. Anitha S, Assistant Professor of Commerce, Govt. College, Attingal (92-94 M Com - I Rank Holder)
- Dr .Vasanthagopal .R, Associate Professor, SDE, University of Kerala (89-91 M Com)
- Dr. K. Anilkumar, Associate Professor of Commerce, Govt. College for Women, Trivandrum (85-88 B Com)
- Mr Ajith Kumar, Assistant Professor of Botany & Bio Technology, Govt. Arts College, Trivandrum
- Smt. Jalaja, Under Secretary, Govt. Secretariat, Kerala (93-95 M. Com)
- Mr. Bimal Edwin, Assistant Professor of English, Govt. Arts College, Thiruvananthapuram

- Mr Dileep D. L., Assistant Professor of English, Govt College for Women, Thiruvananthapuram
- Mrs Leena B., Assistant Professor of English, KNM Govt College, Kanjiramkulam, Thiruvananthapuram
- Jahangir J. S., Assistant Professor of English, Iqbal College, Peringamala, Thiruvananthapuram
- Mrs. Sini K. S., Assistant Professor of English, Mar Athanasious College, Kothamangalam
- Mrs Bhavya Prakash, Assistant Professor of English, SN College, Kollam
- Mr Prince, Section Officer, Finance Department, Government Secretariat, Kerala
- Mr Jebin A., Higher Secondary School Teacher in English, Govt HSS, Kasargod
- Mr.Abdul Khadar, Canara Bank Manager(Trissur)(81-84 B.A Economics)
- Mr.S.Rajendran, Supdt.of Police, Vigilance Dept.(81-84 B.A Economics)
- Mr.R.Mohanan, Income Tax Commissioner(81-84 B.A Economics)
- Mr.Rajkumar, PWD Finance Officer(81-84 B.A Economics)
- Smt.Beena Sundar, Deputy Collector, Ernakulam (81-84 B.A Economics)
- Smt.Shakeela, S.O,Agricultural Office(81-84 B.A Economics)
- Lekshmy P., Ist Rank holder in MSc Statistics(2012-14)
- Lekshmi Krishnan c u , IIIrd Rank Holder in MSc Statistics (2013-15)
- Mr.Girija Vallabhan,Chief manager(Civil),NTPL
- Mr.K.Radhakrishnan Nair , Team Manager, Bracco-Imaging
- Dr.Thomas Varghese, Neuro Surgeon, Ananthapuri Hospital
- Dr. M. Ajith Kumar, Associate Professor of English, S.B.College, Changanassery
- Mr. G.Sreekumar, Chief Genearl Manager, R.B.I, Mumbai
- Mr. V.T.Vinayachandran, Manager, SBT,Poojappura, Tvm
- Mr. Yegna Narayan, Canara Bank, Tvm
- Mr. Ramanathan, Naval Architect , Dubai
- Mr .M.Vijayakumar, Electrical Engineer, Trivandrum
- Dr.Satheesh, Paediatrician, W&C Hospital ,Trivandrum
- Mr. AnanthaKrishnan IPS, ADGP, Crime Branch, Trivandrum
- Mr. Niran Das, Broadcast Engineer, Dooradarsan

CRITERION VI**GOVERNANCE AND LEADERSHIP****6.1 Institutional Vision and Leadership****6.1.1 State the vision and mission****VISION**

“Amritam Tu Vidya”
(Knowledge is nectar)

We envisage a holistic development of the individuals by bringing out the best in them, enabling them to imbibe the high values of social commitment and tolerance along with in depth knowledge and research aptitude.

MISSION

To become a premiere academic institution actively involved in generation and dissemination of knowledge by imparting the state of the art education to learners from different strata of society.

The college is committed to helping students evolve into self-confident and responsible citizens by inculcating in them the values of integrity, righteousness and good civic sense.

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

Being a government institution, the Principal and faculty have a major role in the design and implementation of the various policies and plans to ensure quality in service. Motivated and dedicated teaching faculty and non-teaching staff, a well-organized PTA and disciplined students keep the college an ideal place for spreading education and enhancing culture. Being a state run educational institution, the college has to function in conformity with the guidelines laid down by the Government on Higher Education. Monitoring by academic and administrative bodies like the College Development Council, Staff Council and Institutional level Project Development Committee would have a decisive role to play in the nature of functioning of the College. The head of the

institution is the Principal who takes the final decisions in the routine affairs of the college in keeping with the policies of the Government. On the administrative side the Principal is assisted by the Vice Principal and the Senior Superintendent. All the major decisions and policy changes are implemented in consultation with the Staff Council. The curricular and co-curricular activities are primarily carried out through the various departments and supported by ancillary units of the College like the NSS, NCC and the New Initiative Programmes (WWS, ASAP and SSP) of Govt. of Kerala.

6.1.3 What is the involvement of the leadership in ensuring?

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

The action plans and policies of the institution are designed based on well-developed goals and objectives to fulfil the stated mission of the college. The principal plays the leadership role in administration through her involvement in and directions given to various constituent committees, departments and individual faculty members.

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

The strategic plan of the institution is developed based on all present and future operations of the college by performing a SWOT analysis of the individual departments. The strategic plans are basically meant for overcoming the weak points and thereby strengthening the departments. The Principal as the Head of the Institution monitors and approves the Institutional Development Project prepared by the Steering Committee constituted for the development of the college with an institutional level co-ordinator and nodal officers.

Interaction with stakeholders

The College Development Council, consisting of representatives from all stakeholders, meets periodically to discuss on issues relating to the overall development of the college. In addition to that the Principal is maintaining personal contact with all stakeholders to discuss those matters that are positively contributing towards the overall development of the college.

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

All the strategic plans and policies are developed only after thorough need analysis and research. The stakeholders are also consulted in times of need.

Reinforcing the culture of excellence

The excellence of the institution in curricular, co-curricular and extracurricular activities is positively reinforced on time bound basis.

Champion organizational change

Focus is given by the institution to monitor changes and adapt with the changing needs of the environment.

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?

Departments and the Staff Council discuss the various programmes to be implemented in the college and take decisions proactively. Student feedback and overall academic performance are discussed in meetings which are promptly and properly recorded. The College Development Council and the PTA discusses feedback and academic progress, and the minutes of these meetings are recorded and available for review. A monthly evaluation of students is carried out by each department.

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

Meetings of the Staff Council, PTA Advisory Committee, Institutional Development Committee as per RUSA scheme of MHRD, IQAC meetings and staff meetings are the platforms on which all stakeholders are encouraged to contribute effectively for academic growth.

6.1.6 How does the college groom leadership at various levels?

The Principal is the administrative and academic head of the institution who liaises with the government and the administrative bodies of education in the state and with the staff and students of the institution. She establishes a rapport with these stakeholders for effective administration of the college.

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?

Academic merit is given priority in admissions even though reservation is maintained as per rules. The quality policy of the institution is driven home right at the induction programme. Continuous appraisal of the performance of the students, teachers and administrative staff is done regularly. The quality policy is reviewed through the feedback of all stakeholders. The administrative functions of the institution are carried out in a participatory manner through committees. Major administrative decisions of the institution are taken in the meetings of the Staff Council and the College Development Committee. Teaching departments are given autonomy in decisions regarding the academic programme. Teaching, evaluation and feedback systems are developed by individual departments taking into consideration the local as well as the global situation.

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

The College develops plans to comply with the broad guidelines issued by the university and the government from time to time for the successful conduct of academic programme. The College Development Council is the supreme planning body of the institution which discusses and develops institutional plans to match those of the university and government. Developmental issues of the institution are discussed in the College Development Committee. Now, as per the new guidelines, Institutional Development Project is prepared and submitted to KSHEC to obtain financial assistance from RUSA.

The following are the key plans of the institution for the next five years.

1. Start more postgraduate and M.Phil programmes.
2. Convert all the existing PG departments into research centres of the university.

3. Develop infrastructure to keep pace with world standards.
4. Attract funds for research projects and academic programmes.
5. Introduce new skill oriented add on programmes to the UG Students.
6. Assure scholarships for all students.

6.2.3 Describe the internal organizational structure and decision making processes.

The College administration is carried out by the Principal with the help of various bodies such as the Office, the Staff Council and the College Development Council. The Principal delegates duties and responsibilities to these bodies for effective administration.

The Staff Council is an advisory board that helps the Principal in the academic and administrative functions. It is composed of the Principal, the Heads of Departments, the Librarian, and two selected faculty members. The council meets periodically to decide upon major academic and administrative issues. The minutes of the Council meetings are circulated among the departments.

The Parent Teacher Association (PTA) consists of elected members of staff and parents with the Principal as its president and an elected parent member as the Vice President. The General Body of the PTA meets annually and the Executive Committee members meet periodically to transact business. The PTA fund is utilised for student welfare and for the development of the departments. The College Development Committee holds periodic meetings to discuss infrastructural development and maintenance of the institution.

The constitution of development committee is as follows:

1. District collector – Chairman
2. Principal of the college – Secretary and Treasurer
3. One teacher nominated by the College Council
4. The Secretary of the PTA
5. The president of the Alumni Association
6. The chairman of the College Union
7. The Executive Engineer (Building)
8. Four persons to be nominated by the Director of Collegiate Education from among eminent public men and men of arts/letters (preferably former teachers, old students or parents of the students of the colleges)

As per RUSA (Rashtriya Uchchar Shiksha Abhiyan) scheme of MHRD, Govt. of India, an institutional level project development committee is constituted to prepare the master plan for the next three years of 12th Plan period, to obtain development fund from RUSA through the KSHEC. The institutional level committee consists of

- a) Principal : Dr. G. VIJAYALEKSHMI
- b) Institutional level Coordinator : Dr. JOY.V.S
- c) Nodal Officer for academic activities : Dr. GRACIOUS J
- d) Nodal Officer for Civil Works including Environment Management: Dr. SANTHOSHKUMAR
- e) Nodal Officer for Procurement : Dr. BIJU.S.K
- f) Nodal Officer for Financial aspects: Dr. ARUNJILAL
- g) Nodal Officer for Equity assurance plan and implementation : Dr. T. SUBASH

The Committee submitted the IDP to sanction an amount of Rs. 18.50 Crores for the entire plan period.

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

Teaching & Learning

We have a number of technology assisted quality improvement strategies in the institution. The college library is well-equipped with 40448 books, 18 journals (Commerce-12, Economics-3, Physics-2, and Statistics-1), 33 periodicals/magazines and 13 newspapers in addition to the e-books and digital resources, and it is complemented by the department libraries. Modern teaching methods using Broadband Internet, INFLIBNET, EDUSAT, Seminar Halls, Interactive Boards, LCD Projectors and Amplifiers and Laptop Computers are increasingly employed in the classrooms to keep pace with the information explosion around the world. The college provides opportunity to the teachers to attend orientation and refresher courses to make improvements in teaching. The centralized computing facility enhances the IT skills of our students and facilitates better teaching and learning. Members of the faculty encourage students to acquire knowledge from divergent sources. Thus, interactive learning takes place through field work, study tours, group discussions, quiz programmes, workshops, academic seminars, GDs, debates and seminars. Extension lectures by academic scholars are also

offered to the students. Academic progress of the students is assessed through class tests. The tutorial system helps students to overcome learning difficulties.

Research & Development

The Commerce department of the college is a research centre affiliated to the University of Kerala and the Chemistry department of the college is very much in the process of getting the status of a research centre. The Research Committee of the college encourages and motivates the teachers to take up research projects, and fosters a culture of research among the students and the staff. The committee is also involved in synchronizing and facilitating research activities carried out by the members of the faculty by providing relevant information. It updates the faculty members on the availability of funds and their sources. Publication of research findings and presentation of research papers are undertaken by the faculty members.

Community Engagement

Community orientation is a fundamental principle closely followed by the college. Road safety awareness camps and blood donation campaigns organised by the NSS/NCC unit are a few of the activities of the college. The college conducts blood group identification camps every year, and keeps a registry of blood donors, and provides blood to the blood bank and to the needy as and when required. The Centre for Adult, Continuing Education and Extension provides a good support to the community by offering good courses which have higher employability.

Industry Interaction

The College fosters a culture of industry friendliness and creates opportunities for strong interaction of students with industries. The Career Guidance and Placement Cell conducts seminars and workshops in which different industries interact with our students and thus the students get a feel of the demands of the outside job market and the skills they have to develop. Industries also conduct job recruitment drives in the campus and also provide career related seminars in association with the college.

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?

Through the Internal coordination and monitoring, the Head of the Institution ensures that adequate information is available for better management and effective decision making. To review the activities of the institution the Principal co-ordinates the network involving the College Council, Staff Council and the Office Administration. A two way flow of information takes place between these bodies.

6.2.6 How does the management encourage and support involvement of the staff in improving the effectiveness and efficiency of the institutional processes?

The management encourages the faculty members to co-operate in the areas of student development and student support, sharing expertise acquired through local, national and international training programme. Teaching departments actively encourage interdisciplinary knowledge-seeking, utilizing faculty from other departments, conducting seminars at the national level in areas of national and international importance. IQAC (Internal Quality Assurance Cell) takes the initiative in organizing programmes to enable faculty members to share their experience and training.

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

Major Resolutions

- Extension of the Library Block
- NAAC Visit
- Issuing Smart Identity card for students
- Digging up of a bore well

Status of Implementation

- ✓ The Extension of Library Block by adding two more floors to provide more space for the reading and reference section of the library is nearing completion.
- ✓ The Council decided to go for NAAC reaccreditation in 2016. The Self-Study Report is prepared and submitted in June 2016.

- ✓ All students were given smart identity cards with the financial assistance from PTA
- ✓ A bore well was constructed with the assistance of state government.

6.2.7 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?

No such decisions have yet been taken by the college.

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 Principal is the appellate authority of the institution and all employee grievances received by the Principal are placed before the College Council which decides upon the issue based on facts. The minutes of the College Council are an authentic record of all such grievance redressal. Employee grievances are discussed and settled in an amicable way and there has not been any serious instance of employee dissatisfaction in the institution. Complaints from the part of the students will be placed before the discipline committee for appropriate redressal.

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. There has not been any case filed against the institution.

6.2.11 Does the Institution have a mechanism for analyzing student feedback on institutional performance? If 'yes', what was the outcome and response of the institution to such an effort?

Yes, the institution collects feedback on the performance of each teaching faculty, course and the institution and uses the feedback from the students for enhancing the institutional performance. We have the practice of holding meetings of the representatives of various student's organizations and College Union members to discuss the issues related to

student community. Student feedback, feedback from Class PTA and general PTA meetings and the inputs of the teaching departments to the College Council are taken into account in deciding measures to improve academic performance and administrative management.

6.3 FACULTY EMPOWERMENT STRATEGIES

6.3.1 What are the efforts made by the institution to enhance the professional development of its teaching and non-teaching staff?

The Institution promotes professional development of the faculty to the greatest possible extent. The Plan fund is utilised for professional development, enabling the teaching departments to organize seminars, conferences and workshops. College provides facility to all the faculty members to attend refresher and orientation courses. All the faculty members are motivated to apply for minor/major projects funded by the UGC and other funding agencies and to pursue research works individually. Faculty members of the institution actively participate in national and international seminars and conferences within India. The institution encourages faculty members to enrol for or provide resources for training programme and workshops. Non-teaching staff are deputed for IMG (Institute for Management in Government) training programme conducted by the Government of Kerala and to SPARK to get training on handling online salary disbursement for teaching and non-teaching staff. Faculty members are encouraged to participate in FLAIR (Fostering Linkages in Academic Innovation and Research), programme of Government of Kerala which is meant for the development of research talents and academic skills of young teachers.

The Directorate of Collegiate Education provides training to all government college teachers on two levels. The first, OPTIMA, intends to orient fresh young teachers with five years of teaching experience or less for motivating them and helping them to develop the multifarious skills and qualities expected of them in their career. The other, named TEST, aims to maximise the leadership and management potential of senior teachers with less than five years to retire, and also the heads of departments.

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?

There are relevant rules in place regarding attendance at seminars, conferences, refresher and orientation courses, and other training programmes. The need for such training is assessed by the Heads of Department who recommend members of the faculty for such programme. The Government suggests the names of senior faculty who need to be trained for administrative positions when promotions are due. The College organizes seminars, workshops and conferences in various disciplines for its staff as well as for the faculty of other institutions in the state. Government provides fair perks to faculty members on the basis of their nature of work, qualification and designation.

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 makes good use of the self-appraisal method and comprehensive assessment by students to assess the performance of the faculty and staff. The feedback is communicated to the teachers and staff so that they may make necessary improvements in their performance. Department staff meetings address specific issues in teaching and learning pointed out by the students and arrives at a consensus regarding the corrective measure required.

6.3.4 What is the outcome of the review of the performance appraisal reports by the management and the major decisions taken? How are they communicated to the appropriate stakeholders?

The college determines the needs of training and developments on the basis of performance appraisal reports and takes proper decisions regarding training at proper time. The Principal and Staff Council motivate the staff according to their working results and give guidance to the staff. The institution intimates these by way of circulars and notices. In addition to this, staff meeting is conducted to communicate the matters to the appropriate stakeholders.

6.3.5 What are the welfare schemes available for teaching and non-teaching staff? What percentage of staff have availed the benefit of such schemes in the last four years?

The strategies adopted by the Department of Collegiate Education, Government of Kerala for faculty welfare include monetary and 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 also government schemes in place to provide loans for those who wish to buy/construct houses or to purchase computers. At the institutional level, the College Council motivates the faculty members through prompt appreciation of exceptional merit and talent and by providing opportunities for self-expression. The Staff Club of the College is committed to the welfare of teaching and non-teaching staffs and it offers a platform for the talented and creative members.

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

The Institution creates opportunities for self-improvement and provides sound working atmosphere to assure job satisfaction among the staff. It helps the institution to attract and retain eminent faculty. P.G. dept. chooses electives that can make use of their academics.

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?

A college level monitoring committee has been constituted in the college headed by the Principal, and the UGC fund utilisation under different proposals are entrusted with the co-coordinators concerned, who monitor the implementation process and ensure that the work has been completed properly. The fund is disbursed from the office only on the basis of the certification of the work by the coordinator concerned. The plan and non-plan fund utilisation is made according to the direct monitoring by the Principal. The principal and the superintendent make sure that the remittances are made in time. For the utilization of the PTA fund, approval of the PTA executive committee is a pre - requisite and the PTA secretary keeps necessary records related to the utilization. The proposals placed before the PTA/Principal are evaluated and discussed in the staff council to ensure that

the expenditure is only for the developmental activities of the college and the welfare of the students. The utilization of the CDC fund is made according to the approval of the College Developmental Council headed by the district collector.

6.4.2 What are the institutional mechanisms for internal and external audit? When was the last audit done and what are the major audit objections? Provide the details on compliance.

All the accounts of the college are regularly audited. Since the College is a Government institution the accounts are audited by the Collegiate Education Department of Government of Kerala and the Accountant General of India.

The last audit was conducted from 30/04/2015 to 05/05/2015 by the office of the Accountant General, and the audit report has not been received so far.

The penultimate audit was conducted from 12/08/2013 to 19/08/2013 by the office of the Accountant General. The last departmental audit was conducted from 05/05/2014 to 09/05/2014 and 03/07/2014 to 11/07/2014. No serious objections were found.

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 the institutions, if any.

The entire funding for the functioning of the college is done by the Government of Kerala. Tuition fees and special fees collected at the time of admission is an important source of institutional receipts, and it is remitted to the government treasury account. CDC fund is collected at the time of admission and yearly matching grant is allotted to the college by the Government of Kerala. The college collects PTA fund as an additional source of internal revenue for carrying out the activities of the college.

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 is managed by the Directorate of Collegiate Education, Government of Kerala. All the recurring expenditure is borne by the government. The UGC extends financial support for various academic and developmental activities. Now, as per the

RUSA scheme of MHRD, Institutional Development Project has been submitted through KSHEC demanding a grant of Rs. 18.50 crores for the infrastructure development and resource leverage of the college for the remaining three years of the 12th plan period. Besides the PTA, the CDC also extends financial support. The important grants received in the last four years are given below.

a) NON PLAN FUND RECEIVED FROM THE GOVERNMENT OF KERALA

No	Heads	2011 -2012	2012-13	2013-14	2014-15
1	Electricity charge	177476	245783	271891	301097
2	Water charge	72411	74533	98852	103705
3	Materials &supplies	21664	19398	25143	36779
4	Telephone	4525	3991	3748	4857
5	Other charges	878	-	-	-
6	Tour TA	-	-	-	-
7	Transfer TA	-	-	-	-
8	Medical reimbursement	-	-	2280	-
9	Wages	38391410	45166365	53136900	62514000
10	Assistance to DCE & PCE (P)	59990	58000	90000	-
11	Walk with a Scholar	-	114000	292500	350000
12	Scholar Support Programme	-	95000	175000	183500
13	Asset maintenance fund	-	-	-	-
	Total	38728354	45777070	54096314	63493938

b) PLAN FUND RELEASED BY GOVERNMENT OF KERALA

NO.	Heads	2011-2012	2012-13	2013-14	2014-15
1	Study Tour	-	20000	30000	100000
2	Faculty Development	160000	160000	150000	200000
3	Matching Grant	108000	100420	-	-
4	Other charges	299888	-	124000	-
5	Student Amenities	-	-	-	-
6	Minor works	300000	-	-	-
7	Accreditation of College by NAAC	196616	1100000	500000	449583
8	Purchase of lab/library	147092	598440	199885	799381
9	EDUSAT	800000	500000	400000	499274
10	Maintenance of playground and other sports furniture	150000	-	-	-
11	IT grid	64422	67906	176453	70704
12	Starting of new courses	-	400854	1100000	599540
	Total	2226018	2947620	2680338	2718482

6.5 Internal Quality Assurance System (IQAS)

6.5.1 Internal Quality Assurance Cell (IQAC)

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

Yes, the college has established an Internal Quality Assurance Cell (IQAC). The Directorate of Collegiate Education, Government of Kerala has introduced many programmes in colleges to ensure the internal quality in colleges. Government Arts College, Thiruvananthapuram, being part of this venture, has introduced programme like, ASAP, SSP and Walk with a Scholar.

b) How many decisions of the IQAC have been approved by the management/authorities for implementation and how many of them were actually implemented?

The decision to re-accredit the institution by NAAC is approved by Staff Council. Likewise, the decision to introduce the new initiative programme of Government of Kerala like ASAP, SSP and Walk with a Scholar has been approved and implemented by the College Staff Council.

c) Does the IQAC have external members on its Committee? If so mention any significant contribution made by them.

Yes, there are external members in its committee. Most of them are faculties of different colleges who are acting as external mentors or trainers engaging classes for WWS or ASAP. Representatives of PTA, Alumni and students are also members of IQAC.

d) How do students and alumni contribute to the effective functioning of the IQAC?

Feedback from the students and the alumni is the basic tool used by the cell to ensure quality in curricular and co-curricular activities. In addition to that, due representation is given to students and alumni in the cell.

e) How does the IQAC communicate and engage staff from different constituents of the institution?

Proper co-ordination of activities by engaging staff from different constituents of the institution is the basic responsibility of the IQAC. Teachers in charge of different activities of the college are given awareness about the different formats to be followed in oral and written communication both internal and external with respect to the institution to ensure smooth functioning of their respective activities.

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.

Yes, the College has an integrated framework for quality assurance of the academic and administrative activities. It is operated on the basis of a directive of the Directorate of Collegiate Education and Kerala University that are implemented through IQAC.

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, the administrative staff periodically undergoes training. The faculty members regularly update their knowledge through orientation and refresher courses, university trainings and through attending seminars of national and international importance.

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?

Yes, the academic audit is achieved through student feedback on the programme structure and quality of teaching.

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

The college is in the second cycle of the accreditation process and our quality assurance mechanisms are aligned with the requirements of external agencies.

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?

Currently the teaching-learning process is reviewed through student feedback and result analysis. The results are discussed by the staff council and it suggests steps to improve the quality of teaching learning process such as special classes or peer group study.

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

The prospectus of the college, the P.T.A meetings and the college calendar communicate the policies and practices of the college to the internal and external stakeholders. The college gives reports to the media whenever required.

CRITERION VII

INNOVATIONS AND BEST PRACTICES

7.1 Environment Consciousness

7.1.1 Does the Institution conduct a Green Audit of its campus and facilities?

We have been consistent in our efforts to make the campus green; and have set up a Nature Club to foster the culture of eco-friendliness. We plant trees in and around the college campus with the help of the NSS, NCC and the Nature Club. All these cells actively contribute towards a green, eco-friendly campus. The college campus has developed a plastic free culture in the sense that the students and faculty use only recyclable plastic above 50 microns. We do not have plastic waste in the campus beyond a reasonable limit. We also aim to sensitize the students and the community to recognize the importance of energy conservation and proper waste management. It has been proposed to implement rainwater harvesting project and solar energy conservation panels as per the college master plan.

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

Energy conservation

The college has a lot of electrical equipment which require regular power supply. To reduce our consumption of electricity, we have done away with bulbs and electric heaters in the campus and have resorted to CFL and LED lights. We have developed a conservation culture of using energy in a thrifty manner that all the unnecessary connections are disconnected after the class hours and during holidays. By effectively monitoring whether any light, fan or air conditioner are on during off hours, this institution has succeeded in reducing electricity consumption to a considerable extent. All windows and air passages are left open during day time to utilise the natural light and flow of air.

Plastic free campaign

The college does not encourage the use of plastic band flex banners. The students are encouraged to use jute cloth carry bags instead of plastic bags. Students are also encouraged to bring lunch in reusable containers.

Efforts for carbon neutrality

Ours is a zero carbon emission campus as we do not use refrigerators, air conditioners and other carbon emitting equipment beyond the permitted scale and point.

Plantation

The campus has been beautified with trees. A number of fast-growing trees were planted in the campus during the last few years. We have collaboration with the State Forest Department to distribute saplings and plants to the staff and students.

Nature Club

On World Environment Day every year, the social forestry/ forest department distributes saplings among the teachers and the student community. The Nature club of our college takes pride in initiating activities sponsored by the Govt. of Kerala under the 'Ente Maram' programme. The Nature club undertook hanging of name boards on the trees of the campus. The name boards have the species name as well as the common name of all the trees in the campus.

Hazardous waste management

The College aims to make the campus plastic-free by avoiding non-biodegradable products such as plastic glasses, cups, plates and straws in the college canteen and also by instructing the students to avoid bringing plastic covers. The use of flex banners is also discouraged. Bins are placed in different parts of the campus for the segregation of plastic, paper and food waste. Students are given training in segregating biodegradable wastes such as food and paper and non-biodegradable waste such as plastic and glass.

E-waste management

Every effort is made to repair and reuse electronic and electrical devices. The college is fully conscious of the issue of e-waste, and currently we manage the issue by arranging

the distributors themselves to take back our irreparable electronic commodities to be recycled or processed professionally.

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 tremendous developments and has introduced a number of innovations in infrastructure, teaching and learning, administration, student support and progression. These are mentioned below:

1. Conversion of classrooms into smart classes
2. Use of intranet facility for speedy transfer of data and files
3. Modernisation of auditorium and library.
4. Campus has been beautified with trees.
5. All students are supported with scholarships.
6. Students are supported in online registrations and examination enrolment.
7. Subsidized printing and copying facility introduced.
8. A canteen has been functioning inside the college campus.
9. Admission process has been computerized.
10. Office administration has been automated.
11. All departments apply for UGC funding for academic programmes like seminars and workshops.
12. General library has been automated and updated.
13. Funds for study tour have been procured.
14. Student seminar presentations have been done with the help of interactive projectors and the same have been printed and kept in the library for future reference.
15. EDUSAT facility started in the college.
16. New Initiative Programmes like Walk with a Scholar, Scholar Support Programme, and Additional Skill Acquisition Programme started.
17. Girls' amenity room constructed.
18. Completed the Health and Fitness Centre.
19. Internal Quality Assurance Cell constituted.

7.2.2 Innovative Programme, Clubs and Activities

1) Scholar Support Programme (SSP)

This is a new initiative programme for the improvement of quality in education for the academically weaker students at the UG level. When it was started in the academic year 2012-13 by the Government of Kerala as an innovative programme, our college took initiatives to start the programme in the same academic year itself. Now the programme has completed three years successfully in this college. The students who have secured less than 60 % marks are eligible for selection to this programme. Sixty extra teaching hours are allotted to such students. Qualitative faculty within and outside the college are deputed to handle the classes. The classes are arranged outside the working hours and on holidays. One member of the teaching faculty will be the co-ordinator of the programme. Study materials including notebooks, pen, photostat copies of academic books and books on relevant topics are distributed among the students. Students who are coming from remote areas are provided with travelling allowance. Refreshment items are provided whenever possible for all students. The feedback of the students is useful for making improvements in the schedule and the functioning of the programme. Higher Education Department and Collegiate Education Department of Government of Kerala organise classes for SSP Coordinators. Directorate of Collegiate Education prepares question banks of various subjects through workshops of teachers concerned and the model question papers thus prepared are distributed in all colleges among students under this programme. The Principal of the College is the whole time patron of the programme. Smt. Anju A Palavila has been working as the Co-ordinator for the programme.

2) Additional Skill Acquisition Programme (ASAP)

The Additional Skill Acquisition Programme (ASAP) seeks to equip students currently enrolled in under graduate Courses in Arts & Science Colleges, with industry/business relevant skills. It aims at creating employment opportunities for the unemployed youth, emphasizing industry linkage and enhancing the employability of students. Expertise of industry based organizations like NASSCOM, CII, FICCI and various Sector Skill Councils set up by the National Skill Development Mission is sought for the Programme. The programme focuses on additional skill acquisition, through a series of activity based modules including Communication, Information Technology, and Skills etc., defined by the Industry so as to ensure that the students passing out of the institution have

employable skills that are required by the labour market and the industry, nationally and internationally. The programme was started in the college in 2012 with 30 students. The first batch has completed their 180 hours foundation module and 120 hours of their skill courses in Accounting, Printing, Journalism and Electronics. The confidence level of the students has increased tremendously with regard to their communication and presentation skills. The present institutional level Co-ordinator is Dr. Manju C R.

3) Walk with a Scholar (WWS)

It has been observed that the students in Arts, Science and Commerce colleges do not get necessary orientation to prepare them for employment or guidance necessary to select areas for higher study. Walk With a Scholar (WWS) scheme proposes to arrange specialized mentoring programme for students in Under Graduate Programs 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 a 'Guide' and 'Friend'. The mentoring scheme for students will be purely voluntary in nature. It is open for all students entering the first year of the under graduate programme of study. 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. Smt. Rajani R Nair takes care of the scheme in the college.

4) Career Guidance and Placement Cell

A career guidance cell is functioning in the college and it aims at informing the students about competitive exams, options in higher education and placement opportunities through seminars, lectures, demonstrations, brochures etc. The counselling centre attached to the cell offers advice and psychological guidance to help students to overcome the stress and strains of adolescence and to strengthen them mentally. The Career Guidance and Placement Cell is actively functioning in the College. Smt. Biji M S, Assistant Professor of Physics is the coordinator of the Placement cell in the college. A brief report of the activities of the cell for the last academic year is given below.

- The Federal Bank, leading Nationalised Bank in India expressed their willingness to conduct campus recruitment for the passed out students of our college. Twenty nine students of this college participated in the selection process. Conducted as off

campus recruitment. Ten students were shortlisted for Group Discussion and Personal Interview and finally two from our college were selected.

- Three students of our college participated in the off campus interview conducted by WIPRO at Christ Nagar College, Maranallor, Trivandrum. One student got selection and she has to join after her graduation.
- For Science Stream students, the CGP group conducted two hour class on Career opportunities in their respective disciplines. Forty five students attended the class
- TIME institute conducted career oriented seminar for the final year and the second year BA & B Com students. The orientation programme concentrated mainly on how to face Bank Examinations and about the preparations for CAT Entrance examination for MBA admission.
- Our college has registered in India Skill Report 2016 and the students were encouraged to participate in the skill assessment programme
- Aimfill International conducted campus interview in the college in which students from nearby colleges also participated. Out of forty eight students participated; twenty two were from this college. Eighteen students qualified for the second round interview.
- The data base of the passed out students were sent to companies like HDB Financial services, Telecart LLP ,TCS, ICICI Bank, Reliance, Speetech International, Transource Solution etc.
- Four students of the final year participated in the TCS off campus placement drive and one was selected for the main interview.
- In association with the Women cell of the college Counselling classes were conducted.
- Sixteen students of our college participated in a career guidance class conducted by G.Venkataraman at Loyola Colleges of Social Sciences.
- Database of passed out students were sent to National Employment Service, an initiative of the Govt. Of Kerala, under Labour Dept.

5) Anti – Ragging Cell

As per the order of the Supreme Court, an Anti-Ragging Cell was constituted in the college to prevent ragging. The cell makes arrangements for conducting awareness programmes on ragging and related issues. The Anti-Ragging Cell was formed in the

institution with the objective of curbing ragging. It is brought to the notice of the students and other various stakeholders that ragging is a criminal offence. The Anti –Ragging Cell has been functioning in the College since 2009. The main objectives of the Cell are:

1. To make the students aware of the dehumanizing effect of ragging and to ensure that any act of ragging shall not go unnoticed and unpunished.
2. To keep a continuous watch and vigil on ragging so as to prevent its occurrence and thereby creating a disciplined academic atmosphere.
3. To deal with the incidents of ragging brought under the notice of the cell.

Members of the Committee:

- Co-ordinator of the Cell
- Principal of the College
- Vice-Principal of the College
- Office Superintendent
- HODs of various Departments
- CDC Member
- ASI of Police Department.
- PTA Member
- Student Representatives

Dr. Arunji Lal is the Co-ordinator of the Cell in the current academic year.

Main Activities of the cell are:

1. Conduct annual awareness programmes to the students regarding the evil effects of ragging.
2. Students are requested to take an Anti- Ragging pledge at the time of admission in the presence of parents.
3. In collaboration with the NSS unit and the Women’s Study unit of the college the Cell conducts legal literacy class to students.
4. Under the auspices of the Women’s cell, self –defence training is imparted to the girl students by the Kerala police.

6) Human Rights Club

Human Rights Club as its name suggests is about the rights inherent to all human beings. This club was initiated to enrich the students with a general awareness about the rights

and laws granted to the citizens by the government. The Human Rights club aims at creating a wide range of awareness of human rights among the student community. Its vision is the creation of a society where human rights are preserved. To fulfil this objective, the club organizes a number of intellectually compelling programs such as debates, quizzes, essay competitions, brain storming sessions and the like. Through its multifarious activities the club hopes to create a student community that shall be at the forefront of defending the rights of all sections of human society irrespective of race/or national boundaries.

The club organised

Structure of the club: The convenors of the Human Rights Club 2015-16 are Smt. Dhanya Nair R. (Assistant Professor) and Dr.Vineshkumar B. (Assistant Professor), both from Department of Statistics, Govt. Arts College. The Human Rights Club has 32 students from various departments as members of the club.

Funding Agency: The fund for various activities of the club was provided by the Institute of Parliamentary Affairs (INPA). Institute of Parliamentary Affairs is an institution established by the Government of Kerala to make democracy the organizing principle of the social and political life of the people of India, particularly Kerala. As a part of the extension of activities of the institute to the college level, our college was selected for constituting Human Rights Education Club and a fund was sanctioned for the functioning of the club in the academic year 2015-16.

Activities of the club during 2015-16

- (i) Inauguration and Awareness Programme: The activities of the Human Rights club for the academic year 2015-16 were formally inaugurated on October 9, 2015 at 1.30 pm by Dr.G.Vijayalekshmi, Principal, Government Arts College at the seminar hall. The inaugural function started with a welcome speech by the convenor of the club Smt.Dhanya Nair.R followed by inaugural address of the Principal. She talked about the relevance of human rights in the present scenario and the necessity of awareness about our constitution especially the rights and duties of citizens. The inaugural address was followed by a talk on the 'Role of human rights club in colleges' by Smt. Suchitra Devi, Assistant professor of Economics, S.N. College, Varkala. This talk is marked as the first activity of the club in the college in the academic year 2015-2016. Smt. Suchitra Devi discoursed

about the various aspects of human rights. She presented its history and origin, and discussed about the violations that are happening in our society. Student members of the club interacted with her at the end of the session, through which the students raised many questions and this led to an active discussion. On behalf of Human Rights Club, Aysha Hussain of II B.Sc Physics, proposed a Vote of Thanks.

(ii) Essay competition on the topic 'Use and Abuse of Human Rights': On December 10, the human rights day, an essay competition was held on the topic 'USE AND ABUSE OF HUMAN RIGHTS'. Ms. Gowri R.S. of I B.Sc. Physics and Mr. Renjith Raju of M.A Economics shared the First prize. Ms. Rajani S.S of 1st B.Sc Physics won the second prize. On the same day, some posters were exhibited in the main notice board of the college to make awareness about the importance of human rights day celebration.

(iii) Poster Exhibition on Human Rights: An exhibition on human rights and its violation was held in the college on February 17, 2016. The exhibition was inaugurated by the college principal Dr. G. Vijayalekshmi. About 60 charts on various issues were exhibited. The posters were exhibited under the following categories.

1. *History and origin of human rights*
2. *Child labour*
3. *Violation against women*
4. *Refugee crisis*
5. *Waste management and town planning*
6. *Terrorism*
7. *Problems of old age,*
8. *Endosulfan victims*
9. *Nuclear explosions*
10. *Forced labour*
11. *Freedom of expression and*
12. *Strikes*

(iv) Motivational Talk: A talk for inspiring the students was held on February 17, 2016. The function started with a prayer song by Kum. Sreedevi B.T of I B.Sc

Physics. The convener of the club Dr.Vineshkumar.B welcomed the gathering. This was followed by a talk on the topic ‘You- The Youth- An Asset to the World, How?’ by Dr.K.G.Vijayalekshmy, Director of Sandepani school, Thiruvananthapuram. She is also the chairperson of Women Empowerment & Human Resource Development Centre of India. Madam ignited the minds of students through her inspirational talk and a power point presentation. She helped the students to have a clear idea about their role in making the society a habitable one for each and every people living here. The session was then concluded by a vote of thanks by Harikrishnan K.S. of II B.A Economics.

- (v) Debate on: ‘The Necessity of Legislation in Women Empowerment’ was held on 16-03-2016 at the seminar hall. Moderator of the debate was Smt. Manju.C R, Assistant Professor of English, Govt. Arts College. There were two teams, Team 1 and Team II. Team 1 speaking for and Team II against the motion. The team members are as follows:

Team I: Athira.A, Sreeshma J.R, Akhila A.S, Anjana Prasad, Devika B.S and Aysha Hussain.

Team II: Sreedevi B.T, Saranya S.R, Gowri R.S, Anu.N, Harikrishnan K.S, Jafar.N.

The heated but interesting debate lasted over one hour. The moderator advised the students to improve their debating skills by patiently listening to others arguments and giving them time to complete their views.

- (vi) Debate on ‘Displacement of refugees: Should the governments relax their immigration norms’ was held on MARCH 28 at 2.30 pm.

Moderator: Smt. Manju.C R, Assistant Professor of English, Govt.Arts College.

There were two teams, Team 1 and Team II. Team 1 speaking for and Team II against the motion. The team members are as follows:

Team I : Gowri, Saranya, Akhila, Athira.A, Thameera, Anjana, Devika, Sruthipriya Team II: Sreedevi B.T, Jafer.N, Harikrishnan.K.S, Aysha Hussain, Athira.S.S , Shahinaban .A.R, Sunitha, Athira.P & Adithya

The students were well prepared. The moderator appreciated the students for including valid facts in arguments.

Brief Activity report of Human Rights Club 2014-15

Dr. Vineshkumar B & Mrs. Dhanya Nair R. from Statistics department were given the charge of Human Rights Club this year. The activities of Human Rights Club of Govt Arts College (2014-15) started with a formal inauguration by Principal Dr K Jayakumar. There was a quiz competition associated with the function. Harikrishnan K S and Jafer N from 1st BA Economics won the first prize. Devika B S and Aysha Hussain S M from 1st BSc Physics bagged the second prize.

The next programme organised by Human Rights Club was the Human Rights Week from December 4 to December 10. A Group Discussion on the topic 'Human Rights Movements in Kerala' was conducted on 4th of December and an essay competition on 9th of December. The Human Rights Day celebrations were held on 10th December. Al Ameen from 2nd B.Com won the first prize in essay competition. Aswathi Krishnan from 3rd B.A got 2nd prize.

Brief Activity report of Human Rights Club 2013-14

Human Rights are the essentials for the living of each human beings and UNDHR declares that these are the rights entitled to each human beings by birth. But the instances of human rights violations are increasing day by day. There needs to be a platform for discussing Human Rights in every areas of life. It is in this light that a Human Rights Club was started in Govt Arts College. Dr. N V Sreekumar of Dept. of Statistics was given the charge of the club.

The club focused mainly on discussions among students. The discussions were held every week on current topics. The topics discussed included death penalty, extra judicial killings, development, human rights etc. The discussions were much fruitful as it helped students to get information on different issues and their different perspectives.

Another event conducted in connection with the Human Rights Day Celebration was the Group Discussion by students on the topic 'Human Rights and the State'. We hope to extend the activities of Human Rights Club to more areas.

7) Entrepreneurial Development Club (EDC)

Government Arts College, Thiruvananthapuram has ED club which aims at creating wealth and employment opportunities with the unlimited human resource potential of Kerala by developing entrepreneurship in the youth. The aim of the club is to nurture the latent entrepreneurial talent and to develop awareness among its members about the attitudes, values and skills of successful entrepreneurs around the globe.

Objectives of the club:

- To sensitize the students on the economic and industrial development scenario of the state.
- To inculcate entrepreneurial culture in students.
- To enable them to take informed decisions.
- To induct entrepreneurial spirit in the institution.
- To bring in successful entrepreneurs and students on a common platform.

Functions of the club

- Organize interactive sessions with successful entrepreneurs from outside as well as from within the state.
- Organize workshops/debates.
- Organize industrial visits to business enterprises within /outside the state.
- Introduce talented youth to industrial research organizations.

The Coordinator of the Club is Sri. V.M. Purushothaman from the Department of Commerce. The club started functioning in the college from October 2014 with 98 members to start with. Some of the programmes conducted by the club is as follows

The first programme of the club was an awareness class conducted by the District Industries Centre, Thiruvananthapuram on 6th November 2014. The class focused in the need to inculcate the habit of generating business ideas among the students.

The club organized a Chartered Accountancy Career Counselling Seminar on the 16th of October 2015 in association with the Institute of Chartered Accountants of India, Thiruvananthapuram Branch (SIRC). The topic of the seminar was “The Global Career and Endless Opportunities”. The renowned Chartered Accountant Sri. M Sreedharan was the resource person for the day.

A seminar on the relevance and importance of Company Secretary course was conducted by the club on February 13th, 2016. The students gained much information regarding the employment prospects of the course.

8) Nature Club

The Nature Club in the college plays an important role in imparting progressive values regarding the conservation of environment. The club also joins hands with the Social Forestry Wing of the Forest Department, Government of Kerala to keep the campus green, clean and plastic free. Important days like World Earth Day, Forest Day and Environment Day are observed in the college.

Activities

- Organised a three day residential Nature Study Camp at Neyyar Wildlife Sanctuary, Neyyar, Thiruvananthapuram.
 - Trees have been planted in the campus from 2011 to 2015.
 - Saplings are distributed among the students and staffs to be planted at home.
 - Conducted a poster exhibition on e-waste management.
 - Placed litter boxes in the campus.
 - Conducted talk shows to make the students aware of recent environmental issues.
- Sri. Ajith Kumar P is the Co-ordinator of Nature Club.

9) Women Study Unit

The College has established a Women's Study Unit in the college campus for the women faculty, staff and girl students, to enhance the understanding of issues related to women particularly, harassment against women, neglect, violation of her rights, and welfare of women students. It aims to make the college campus a safe place for them. With an aim of creating awareness of their rights and duties the cell organizes and participates in seminars, talks and also takes up women's issues and problems. The cell serves as a platform for women to share their experiences and vision regarding their repute in the society and to suggest ways to improve and empower themselves. Dr. Priya, Assistant Professor of Sanskrit is the coordinator of the cell.

The Women's Study Unit of the college has conducted various activities, some of which are listed below.

- A Talk on 'Adolescence and Gynaec problems'
- Classes on Career Oriented Personality Grooming with the support of Kerala State Women's Development Corporation Ltd.
- Classes on Legal awareness
- A Twenty Day 'Self Defence programme' in association with the Janmaitry Police Station, Perrorkada. Six classes of this type have been completed.
- A class on 'Drug Abuse and Social Media' led by Sri. Thulasidharan Nair, Sub Inspector, Janmaitry Police Station, Perrorkada.
- A class on Self Defence by Sri. Rajendran, Deputy Public Relations Officer, Police Head Quarters.

- A class on ‘Drug Abuse and Dangers lurking under social media like Facebook, Whatsapp and Twitter’ by Sri. Jawahar Jaganadhan, DySP, Narcotic Cell, Shanghumugham.
- A counselling class led by Smt. Kalarani VS, Assistant Professor of Psychology, Govt. College for Women, Thycaud.
- An interactive session for both boys and girls led by Smt. Kalarani VS, Assistant Professor of Psychology, Govt. College for Women, Thycaud.
- One day seminar on ‘Bhoomi, Jalam, Women’ in connection with World Women’s Day, Water Day, Environmental Day on march 21st 2016 conducted by Nature club and Women’s Study Cell. Smt. Parvathy Menon, HOD, Department of Botany, MG College inaugurated the function and gave the keynote address. Dr. G. Vijayalekshmi, Principal, Govt. Arts College presided over the meeting. This was followed by talks on ‘Women and Environment’ by Dr. Betty Mathew, Asst. Prof. Of Malayalam, NSS College Karamana, Dr. PE Usha, Sr. Project Director, Kerala Mahila Samajam. Awards to students were distributed by the Principal during the Valedictory Function.

The college also has a forum called CASH (Committee against Sexual Harassment). Dr. Sheela K.L and Smt. Dhanya Nair R from the Department of Statistics

10) Fostering Linkages in Academic Innovation and Research (FLAIR)

Newly joined faculty members of the college, who have less than five years of service and have at least 20 years of service left are FLAIR members. FLAIR is a programme initiated by the Department of Higher Education, Government of Kerala. The programme aims at motivating faculty members to adopt innovative teaching-learning and research strategies. It also aims at bringing about quality consciousness in the field of higher education through meaningful interventions in academics and research. The programme also envisages establishment of web- based networks of academicians called ‘Collaborative Academic Networks’ (CAN) for knowledge sharing. The College has a representation in the programme since the inception of the scheme.

In 2013-14 Dr. Nimi, Faculty from the Department of Commerce was selected for the FLAIR International Internship to UK.

Smt. Rajani R Nair, Assistant Professor of Commerce was selected as for the FLAIR National Internship in 2014-15; she visited IIT Chennai as part of the programme.

In the year 2015-16, Dr. Vishnu V S, Assistant Professor of Chemistry was selected for the International Internship to the UK. He visited the Nottingham Trent University as part of the programme.

11) Literary and Quiz Club

Under the aegis of Department of English, the Literary Club was launched to explore and promote creative and literary activities among students of the college. The club has a prominent role in building up the imaginative, intellectual and creative skills of the students. The club is active in organising and conducting various literary activities like elocution competition, essay writing, versification, drama presentation, quiz competitions, discussions and debates on various topics. The club members also observe the days of national and international importance through related activities. Smt. Devika Paniker from the Department of English is the convenor of the Literary Club. Smt. Anju A Palavila is the co convenor of the club.

The literary and quiz club of the year 2015-16 was under the president ship of Al Ameen, a student of III year B Com. the motive of the club was to bring up a genuine interest in general knowledge through various quiz competitions among students. It also tried to provide an exposure to literature through literary programmes.

The club was successful in the implementation of many appreciable programs like 'weekly quiz competition' on all Tuesdays. All the departments of the college came up turn wise, to conduct the quiz every week.

A grand quiz competition was also conducted on 30th of October 2015 to commemorate the Kerala state formation day, which falls on 1st of November. In connection with Shakespeare's 400th death anniversary, 1st year MA English students conducted a power point presentation on Shakespeare, his life and his works, on 6th of November 2015.

On 26th February 2016, a programme was conducted in connection with Matrubhasha Dinam (Mother tongue day) and in commemoration of the late veteran poet Shri ONV Kurup, who passed away on 14th of February 2016. Dr Radhika C. Nair, Editor of the Balasahitya Institute was invited as the chief guest of the function. In this programme, many students got a chance to recite poems. Students also got the opportunities to participate in competitions held by various organisations outside the college. Institutional level prizes in the essay competition conducted by Shri Ram Chandra Mission in collaboration with the UN Information Centre for India and Bhutan were also awarded.

12) EDUSAT

EDUSAT is a facility provided by the Dept. of Collegiate Education, Govt. of Kerala for providing the students the facility to attend live classes by eminent scholars/resource persons, telecast by the UGC or premier academic institutions in India. Classes are telecast every Tuesday and Thursday at 11 A.M, at the main studio located at Sanskrit College campus, Thiruvananthapuram. Teachers also get the opportunity to handle classes. During class time, students can directly interact with resource persons through Edusat facility provided in the College. Dr. Prince P R, Assistant Professor of Physics is the faculty in charge of EDUSAT studio.

13) Science Club

The science club functioning at Govt. Arts College aims in conveying new thoughts and realistic ideas about science to the developing brains and to enrich them with interesting aspects of science. Science club activities are conducted every academic year to build a scientific aptitude among students. Seminars and quiz programmes are conducted. The students of BSc Physics, BSc Botany and Biotechnology are the members of Science club. The Members collect up-to-date scientific information in the scientific media and disseminate the collected information through the notice board displayed in front of the science block. Lectures by experts in different scientific fields are organised frequently. The staff co-ordinator of the Science Club is Smt. Sabitha Mohan. M. R, Assistant Professor, Department of Chemistry and the student secretary is Mr. Shan.

In the academic year 2014-15, the following activities were conducted by science club

1. Dr. Prince P R, Assistant Professor of Physics of our college delivered a talk on “Our Mars Mission – Mangalyan” on the 6th of October 2014.
2. A Poster Exhibition was organized on the topic “Our Environment”

The club was successful in conducting numerous programmes in the academic year 2015-16.

1. The official inauguration of the club was on the 4th of November 2015. Dr. G. Ajayakumar, Assistant Professor of Chemistry, Govt. College for Women inaugurated the function. He also delivered a talk on the topic ‘Career Prospects in Science’. A handwritten magazine named ‘Nebula’ was also released as part of the function.

2. Science club organized the National Science Day celebrations in the college on 29th February 2016. A poster exhibition on the topic “Our changing Earth” was arranged as part of the programme.
3. A hands on training on ‘Soap making’ was organized by the club in association with the Department of Chemistry on 22nd March 2016. Dr. Saji Alex, Assistant Professor of Chemistry, Govt. College for Women was the resource person for the programme.

14) Research Committee

The College Research Committee is responsible for advising on quality assurance and regulatory issues, on the sharing of good practice and on the development of College policy affecting research. The committee aims at developing the Faculty's research strategy and monitors their research performance. Dr. Gracious J from the Department of Commerce is the Convenor of the Committee.

15) Media Club

The Media Club of Government Arts College, Thiruvananthapuram conducted many programmes in the academic year 2015-16. Smt. Renjini R of English department is the Convenor and Sri. Shijumon of Commerce department is the Co-convenor. The co-curricular endeavours of the club was begun on an unofficial note by commemorating August 6, The Hiroshima Day by delivering anti- nuclear war messages in three international and three national languages. Ms. Sailekshmi, second year Economics student delivered the message in English, Mr. Sachin of first year Economics degree programme in French, while Ms. Fathima, first year Biotechnology programme in Arabic. The announcement in Hindi, Malayalam and Sanskrit were expertly handled by Ms. Rejitha, second year Economics student, Mr. Hari, second year Economics student and Mr. Vishnu, first year Economics student respectively.

The Media Club members also conducted a Flash mob in the campus to attract young talents into the club. The formal inauguration of the Media Club was conducted on 28-09-2015 by the veteran media activist Mr. N.V. Balakrishnan, Co-ordinating Editor, Kairali TV channel. The club members also bagged the second prize in the Patriotic Song Competition conducted under the auspices of Government of Kerala at VJT Hall, Palayam.

One of the leading newspapers in Malayalam, Mathrubhoomi offered a golden opportunity to the budding creative talents in our campus this year. Mr. Murali.R, Unit Editor, Mathrubhoomi arranged an orientation programme in our college with the support of Media Club to enhance the literary talents of our students.

Clik de Sec, a mobile photography contest held by Media Club in our college proved to be a runaway hit with numerous entries on the theme- “Prakriti Ninte Vikriti”. The entries were judged by Mr. B. Prasannan, Chief Photographer, Mangalam daily who commented on the calibre of our students.

The programmes of the Media club this academic year ended on a remarkable note by observing the *Malayala Bhasha Dinam* on 28 February 2016. The club also paid homage to the muse of Malayalam literature, Sri. O. N. V. Kurup, poet, lyricist and teacher who passed away on 13-02-2016. The chief guest in the function, Dr. Radhika C. Nair, writer, translator, and a beloved disciple of O.N. V. Sir elaborated on the pressing need to nurture a passion for Malayalam language and literature in the emerging generation of students, scholars and researchers.

BEST PRACTICE – 1

English Made Easy

Title of the Practice: English Made Easy

Goal

To impart language lessons to the economically weaker and backward children of Government Model Higher Secondary School and to strengthen their communication skills and knowledge of English Grammar.

The Context

Govt. Arts College is situated near a colony called ‘Rajaji Nagar’ which is often identified as a ‘Problem Area’ by the District Administration. We are aware of the fact that a lions share of the problems created by the inhabitants of the colony springs from lack of proper education and employment. We have also recognized the fact that as nearby institution of higher learning, it becomes imperative that we too make a positive contribution to the uplift of the region. Since most of the children from the colony are students of the nearby Govt. Model HSS School, we thought it fit and proper to lend a helping hand to them in mastering English language. The programme was conceived keeping in mind the fact that the majority of students who fail in their public exams fail in English and Maths.

An action plan has been charted out and a syllabus with grammar lessons and modules of communicative English has been formulated. The PG students of the Department of English lead the classes under the guidance and supervision of the faculty members.

The Practice

The selected students of Govt. Model HSS come to our college after their regular working hours i.e. at 3.30 pm. PG students of English engage them for an hour by taking classes on topics allotted to them. They take turns and prepare PowerPoint slides/learning materials for the portion assigned to them. The use of ICT enabled devices like the OHP/TV make the classes lively and interesting. Discussion in the target language ensures participation by the students. Regular tests in grammatical items are given to obtain feedback on the success of the programme. The language lab is effectively used to teach correct pronunciation.

Evidence of Success

The success of the programme can be gauged from the remarkable improvement shown by students in using the language. Most of the students better their grades in their school examinations and some of them have even shown an active interest in learning the language.

Problems encountered and Resources required

The department had great difficulty in convincing the school authorities to send the children for the classes. The children themselves have a tendency to absent themselves from the classes and go for work as most of them have part-time employment after working hours.

The Department of English is facing a dearth of resources for providing these children light refreshment as well as photocopies of the learning materials. Since there is no provision for financial aid for such extension activities, we have practical difficulty in providing these for the children on a regular basis; which would have been a great incentive for them to attend the classes.

Notes

We consider this programme one of our best practices since it directly benefits the needy children of the locality. We are sharing our resources – human and otherwise – to a group of people who have been denied their right to education and decent living.

It benefits our students also since the programme helps them to perfect their inborn talents and skills as blooming teachers. It also instils in them a sense of responsibility and social commitment.

BEST PRACTICE – 2

The Readers Forum

Title of the Practice : **The Readers' Forum**

Goal

To promote self-education and lifelong learning and the mastery of Life Skills is the essence of the vision and mission of the Library. Activities of the Readers' forum aim to achieve the goal.

The context/background

The formal education system is anchored on prescribed syllabus and curriculum and examining the content knowledge. But the learner needs to know many other things which are out of the syllabus and outside the domain of the current educational practice. The system produces more unemployable graduates than employable ones. The activities of the Readers' forum address this issue.

The Practice

The programme envisages constituting a students group which organizes weekly programmes such as book talks, group discussions, debates on academic and social issues, essay writing, elocutions, quiz competitions, interviewing celebrities etc. including visits to famous libraries, archives, museums etc. The group is monitored by the librarian and other faculty members. They support Library programmes such as seminars, workshops etc. The readers, forum also organizes sponsored prizes for various programmes.

Evidence of Success

The activities under the programme are premature to be evaluated.

Problems encountered and resources required

The programme expects no hurdles and arranging external resources need additional funding.

BEST PRACTICE – 3

Library Orientation and Information Literacy Programme

Title of the Practice : **Library Orientation and Information Literacy Programme**

Goal

To impart training on library skills and information literacy competency development to students and staff. The programme is one among the mission programmes of the Library.

The context/background

It is said that the Library is the meeting place where the past meet the present to create the future. The statement emphasizes on the significance of library as an important social, cultural and educational institution recognized and promoted by UNESCO. Without understanding the technical organization of knowledge resources in libraries, the users find it difficult to utilize the resources in libraries to fullest level. As the formal education system does not impart training on library use to students, the programme aims to fill the gap.

The world is fast transforming itself into information and knowledge societies driven by ICT. Both digital natives and digital immigrants are not skilled in searching, evaluating, communicating and applying the right information at the right time from myriads of information resources which are growing at an exponential level. The information literacy programme was conceived in this context and is practiced worldwide and promoted by UNSECO. NAAC has already identified information literacy programme offered from libraries as one of the best practices in educational institutions.

The Practice

The programme envisages classroom lectures, workshops and training to the academic community by the College Librarian.

Evidence of Success

The programme was found successful worldwide and the outcome is positive in the college also.

Problems encountered and resources required

As it is a new programme, time slots are required in the academic time table and no extra funding or resources are required.

Best Practice – 4 THE HUMAN LIBRARY



1. Title of the practice: Human Library

2. Goal

Students and faculty members of the college get an opportunity to interact with experts in different walks of life tap the transit knowledge; and recording the events.

3. The context/Back ground

The Human Library concept was developed in Denmark in 2000 for reducing prejudices through conversation and promoting social cohesion. Later the concept was spread internationally into 30 countries including India. In human library real people are borrowed by readers instead of books. The reader can read the book for twenty to thirty minutes. In Library the human book is catalogued and classified just like other information resources.

4. The Practice

In Government Arts College Library, Thiruvananthapuram, the concept was implemented on trial basis in March and is formally implemented from June 2016 in a different way. The interested students and faculty members of the college are invited to talk with experts in various domains and the conversations are recorded. The readers get the opportunity to acquire the tacit knowledge from the experts or scholars as different from the explicit knowledge derived from the documents. The experts get a space to share their experience which is vital in the development of knowledge society. This is much different from the seminar talks or lecture class which more often tends to be one sided with few deliberations. The human book faces challenging situations which goes a long way to bring out responses that help to generate new ideas. This will be also helpful for language students in their projects.

5. Evidence of success

The concept was successfully implemented by many libraries across the world and the trial run was positive in the college also.

6. Problems encountered and the resources required

The programme expects no problems and the necessary funding for the programme shall be arranged from the College PTA.

Best Practice – 5

COMPULSORY LIBRARY ATTENDANCE PROGRAMME (CLAP)

1. Title of the practice: Compulsory Library Attendance Programme

2. Goal

To make all students and faculty members regular and habitual users of libraries.

3. Context/Background

At present library use of students and staff is very low in comparison with their population. This lead to under- utilisation of the information resources available and accessible by Libraries, leading to wastage of huge public investment in Libraries and also causes lowering of educational standards. The practice, titled CLAP addressing this issue.

4. The practice

This practice involves maintenance of separate class wise daily attendance register for students and staff in the Central Library. All students and staff are expected to visit the Central Library daily at any time during the working hours between 9.00AM to 4.00PM and read at least 10 minutes. The daily attendance of students shall be reported to the HOD's through Principal and HOD's are expected to make arrangements for sending the absentees regularly to the Library. Regular practice of visiting libraries makes it a positive habit. That should lead to demand for enhancing the library working hours which will be positively catered at that time. Students who have maximum library attendance will be given attractive prizes.

5. Evidence of Success

CLAP seems an innovative programme nowhere practiced till to date. A search in Google under the search words, “compulsory library attendance colleges” yielded no positive results. As there is no prior model there is no evidence of success.

6. Problems encountered

It is a new practice from 1.7.2016 onwards and expects no hurdles.

Profile of Department of Commerce

1.Name of the Department : **P.G. & Research Department of Commerce**

2.Year of Establishment : **1971**

3. Is the Department part of a School/Faculty of the university? **No**

4.Names of Programmes / Courses offered: **B.COM, M.COM, Ph.D**

5.Names of Interdisciplinary courses and the departments/units involved:

- i. **Bioinformatics – Department of Biotechnology**
- ii. **HRM - Department of Economics**
- iii. **Astrophysics - Department of Physics**
- iv. **Health and Fitness - Department of Physical Education**

6.Annual/ semester/choice based credit system (programme wise)

- i. **B.COM - Choice Based Credit System**
- ii. **M.COM - Semester System**

7.Participation of the Department in the courses offered by other departments

Principles of Accounting – Participation of Physics, Biotech & Economics Departments

8.Courses in collaboration with other universities, industries, foreign institutions, etc:

The short term course “**Tourism Marketing and E-Ticketing**”, was sanctioned and funded by The Kerala State Higher Education Council under the Thiruvananthapuram Cluster of Colleges to the Department of Commerce, Government Arts College, during the academic year 2015-16. The course was completed successfully on 23/01/2016. A total of 30 (thirty) students from different subject streams of first degree programmes under the Thiruvananthapuram cluster successfully completed the course.

9.Details of courses/programmes discontinued (if any) with reasons **NIL**

10. Number of Teaching posts

	Sanctioned	Filled
Professors	-	-
Associate Professors	3	3
Asst. Professors	6	6

11.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. K.K. Damodaran	M.COM,NET, Ph.D	Associate Professor	Finance, Rural Banking	22	-
Dr. V.S. Joy	M.COM,UGC-JRF, DCA, Ph.D	Associate Professor	Finance , IT, Tourism	20	-
Dr. T. Subash	M.COM, M. Phil, UGC-JRF, Ph.D	Associate Professor	Finance, Tourism	20	-
Dr. S.K. Biju	M.COM, B.Ed., M. Phil, MA(SOCIOLOGY), MBA, PGDHRM, NET, Ph.D, LEAD AUDITOR, DCFA	Assistant Professor	Finance, Quality Management, Good Governance	9	-
Dr. Gracious James	M.COM,B. Ed., NET, PGDBM, MBA, Ph.D, Post Doc	Assistant Professor	Finance, Tourism	9	10
Sri. V. Sunilkumar	M.COM, B.Ed., M. Phil, NET	Assistant Professor	Finance	9	-
Sri. K.K. Sunilkumar (On FDP)	M.COM, NET	Assistant Professor	Finance	7	-
Sri. V.M. Purushothaman	M.COM, MBA, NET	Assistant Professor	Finance, Marketing	6	-
Smt. Rejani R Nair	M.COM, NET, B.Ed, SET	Assistant Professor	Finance	4	-
Sri. Shijumon (FDP Substitute)	M.COM, NET	Assistant Professor	Finance	3	-

12. List of senior visiting faculty:

- i. **Dr. M. Sarngadharan**, Dean, Faculty of Commerce, University of Kerala
- ii. **Dr. Gabriel Simon Thattil**, Associate Professor, Department of Commerce, University of Kerala
- iii. **Dr. R. Vasanthagopal**, Associate Professor, Institute of Management, University of Kerala
- iv. **Dr. J B Rajan**, Director, School of Participative Planning, KILA, Trissure.
- v. **Sri. Hari Babu T P**, Corporate Consultant, Karwar
- vi. **Dr. Baiju Ramachandran**, Director, ICCI and Consultant, Trivandrum

13. Percentage of lectures delivered and practical classes handled(programme wise) by temporary faculty - **NIL**

14. Student -Teacher Ratio (programme wise)

Programme	No. of Students	No. of Teachers	S-T Ratio
B.COM	186	9	21:1
M.COM	26	9	3:1

15. Number of academic support staff (technical) and administrative staff; sanctioned and filled **NIL**

16. Qualifications of teaching faculty with DSC/ D.Litt/ Ph.D/ MPhil/PG.

Highest Qualification	No of Faculties
Post Doc.	1
Ph.D	4
M. Phil	1
PG	4

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

18. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received

a. Major and Minor Projects

Sl. No.	Nature of Project	Funding Agencies	Funds Sanctioned	Funds received
1	MINOR	UGC	50,000	35,000
2	MINOR	UGC	55,000	35,000
3	MAJOR	UGC	776,000	

b. UGC- Post Doctoral Research Award 2012-14

Dr. GRACIOUS J., Assistant Professor & Research Guide, Department of Commerce has secured the **UGC- Post Doctoral Research Award 2012-14**. He had conducted the research at Kerala University Library and Research Centre, Thiruvananthapuram from 01.03.2012 to 28.02.2014. The topic of the research was “*The economics of biodiversity conservation: A study on the impacts of tourism sector in Kerala*”. The University Grants Commission has sanctioned and released a total grant of Rs.12,96,756/- (Rupees twelve lakh ninety-six thousand seven hundred and fifty-six only) towards this research.

19. Research Centre /facility recognized by the University : YES**a. Researcher's Forum**

The Department of Commerce is having a Researcher's Forum consisting of faculty members of the department and research scholars. Frequent invited lectures and talks are conducted for the benefit of scholars and faculty members. Quarterly meeting of the research scholars is being conducted to review the progress of the research.

b. Model Examination for P.S.C. Test

The Researcher's Forum of the Department of Commerce, Government Arts College had conducted a Model Examination for Kerala Public Service Commission, Assistant Professor (Commerce) post on 24.07.2014. There were 75 participants for the model examination from all over Kerala. The answers were valued and a rank list was prepared which was communicated to the participants.

20. Publications:**a. Book:-**

- i. Rural E-Commerce in India: Emerging trends and Challenges
- ii. Service Sector and Indian Economy : Compendium of abstracts

b. Seminar Proceedings

- i. Blossoms I : Financial Market and Financial Services
- ii. Blossoms II : Investment Analysis and Portfolio Management

c. Publications of Faculties (Separate list attached).

21. Areas of consultancy and income generated : **NIL**

22. Faculty as members in

- i. Dr.V.S. Joy, Member, Board of studies in Commerce (Pass), University of Kerala.
- ii. Dr.V.S. Joy, Member, Board of Studies in Business Management (Pass), University of Kerala.
- iii. Dr.V.S. Joy, Member, Board of Studies in Commerce and Tourism(Pass and PG), Mar Ivanios Autonomous College (nominated by VC University of Kerala)
- iv. Dr. Gracious J, Member, Board of Studies, Eco Tourism, University of Calicut.
- v. Dr. V.S Joy, Dr. Biju. S. K., Dr. Gracious James and Sri. V.M. Purushothaman are life members of Indian Accounting Association.

23. Student projects

- a) Percentage of students who have done in-house projects including inter departmental/programme **15 percent**
- b)Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/other agencies

Name of the Programme	% of students
B.Com	85
M.Com	100

24. Awards/ Recognitions received by faculty and students :

1. UGC Research Award – Dr. Gracious J (Faculty)
2. National Games Bronze Medal – Sri. Akshay (Student)

25. List of eminent academicians and scientists/ visitors to the department: **NIL**

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

- a). National **4 UGC & State Plan Fund**
- b). International **NIL**

27. Student profile programme/course wise:

Name of the Course/programme	Applications received	Selected	Enrolled *M *F	Pass percentage
B.Com	6,822	63	M. 25 F.24	80
M.Com	812	13	M.3 F. 10	58

*M=Male F=Female

28. Diversity of Students

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
B.COM	100	-	-
M.COM	100	-	-
Ph.D	80	-	20

29. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc?

5 Students Cleared NET. Out of Which 2 Students Got JRF of UGC

30. Student progression

Student progression	Against enrolled	%
UG to PG	45	
PG to M.Phil.	25	
PG to Ph.D.	40	
Ph.D. to Post-Doctoral		
Employed		
<ul style="list-style-type: none"> • Campus selection • Other than campus recruitment 	25	
Entrepreneurship/Self-employment	10	

31. Details of Infrastructural facilities

#	Facilities	Number
1	Library	4,500 Books 12 Journals
2	Internet facilities for Staff & Students	Two for staff One in Library Two for students
3	Class rooms with ICT Facility	One Smart Class Room Two Other Class Room with Projector Facilities
4	Laboratories	Computer Lab With <ul style="list-style-type: none"> • Six Computers, • One Multi Function Printer And • Internet Connections

32. Number of students receiving financial assistance from college, university, government or other agencies: **150 students**
33. Details on student enrichment programmes (special lectures/ workshops/ seminar) with external experts: **5 special lectures**
34. Teaching methods adopted to improve student learning:
 Computer aided participative lecturing, case studies, buzz group discussion, Multi stage group discussion to solve accounting problems, think pair share sessions, explanatory quiz sessions (with the help of soft ware Game show, game show plus), Field trip, Project work, Internship, Brain storming Seminars and Assignments.
35. Participation in Institutional Social Responsibility (ISR) and Extension activities
- i. Conducted Citizen survey with the support of IMG for restructuring the Police Force.
 - ii. Finance Management and Investment avenues: a class to the citizens of Punthura, with the support of Anganwadi workers.

36. **SWOC analysis** of the department and Future plans

A. List of **Strengths** of the Department. Strengths are internal characteristics that are unique, special, highly valued, and positive relative to the Department.

- i. Good entry level competency of students
- ii. Infrastructure Facilities
- iii. Located in the heart of the city
- iv. Career Oriented subject combination
- v. Capability of faculty members
- vi. Computer Lab
- vii. Cinic beauty of environment
- viii. Equipped Library
- ix. ICT enabled class rooms
- x. Research Centre

B. List **Weaknesses** of the Department. Weaknesses are internal challenges that the department faces or limitations to achieve our mission and goals.

- i. Poor Upkeep and maintenance of infrastructure

- ii. Lack of interactive sessions
- iii. Limited space for students
- iv. Basic amenities
- v. Limited industry interaction
- vi. Limited practical exposure
- vii. Declining employability skills of students

C. List of **Opportunities**. Opportunities occur when the external environment is closely aligned with an organizational strength. Aspects of the external environment that will create or accelerate a need or a capability that is or can be a strength of the organization.

- i. Proximity to techno part, industry cluster, Port and Tourist centers
- ii. New generation programmes
- iii. Technology adoption
- iv. Collaborative programmes

D. List **Challenges**. Challenges occur when the external environment actually or potentially reduces or eliminates a capability or need for a capability of the College or organization.

- i. Frequency of transfer of faculty
- ii. Limited Space for expansion
- iii. Competition
- iv. Lack of proper Monitoring of department activities, leadership and Governance from higher level
- v. Lack of directions
- vi. Delay in Revision of syllabi
- vii. Delay in declaration of results

Future Plans

- Start MPhil Course
- Start an additional BCom Batch in Tourism Specialisation
- Adopt innovative teaching practices to improve teaching learning process (For the purpose, all the faculties are to be trained in a phased manner with the support of DoPT, Government of India).

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Profile of Department of Economics

1. Name of the Department : Economics
2. Year of establishment : 1924
3. Is the Department part of a School/Faculty of the university? No
4. Names of Programmes / Courses offered : B.A, M. A
5. Inter disciplinary courses and departments involved:
 - i. Bioinformatics – Department of Biotechnology
 - ii. Foundations of Financial Accounting - Department of Commerce
 - iii. Astrophysics - Department of Physics
 - iv. Health and Fitness Education - Department of Physical Education
6. Details of programmes/courses discontinued, if any, with reasons: NIL
7. Annual/Semester/Choice Based Credit System :
 - i. B.A - Choice Based Credit System
 - ii. M.A - Semester System
8. Participation of the department in the courses offered by other Departments:
 - (a) Participation in the open courses offered by the Departments of Commerce, Biotechnology, Physics and Physical Education.
 - (b) Participation in the complementary courses and second languages offered by other departments.
9. Number of teaching posts sanctioned and filled

Post	Sanctioned	Filled
Professor	0	0
Associate Professor	2	2
Assistant Professor	6	6

10. Faculty profile with name, qualification, designation and specialization

Name	Qualifications	Designation	Specialization	No of Years of Experience
Dr. G. L.Arunjilal	M.A, M.Ed, M.Phil&Ph.D	HoD& Associate Professor	Labour Economics & Economics of Education	21
Smt. Anitha K.	M.A, M.Phil,NET, B.Ed	Assistant Professor	Health Economics	15
Smt.Bindu S.	M.A, M.Phil, B.Ed, NET	Associate Professor	Labour Economics	19
Smt.Veena Renjini K.K.	M.A, M.Phil, NET	Assistant Professor	International Trade	11
Smt.Saly M. S.	M.A, NET	Assistant Professor	Development Economics	10
Dr.Abin T. Mathews	M.A, NET, Ph.D	Assistant Professor	Labour Economics & International Economics	5
Smt.Prathibha H.	M.A, NET	Assistant Professor	International Economics	5
Shri.Gopa Kumar K.	M.A, B.Ed, NET	Assistant Professor	Environmental Economics	3
Miss.Jayasurya J.	M.A, NET	FDP Substitute	Micro Economics	4

11. List of Senior Visiting Fellows, Faculty, Adjunct Faculty, Emeritus Professors:

- i) Dr. Cyriac Mathews - Former HoD of Economics, Govt. College for Women, Thiruvananthapuram.
- ii) Dr. P. Sureshkumar -Former HoD of Economics, Govt. College, Attingal, Thiruvananthapuram
- iii) Dr. V.Madhusoodhanan- Former Principal, Govt. Arts College, Thiruvananthapuram.
- iv) Dr. Manju S. Nair- HoD, Department of Economics, University of Kerala, Kariavattom.
- v) Dr. S Thajudeen - Co-ordinator, School of Distance Education, University of Kerala, Kariavattom
- vi) Dr. C.Rajasekharan Pillai: Former HoD of Economics, Govt. College, Attingal, Thiruvananthapuram
- vii) Dr. K.P.Mani – Professor, Dept. of Economics, John Mathai Centre, Thrissur.
- viii) Dr. John Joseph – Arul Ananthar College, Madurai.

12. Percentage of classes taken by temporary /ad hoc faculty–programme-wise information

Programme	Percentage of classes taken
B.A. Economics	5 %
M.A. Economics	2%

13. Programme-wise Student Teacher Ratio

Programme	No of Students	No of Teachers	S-T ratio
B.A	180	8	22.5
M.A	30	8	3.75

14. Number of academic support staff (technical) and administrative staff sanctioned and filled

Nil

15. Qualifications of teaching faculty

Highest Qualification	No of Faculty
Ph.D	2
M.Phil	3
P.G.	4

16. Number of faculty with ongoing projects from a) national b) international funding agencies and c) total grants received. Give the names of the funding agencies and grants received project-wise : One

Sl. No.	Nature of Project	Funding Agencies	Funds Sanctioned	Funds received
1	Minor Project	UGC	1,05,000/-	65,000/-

17. Areas of consultancy and income generated:

Consultation on Budget preparation and analysis of various bodies/Institutions

18. Faculty as members in:-

Sl No.	Name	Board/Bodies	Position
1	Dr. G. L.Arunjilal	Board of studies in Economics (Pass)	Chairman
		Board of studies in Economics (P G)	Member
		Kerala Economic Association	Life Member
		Station Development Consultative Committee, Southern Railways (Kollam Station)	Member
2	Smt. Saly M.S.	Kerala Economic Association	Life Member

3	Dr.AbinT.Mathews	Kerala Economic Association	Life Member
		Malpractices Prevention Squad, University of Kerala.	Member
4	Gopa Kumar. K	Kerala Economic Association	Life Member

19.Student projects:-

a) Percentage of students who have done in-house projects including inter-departmental/programme:

Sl.No.	Name of programme	Percentage of students
1.	B.A.	65
2.	M.A.	90

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

10 per cent

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

Sl. No.	Name of academicians/Emeritus Professors	Positions held in organisation/institution
1.	Dr.PrabhathPatnaik	Vice Chairman, Kerala State Planning Board
2.	Dr.ThomasIssac	FormerFellow, Centre for Development Studies, Thiruvananthapuram and Former Finance Minister, Govt. of Kerala.
3.	Dr. K. M. Chandrasekhar	Vice- Chairman, Kerala State Planning Board and Former Cabinet Secretary.
4.	Sri. C. P. John	Member, , Kerala State Planning Board.
5.	Dr. D.Narayana	Director, Gulati Institute of Finance and Taxation, Thiruvananthapuram.
6.	Dr. Jose Sebastian	Faculty, Gulati Institute of Finance and Taxation, Thiruvananthapuram.
7	Dr.Ramalingam	Faculty, Gulati Institute of Finance and Taxation, Thiruvananthapuram.
8	Dr. P.Arunachalam	Professor, Department of Applied Economics, CUSAT, Ernakulam.
9	Dr. M.A.Oommen	Noted Economist and Former Head of The Department of Economics, University of Kerala and Emeritus Professor.
10.	Dr. Mary George	Chairperson, Kerala PublicExpenditure Review Committee.
11.	Dr. K.N.Harilal,	Fellow, Centre for Development Studies, Thiruvananthapuram.
12	Dr. K.Pushpangadan	Former Fellow, Centre for Development Studies, Thiruvananthapuram.

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

Sl.No.	Level of Participation	Name of Funding Agency	No. of Seminars held
1	State	Plan Fund from Directorate of Collegiate Education, Kerala.	04
2	National	Plan Fund from Directorate of Collegiate Education, Kerala.	04

22. Diversity of Students

Name of the course	% of students from the same state	% of students from other states
B.A.	100	-
M.A.	100	-

23. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc. ?

Sl. No.	Level of Competition	No. of students cleared
1.	State	5
2.	National	2

24. Student progression

Student progression	Percentage enrolled
U.G. to P.G.	25
P.G. to M.Phil	15

25. Details of infrastructure facilities

Sl. No.	Type of infrastructure	No.
1.	Room for HoD	1
2.	Staff room	1
3.	Library	1
4.	Seminar hall/Smart class room	1
5.	Class rooms	5
6.	Books	1500
7.	Journals	3
8.	Newspapers	2
9.	Interactive projector-cum-board	2
10.	Scanner-cum-photocopier-cum-printer	1
11.	Scanner	1
12.	Printer	1

13.	Internet with wifi facility	1
14.	Audio system	1
15.	Laptops	3
16.	Desktops	3

26. Number of students receiving financial assistance from college, university, Government or other agencies:

170 students

27. Details of student enrichment programmes (Special lectures/ Workshops/ Seminar) with external experts:

i) Course on Research Methodology – March 2012

Resource Persons:-

- 1) Dr. John Joseph
- 2) Dr. K.P. Mani
- 3) Dr. Manju S. Nair
- 4) Dr. Nagarajan Naidu

ii) National Seminar on State Finance – February 2012

Resource Persons:-

- 1) Dr. T.M. Thomas Issac
- 2) Shri. Mohan, I.R.S.
- 3) Dr. Ramalingam

iii) National Seminar on subsidies in India : Issues and Implications – January 2013

Resource Persons:-

- 1) Dr. D. Narayana
- 2) Dr. K. Pushpangadan
- 3) Dr. Jose Sebastian
- 4) Dr. C. Cyriac Mathews
- 5) Dr. Christabell P.J.
- 6) Dr. Shanavas P.H.

iv) National Seminar on Dismantling Planning Commission in India : Is NITI AAYOG an Alternative ?- March 2015

Resource Persons :-

- 1) Shri. C.P. John
- 2) Dr. Visaka Verma
- 3) Dr. Cyriac Mathews
- 4) Dr. P. Sureshkumar

- v) National Seminar on Labour Market in Transition : Issues and Implications-
March 2016

Resource Persons :-

- 1) Adv. V.K. Prasad
- 2) Dr. C.P. Chandrasekhar
- 3) Dr. P.Sureshkumar
- 4) Dr. Uma Jyothi
- 5) Dr. BismiGopalakrishnan
- 6) Dr. Jomon Mathew
- 7) Dr. C.A.Priyesh

- vi) Annual Budget discussions: Resource persons:-Shri. C.P.John and Dr.Mary George

- vii) Debates and discussions on current issues of socio economic importance

28. Teaching methods adopted to improve student learning:-

- i) Use of Support Systems in Teaching.
- ii) Use of ICT aids
- iii) Programmes for Personality development: Seminars, symposia, , paper presentationand group discussions.

29. Participation in Institutional Social Responsibility (ISR) and Extension activities:-

- i) Conducted Socio-Economic surveys in the nearby slum settlements of Pound and Rajaji Nagar colonies
- ii) Participated in discussions having socio-economic relevance

30. List the distinguished alumni of the Department(maximum 10)

1. Dr.A.Sam path(Member of Parliament)
2. Shri. Jiji Thomson,I.A.S.(Former, Chief Secretary, Govt. of Kerala)
3. Smt. Sindhu Pillai (I.P.S.)
4. Dr.Manju S.Nair (HoD, Department of Economics, University of Kerala, Kariavattom, Thiruvananthapuram
5. Shri. Murugan Kattakada (Well-known Malayalam Poet)

31. Diversity of staff

Sl.No.	Faculty who are graduates	Percentage of staff
1	of the same university	88
2	from other universities within the State	12
3	from universities of other States	0
4	from universities outside the country	0

32. SWOC analysis of the department.

A. List of Strengths	B. List of Weaknesses
1) Excellent faculty members with teaching and research experience. 2) A well stocked library. 3) ICT enabled smart classroom/seminar hall. 4) Good academic environment; Frequent organization of seminars, workshops, lectures, etc. 5) Well-functioning students' economic forum that organises discussions on contemporary issues.	1) High student teacher ratio at U.G. level. 2) Lack of autonomy in admission/academic matters. 3) Students from poor academic background. 4) Infrastructural constraints. 5) Inadequate financial resources. 6) Prevalence of sporadic violence within the campus affecting the academic environment.
C. List of Opportunities:	D. List of Challenges
1) Students from poor socio-economic background with good future prospects. 2) Introduction of career related courses. 3) Interaction with heterogeneous group of students. 4) Tie-ups with other academic bodies. 5) Community/ extension services.	1) Prevalence of campus politics. 2) Lack of effective evaluation system. 3) Time deficiency in completing syllabus and making revisions. 4) Lack of vocation-based courses. 5) Dearth of international perspective in syllabus and evaluation system.

33) Future plans of the Department.

- i) Introduction of an additional P.G. programme in Business Economics.
- ii) Upgradation of the department as Research Center.
- iii) Introduction of community based projects.
- iv) Publication of peer referred research journal.

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Profile of Department of Chemistry

1. Name of the Department : CHEMISTRY
2. Year of establishment : 1934 (PG course started in 1999)
3. Is the Department part of a school/ faculty of the University? : The Department is affiliated to the University of Kerala
4. Names of Programmes/ Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D.,etc.) : PG in Analytical Chemistry
5. Interdisciplinary courses and departments involved : Nil (The department handles PG programme only)
6. Courses in collaboration with other universities, industries, foreign institutions, etc : The department is running a short term course on “Soil and water analysis” funded by the Kerala State Higher Education Council, Thiruvananthapuram during the academic year 2016-17. 30 students from various colleges are participating in this programme.
7. Details of Programmes or Courses discontinued, if any, with reasons : Nil
8. Annual/Semester/Choice Based Credit System : Semester system for the PG Analytical Chemistry Course
9. Participation of the department in the courses offered by other departments : Department does not handle courses run by other departments
10. Number of teaching posts sanctioned and filled (Professors/Associate Professors/Asst. Professors) :

	Sanctioned	Filled
Professor	5	
Asso. Prof.		1
Asst. Prof.		4

11. Faculty profile with name, qualification, designation and specialisation:

Sl. No.	Name and Designation	Qualification	Specialisation	No. of Years of Experience	No. of Ph.D students guided (Last 8 Yrs)
1.	Prof. S. SHANAVAS Associate Professor	M.Sc., B.Ed.	Surface Chemistry	25	—
2.	Dr. D. SANTHOSH KUMAR Assistant Professor	M.Sc., M.Phil, Ph.D., NET	Physical Organic Chemistry	14	—
3.	Dr. ALAN SHEEJA D B	M.Sc., B	Natural	8	—

	Assistant Professor	Ed., Ph.D., NET	Products Chemistry		
4.	Dr. VISHNU V S Assistant Professor	M.Sc., B Ed., Ph.D. , NET	Inorganic Chemistry	5	–
5.	Prof. SABITHA MOHAN M R Assistant Professor	M.Sc., B Ed., NET	Inorganic Chemistry	3	–

12. List of senior Visiting Fellows, faculty, adjunct faculty, emeritus professors : Nil
13. Percentage of classes taken by temporary (including ad-hoc) faculty–programme- wise information : Temporary not involved
14. Programme-wise Student Teacher Ratio : 24 : 5 (~5:1)
15. Number of academic support staff (technical) and administrative staff: sanctioned and filled : Sanctioned : 1
Filled : 1
16. Research thrust areas recognized by funding : Physical Organic Chemistry
Natural Product Chemistry
17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies & grants received project-wise. : National : One (UGC)
Grants received : Rs. 1,55,000 /-
18. Inter-institutional collaborative projects and grants received : Nil
19. Departmental projects funded by DST-FIST;UGC-SAP/CAS,DPE; DBT, ICSSR, etc.; total grants received : DST-FIST sponsored
Department
Total grants received : 36.58 lakhs
20. Research facility/centre with State recognition, National recognition International recognition : The department is in charge of an instrumentation centre operated under the cluster college scheme of the Govt. of Kerala
21. Special research laboratories sponsored by / created by industry or corporate bodies : Nil
22. Publications of faculty: Publications and number of papers published in peer reviewed journals (National/International) by faculty and students

Sl. No.	Name of Faculty	No. of publications
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1.	Prof. S. Shanavas	:	1
2.	Dr. D. Santhosh Kumar	:	5
3.	Dr. Alan Sheeja D B	:	5
4.	Dr. Vishnu V S	:	9
5.	Prof. Sabitha Mohan M R	:	-

Details of Publication

Journal Details		Impact factor	Total No. of citations	h index
Prof. S. Shanavas				
1	Oriental Journal of Chemistry 2011, 27(1), 245-252			
Dr. D. Santhosh Kumar				
1	Indian Journal of Chemistry, 44B, 2005, 1731-1734			
2	Asian Journal of Chemistry, 2005, 17(2), 1216-1220			
3	Indian Journal of Chemistry, 2006, 45B, 2751-2753			
4	International Journal of Chemical Kinetics 2008, 40(8), 481-487			
5	Journal of Physical Organic Chemistry, 2010, 23(8), 783-788.			
Dr. Alan Sheeja D B				
1	Clinical Cancer Research 2006, 12 (19), 5910-5918.	8.1		
2	Biochemical Systematics and Ecology 2010, 38 (2), 229-231.	1.12		
3	Biochemical Systematics and Ecology 2012, 44, 264-266.	1.12		
4	Indian Journal of Chemistry Section B - Organic Chemistry including Medicinal Chemistry, 2014, 53 (3), 319-324.	0.48		
5	Natural Product Research: Formerly Natural Product Letters, 2015, Doi: 10.1080/14786419.2014.994210	1.7		
Dr. Vishnu V S				7
1	Journal of Solid State Chem., 2008, 181, 481-492	2.133	19	
2	Dyes and Pigments, 2009, 82, 53-57	3.966	38	
3	Dyes and Pigments, 2010, 85, 117-123	3.966	30	
4	Chemistry Letters, 2010, 39, 820-821	1.3	7	
5	Dyes and Pigments, 2011, 88, 109-115	3.966	52	
6	Journal of the American Ceramic Society, 2011, 94, 997-1001	2.27	10	
7	Solar Energy Materials and Solar Cells, 2011, 95, 2685-2692	5.337	54	
8	International Journal of Research and Reviews in Pharmacy and Applied sciences, 2015, 5(1), 1173-1188	0.12		
9	Drug Delivery Letters, 2016, 5(2), 140-150	0.5		

23. Details of patents and income generated : Nil

24. Areas of consultancy and income generated : Consultant of Dr. Prakasam

25. Faculty selected nationally/internationally to visit other laboratories in India and abroad : Homoeopathic pharmaceutical (P) Ltd., Chellannur, Calicut.
Dr. Vishnu V S, Assistant Professor visited the Nottingham Trent University (NTU) as part of the FLAIR International Internship, Govt. of Kerala
26. Faculty serving in a) National committees b) International committees c) Editorial Boards d) any other (please specify) :
 ▪ Dr. D Santhosh Kumar, Assistant Professor was the member of the Board of Studies (Pass) for the UG programme in Chemistry of University of Kerala (2012-15)
 ▪ Dr. Vishnu V S, Assistant Professor was the Subject Expert in the development of Text Book for Std. IX and X (Revised Curriculum 2014-16)
- 27 Faculty recharging strategies : Faculties participate in various Inservice Courses conducted by the UGC Academic Staff College and the Short Term Training Programmes conducted by the Directorate of Collegiate Education.

28. Student projects

PG	% of Students done in-house projects including interdepartmental/ programme	% of Students placed for projects in organizations outside the institution
2015-16	0	100
2014-15	44	56
2013-14	100	0
2012-13	100	0
2011-12	66	34

29. Awards/ recognitions received at the national and international level by Faculty, Doctoral / Postdoctoral fellows, Students :
 ▪ Dr. Alan Sheeja D B, Assistant Professor of Chemistry was the recipient of the Prof . Dr. A. Hisham Endowment Award-2015 instituted by the Kerala Academy of Sciences presented during the International Symposium of Phytochemistry (ISP-2015)
 ▪ Dr. Vishnu V S, Assistant Professor of Chemistry received the FLAIR International Internship to the UK (2015-16), from the Dept. of Higher Education, Govt. of Kerala.

30. Seminars/Conferences/Workshops organized and the source of funding (national/ international) with details of outstanding participants, if any

No.	<i>Seminars/Conferences/Workshops</i>	<i>Funding Agency</i>
1	Two Day National Seminar on Transcending Areas in Chemistry	Directorate of Collegiate Education
2	Seminar on Spectroscopic Techniques for Organic and Inorganic Molecules	Directorate of Collegiate Education
3	Two day Seminar on Recent Trends in Chemistry	Directorate of Collegiate Education
4	Two day National Seminar on Modern Techniques in Analytical Chemistry	Directorate of Collegiate Education

31. Code of ethics for research followed by the departments

Research in the department upholds the following

- Due respect to all who are part of research and fairness in the process of research
- Abstaining oneself from misrepresenting the research work and presenting others work as own and engaging in plagiarism.
- Giving responsibilities and due acknowledgement in the case of collaborative research
- Proper accounting of money being handled, being a Government funded institution.
- Honesty, Integrity, Openness and respect to intellectual property.

32. Student profile programme/course wise:

Name of the Course/ programme	Year	Applications received	Selected	Pass %
M Sc Analytical Chemistry	2010-11	195	12	94
	2011-12	200	11	100
	2012-13	210	12	90
	2013-14	198	10	90
	2014-15	195	12	60

33. Diversity of students:

		2010-11	2011-12	2012-13	2013-14	2014-15
% of students from the same state	UG	—	—	—	—	—
	PG	12	11	12	10	12
% of students from the other states	UG	—	—	—	—	—
	PG	—	—	—	—	—
% of students from abroad	UG	—	—	—	—	—
	PG	—	—	—	—	—

34. How many students have cleared Civil Services and Defence Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise:

Year	NET/S LET	SET	GATE	Civil Service	Defence Service	Other
2010-11	—	—	—	—	—	—
2011-12	—	—	1	—	—	—
2012-13	—	—	—	—	—	—

2013-14	—	—	—	—	—	—
2014-15	—	—	—	—	—	—

35. Student progression:

	2010	2011	2012	2013	2014	2015
UG to PG (%)	—	—	—	—	—	—
PG to M Phil (%)	—	—	—	—	—	—
PG to Ph.D. (%)	—	—	—	—	—	—
Ph.D. to Postdoc (%)	—	—	—	—	—	—
Employed						
▪ Campus selection	—	—	—	—	—	—
▪ Other than campus recruitment	75	80	80	50	59	0
Entrepreneurship/self employment						

36. Diversity of staff.

Percentage of faculty who are graduates
of the same university : 80
from other universities within the State : —
from universities from other States : 20
from universities outside the country : —

37. Number of faculty who were awarded Ph.D., : 1
D.Sc. and D.Litt. during the assessment
period38. Present details of infrastructural facilities
with regard to

	2010	2011	2012	2013	2014	2015	2016
No. of Library Books	502	644	925	965	965	1066	1066
Internet facilities (Staff & students)	0	0	1	3	3	3	5
Total number of classrooms	2	2	2	2	2	2	2
Class rooms with ICT facility	0	0	0	1	1	2	2
Students' laboratories	2	2	2	2	2	2	2
Research laboratories	—	—	—	—	—	—	—

39. List of doctoral, post-doctoral students and : Nil
research associates40. Number of students receiving financial : 16 (*in the year 2015-16*)
assistance from college, university,
government or other agencies.41. Was any need assessment exercise : New courses have not been
undertaken before the development of new started
programme(s)? If so, highlight the
methodology

42. Does the department obtain feedback from
- | | |
|---|---|
| (a) Faculty on curriculum as well as teaching-learning- evaluation? If yes, how does the department utilize the feedback? | : Feedback of the faculties on the curriculum aspects are collected and is taken into consideration during revision of the curriculum |
| (b) Students on staff, curriculum and teaching-learning evaluation and how does the department utilize the feedback? | : Students feedback are collected and given to the faculty |
43. List of distinguished alumni of the department (maximum 10).
- Dr. Pratheesh: Currently working as Scientist at the National Institute for Interdisciplinary Science and Technology.
 - Dr. Suchithra M V: Post Doctoral Fellow in USA
 - Dr. Ratheesh Kumar V K: Currently working as Assistant Professor, VTMNSS College, Dhanuvachapuram, Thiruvananthapuram
 - Dr. Vishnu V S: Currently working as Asst. Professor, Govt. Arts College, Tvpm.
44. Give details of student enrichment programmes (special lectures/ workshops/ seminar) involving external experts:
- Two day National Seminar on Transcending Areas in Chemistry
 - Seminar on Spectroscopic Techniques for Organic and Inorganic Molecules
 - Two day Seminar on Recent Trends in Chemistry
 - Two day National Seminar on Modern Techniques in Analytical Chemistry
- External Experts
- Dr. P.K. Krishnan Namboori, Associate Professor, Amrita Vishwa Vidyapeetham, Ettimadai, Coimbatore
 - Dr. Jayasree E G, Assistant Professor, University of Kerala, Thiruvananthapuram
 - Dr. Mahesh Hariharan, Associate Professor, School of Chemistry, IISER, Thiruvananthapuram
 - Dr. Reji Varghese, Assistant Professor, School of Chemistry, IISER, Thiruvananthapuram
 - Prof. A. Salahuddin Kunju, Principal (Rtd.) and former Professor of Chemistry, University College, Thiruvananthapuram
 - Dr. Hareesh U. S, Senior Scientist, Materials Science Technology Division, NIIST, Thiruvananthapuram
 - Dr. C. H. Suresh, Scientist, Chemical Science and Technology Division, NIIST, Thiruvananthapuram.
 - Prof.(Dr.) K. Girish Kumar, Associate Professor, Dept. of Applied Chemistry, CUSAT.
 - Dr. Mangala Sundar, Professor of Chemistry, IIT Madras
 - Dr. Harikrishna Varma, Scientist, SCIMST, Poojapura, Tvpm.
 - Dr. Abraham George, Associate Professor of Chemistry, Mar Ivanios College, Thiruvananthapuram.
 - Dr. Benny George, Scientist, Spectroscopy Division, VSSC Thiruvananthapuram.

45. List the teaching methods adopted by the faculty for different programmes :
 - Lecture method supported with ICT is the commonly adopted method in the PG classes.
 - Students are also encouraged to take seminars based on topic related to the syllabus.
46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored? : Regular student assessments are conducted by means of Series Test, Assignment submission, Seminars etc. The performance of the students are monitored and well documented.
47. Highlight the participation of students and faculty in extension activities : Faculty and students support students from other institutions while using the instrumental facility of the department.
48. Give details of “beyond syllabus scholarly activities” of the department
 - The department maintains a Notice board which displays new and important information related to the subject. Students as well as faculty involve in this endeavour.
 - The above activity also aims in disseminating the knowledge of Chemistry to the other students in the campus.
 - The department also supports clubs in the college like Science Club to organise programs with a chemistry interface.
49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details. : No
50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied : Faculty are engaged in research in frontier areas like CADD.
51. Future plans of the department:
 - Making the Chemistry department as a research centre of the University of Kerala.
 - Improve research facilities in the department.
 - Extend the resources of the department by engaging in extension activities.
 - Finding new consultancy opportunities for revenue generation.
52. Detail any five Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.
- Strengths:**
- 1 High Demand for the PG Analytical Chemistry Programme
 - 2 Highly Qualified and Dynamic Faculty (3 out of 5 are PhD Holders)

- 3 Availability of Smart class rooms
- 4 Instrumentation centre of the Cluster of Colleges is managed by the Faculty of this Department
- 5 Faculty members are involved in curriculum development committee of University of Kerala

Weakness:

- 1 Academic freedom is limited.
- 2 Latest journals not available in the library.
- 3 Industry orientation is limited.
- 4 Lack of Hostel facilities and college bus service.
- 5 Lack of adequate research facilities.

Opportunities:

- 1 Expert interaction with numerous Scientific institutions like ISRO, NIIST, CESS, IISER, SCTIMST etc.
- 2 Technopark is a major IT hub in the district which can be harvested.
- 3 GAC, is a member of the Cluster College consortium, Govt. of Kerala.
- 4 Instrumentation centre of the Cluster College functions in this college and is managed by the department.
- 5 Access to the University Library with ease

Challenges:

- 1 Students are less employable industries due to lack of industry internships
- 2 Inadequate research facilities
- 3 Frequent transfer of Faculty
- 4 Raising finance for setting up research facilities in the department
- 5 Making the department a recognized research centre of the University of Kerala.

Profile of the Department of English

1. Name of the Department : PG Department of English
2. Year of establishment : 1924(PG in 1999)
3. Names of Programmes / Courses offered (UG, PG, M.Phil., PhD, Integrated Masters, Integrated PhD, etc.) : MA in English Language and Literature
4. Interdisciplinary courses and departments involved :
The department handles PG Programme as well as Language Courses for UG Programmes under CBCSS of University of Kerala.
5. Courses in collaboration with other universities industries, foreign institutions, etc. : Nil
6. Details of programmes/courses discontinued, if any, with reasons : Nil
7. Annual/Semester/Choice Based Credit System : Semester system
8. Participation of the department in the courses offered by other departments :
The department handles Language Courses for UG Programmes under CBCSS by the University of Kerala.
9. Number of teaching posts sanctioned and filled
(Professors/Associate Professors/Asst. Professors) :

	Sanctioned	Filled
Assistant Professors	7	7

10. Faculty profile with name, qualification, designation and specialisation (D.Sc. / D.Litt. / PhD / M.Phil., etc.):

Name	Qualification	Designation	Specialisation	No. of Years of Experience	PhD Students in the Last 4 Years
Deape N.	MA, JRF, M.Phil	Assistant Professor	Translation, Literary Theory	17 years	-
Renjini R.	MA, JRF, B.Ed, Submitted PhD thesis	Assistant Professor	Film/Subaltern Studies	8 Years	-
Bimal Edwin	MA, NET, B.Ed	Assistant Professor	Psychoanalysis	6 Years	-
Devika Panikar	MA, NET, B.Ed	Assistant Professor	Linguistics, ELT	6 Years	-
Dr Manju C. R.	Ph D, M.Phil, MA, NET, B.Ed	Assistant Professor	African Literature	7 Years	-
Sivapriya (on FDP)	MA, JRF	Assistant Professor	Indian Writing in English	5 Years	-
Anju A. Palavila	MA, NET	Assistant Professor	Indian Writing in English	4 Years	-

Nazia Hassan (FDP Substitute)	MA, JRF, M,Phil, B.Ed	FDP Substitute	Indian Writing in English	2 Years	-
Aarathi Prathap (FDP Substitute)	MA, M. Phil, NET	FDP Substitute	Film Studies and New Literatures	1 Year	-
Anju G.	MA, B.Ed, NET, M.Phil	Guest Faculty	Cultural Studies	1 Year	-

11. List of senior Visiting Fellows, faculty, adjunct faculty, emeritus professors

#	Scholars	Role	Designation
1.	Dr P. P. Raveendran	Emeritus professor	School of Letters, Mahatma Gandhi University, Kottayam, Kerala.
2.	B. Unnikrishnan		Film Director & Social Thinker
3.	Dr. Debashree Dutta Ray	Fulbright Scholar	Assistant Professor, Dept of Comparative Literature, Jadavpur University, Kolkata, West Bengal.
4.	Dr. Meena T. Pillai	Fulbright Scholar	Director, School of English and Foreign Languages, University of Kerala, Thiruvananthapuram, Kerala.
5.	Dr. Ajayakumar P. P.	Chief Editor, <i>Littcrit</i>	Director, Institute of Distance Education, University of Kerala, Thiruvananthapuram, Kerala.
6.	Dr K. M. Krishnan		Associate Professor, School of Letters, Mahatma Gandhi University, Kottayam, Kerala.
7.	Dr. Sajeew Samuel Rose	Fulbright Scholar	Former Principal, Govt Arts College, Thiruvananthapuram, Kerala.
8.	Prof. S. Vinayakumar		Former HOD, Department of English, Govt Arts College, Thiruvananthapuram, Kerala.
9.	Prof. K. G. Radhakrishnan		Former Deputy Director, Directorate of Collegiate Education, Thiruvananthapuram, Kerala.

12. Percentage of classes taken by temporary (including ad-hoc) faculty programme wise information : 20% of Language Courses (UG)

13. Programme-wise Student Teacher Ratio : PG 5: 1
UG 43: 1

Programme	No: of Students	No: of Teachers	S-T Ratio
MA English	36	7	5:1
BA Economics	124	8	25:1
B.Sc Physics	50	8	6:1
B.Sc Botany and Biotechnology	55	8	7:1
B.Com	128	8	16

14. Number of academic support staff (technical) and administrative staff: sanctioned and filled : 0

15. Research thrust areas recognized by funding :

Nature of Research	Funding Agency	Name of the Faculty	Area
Minor Research Project	UGC	Dr. Manju C.R	Women's Studies

16. Number of faculty with on-going projects from a) National b) international funding agencies and c) total grants received. Give the names of the funding agencies and grants received project-wise:

a) Number of faculty with on-going projects from Projects funded by national funding agencies : 2

Sl. No.	Scope of the Projects	Title of the Projects	Funding agency	Grants received
1	Regional	Women After Divorce in the Urban Context: A Study with Special Reference to Thiruvananthapuram City	UGC	140000

b) Number of faculty with on-going projects from Projects funded by international funding agencies : 0

c) Total grants : 140000

17. Publications of faculty: a) Number of papers published in peer reviewed journals (national or international) : 6

#	Name of faculty	Title of the article	Journal (National)	ISSN
1.	Deape N.	'Bull rock' (Translation)	<i>Haritam</i>	
2.	Renjini R.	'The Indian Subject and the Western Gaze: <i>Richard Attenborough's Gandhi</i> as a Biopic'	<i>Littcrit</i> Issue 69, Volume 36, Number 1 June 2010	0970-8049
3.	Renjini R.	'The Narrative Construction of Mangal Pandey and the Star Persona of Aamir Khan in Ketan Mehta's <i>Mangal Pandey: The Rising</i> '	<i>Littcrit</i> Issue 74, Volume 38, Number 2 December 2012	0970-8049
4.	Renjini R.	'The Making of the Nationalist Imaginary: Post-colonial Stakes and Nationalist Claims in the film <i>VeluThampi Dalawa</i> '	<i>Samyukta</i> July 2013	2393-8013
5.	Dr Manju C.R.	'Breathing Life into the Torpid Terrains: Elements	<i>The New Frontier</i> , 2007, Institute of	

		of the African World View in Ben Okri's <i>The Famished Road</i>	English, University of Kerala	
6.	AarathyPratap	'Life and Self in Fragments: Undertones of Modernity in Shyamaprasad's <i>English</i> '	<i>Reyono</i> Issue 2, Volume 3 July 2014	2277-7652

b) Monographs : Nil

c) Chapters in Books : 2

#	Faculty	Chapter / Book	Title	Publisher
1	Deape N.	Translation of Kesari Balakrishna Pillai's Essay—'Futurism and the Arts of Kerala'	Oxford Anthology of Malayalam Literature (forthcoming)	Oxford University Press
2	Deape N	Translation of Karoor Neelakanta Pillai's Story—'Safety Pin'	Oxford Anthology of Malayalam Literature (forthcoming)	Oxford University Press

d) Edited Books : Nil

e) Books with ISBN with details of publishers : 4

Sl no.	Name of Faculty	Title of Book	Publishers	ISBN / ISSN
1	Praveena Thompson	<i>Fable and Fantasy</i>	Wiz Craft Publications & Distribution Pvt. Ltd.	ISBN 978-9383183746
2	Bimal Edwin	<i>Cold Blooded Tales</i>	Create Space Publishing Company, Charleston, USA	ISBN 978-1451553031
3	Bimal Edwin	<i>Timeline: A Screenplay</i>	Create Space Publishing Company, Charleston, USA	ISBN 978-1511806190
4	Nazia Hassan	<i>Grandma's Gandhiji and Other Stories</i>	Create Space Publishing Company, Charleston, USA	ISBN 978-1515395744

18. Faculty serving in (please specify):

#	Name	Boards
1.	Deape N.	Pre-valuation & Pass Board Member MA English (Semesters 1 - 4)
		Subject Expert, SCERT Text Book for Std IX and X
		Subject Expert, Kerala State Public Service Commission Interview for the post of Non- Vocational Higher Secondary School Teacher
		Subject Expert, LalBahadurShastri Centre for Technology, and for government colleges under University of Kerala.
		Question paper setter and subject expert for Higher Secondary School examinations in English.

		Member, Commission for Need Assessment of New Courses, University of Kerala.
2.	DevikaPanikar	Pass Board Member, Semester 2 MA English of University of Kerala
		TPS Interview panel Member, Additional Skills Acquisition Programme (ASAP), Govt of Kerala
		SDE Interview panel Member, Additional Skills Acquisition Programme (ASAP), Govt of Kerala
3.	Dr Manju C. R.	Subject Expert and Member of Editorial Board, SCERT Text Books.
		Question paper setter for Higher Secondary School Examinations in English.
		Subject Expert for the Kerala State Public Service Commission.
		SDE Interview panel Member, Additional Skills Acquisition Programme (ASAP), Govt of Kerala

d) Any other :

#	Name	Boards
1.	Anju A. Palavila	Member, Editorial Board, Govt Arts College Magazine Committee, 2014-15

19. Faculty recharging strategies :

#	Strategies adopted
1.	Faculty members participate in the Orientation and Refresher courses conducted by the UGC Academic Staff College and also in various training programmes, conferences, workshops, seminars and lecture series.
2.	They also organize conferences, workshops, seminars and lecture series in the department to boost their expertise in the relevant areas.

20. Student projects:

a) percentage of students who have done in-house projects including inter-departmental projects : 100%

b) Percentage of students doing projects in collaboration with other universities/industry institute : Nil

21. Seminars/Conferences/Workshops organized and the source of funding (national/international) with details of outstanding participants, if any :

Seminar/Workshop	Source of Funding	Outstanding Participants
National Workshop on <i>Literary Theory</i>	Directorate of Collegiate Education in	S.Vinayakumar, Former HOD, Associate Professor, Govt Arts College, Tvpm

<i>and Literary Criticism</i> 15 & 16-Dec-2014	Kerala	<p>K.G. Radhakrishnan, Retd Deputy Director of Collegiate Education in Kerala & Former Head of the Department of English, Govt Arts College, Thiruvananthapuram.</p> <p>Dr Sajeew S. Rose, Former Principal and Head of the department of English, Govt Arts College, Thiruvananthapuram.</p>
National Seminar <i>Culture after Theory: A Retrospective on Cultural Studies</i> 29-Feb & 01-Mar-2016	Directorate of Collegiate Education in Kerala	<p>B. Unnikrishnan, Film Director</p> <p>Dr P.P. Raveendran, Professor Emeritus, MG University</p> <p>Dr Meena T. Pillai, Director, School of English and Foreign Languages, Institute of English, University of Kerala</p> <p>Dr K. M. Krishnan, Associate Prof., School of Letters, MG University</p> <p>Dr P. P. Ajayakumar, Director, Institute of Distance Education, University of Kerala.</p> <p>K.G. Radhakrishnan, Retd Deputy Director of Collegiate Education in Kerala & Former Head of the Department of English, Govt Arts College, Thiruvananthapuram.</p> <p>Dr Sajeew S. Rose, Former Principal and Head of the department of English, Govt Arts College, Thiruvananthapuram.</p>

22. Code of ethics for research followed by the Departments :

#	Approach
1.	Our PG students are encouraged to follow honesty, integrity, openness and responsibility in their projects.
2.	They are taught to avoid plagiarism and misrepresentation.

23. Student profile course-wise :

Name of the Course / programme	Year	Applications received	Selected	Pass Percentage
MA in English Literature	2010-11	114	17	100
	2011-12	302	18	100
	2012-13	2043	18	100
	2013-14	2565	19	100
	2014-15	2748	20	100

24. Diversity of students :

Our students are from various parts of India, mostly from Kerala from diverse socio- economic and ethnic backgrounds.

% of students from the same state	2010-11 100%	2011-12 100%	2012-13 100%	2013-14 95%	2014-15 100%
% of students from other states	-	-	-	5%	-
% of students from abroad	-	-	-	-	-

Details of Current Academic Year				
#	Name of the Course	Gender	Community	
1	I MA	18 F 2 M	8 GEN , 8 OBC (2 MU) 3 SC, 1 ST	
2	II MA	10 F 6 M	3 GEN, 10 OBC (2 MU), 3 SC	

25. How many students have cleared Civil Services and Defence Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise :

#	Students who have cleared NET	Gender	Category	Year
1	2	1 F, 1 M	1 MU	2009-10
2	2	2 F	2 GEN	2010-11
3	4	4 F	2 GEN, 2 OBC	2011-12
4	2	2 M	1 GEN, 1 SC	2012-13
5	1	1 F	1 MU	2014-15

26. Student progression :

Year	PG to M.Phil	PG to PhD	PhD to Postdoctoral	Employed	Campus selection	Other
2010	3	1	-	29	-	-
2011	2	-	-	25	-	-
2012	4	1	-	14	-	-
2013	3	2	-	23	-	-
2014	1	-	-	16	-	-
2015	1	-	-	12	-	-

27. Diversity of staff :

Percentage of faculty who are graduates	
Of the same university	6
From other universities within the state	3

From universities from other states	-
From universities outside the country	-

28. Present details of infrastructural facilities with regard to:

#	Facilities	Number
1	Library	More than 2000 books and 53 CDs with e- catalogue (Libsoft) system which is connected to a cluster of various academic libraries affiliated to other colleges in Thiruvananthapuram
2	Internet facilities for Staff & Students	<ul style="list-style-type: none"> • 3 Laptop computers, • 2 desktop computers and • An internet connection
3	Class rooms with ICT Facility	2 (with LCD monitors)
4	Laboratories	1 Language Lab with 31 computers having individual internet connection

29. Does the department obtain feedback from:

a) Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback? : Yes.

To make the teaching – learning process more effective and to implement better teaching methodologies.

1.	Feedback from faculty on curriculum is utilized during curriculum revision.
2.	Feedback on teaching-learning-evaluation to make the teaching-learning process more effective and also to implement better and more interactive teaching methodology.

b) Students on staff, curriculum and teaching- learning-evaluation and how does the department utilize the feedback? : Yes.

To make the teaching – learning process more effective and to implement better teaching methodologies.

1.	Feedback from students on faculty, curriculum and teaching-learning – evaluation is collected and discussed to make the teaching-learning process more effective and interactive.
2.	Students' feedback is utilized to create an ambience conducive to learning, inculcation of life-skills and human values.

c) Alumni and employers on the programmes offered and how does the department utilize the feedback? : Yes.

Feedback utilized during curriculum revision

30. List the distinguished alumni of the department (maximum 10) :

#	Name	Designation
1	Bimal Edwin	Asst. Professor, Govt Arts College, Tvpm
2	Dilip D. L.	Asst. Professor, Govt Women's College, Tvpm
3	Jahangir J. S.	Asst. Professor, Iqbal College, Peringamala
4	Prince C. S.	Section Officer, Finance, Secretariat, Govt of Kerala
5	Sini K. S.	Asst. Professor, Mar Athanassius College, Kothamangalam
6	Deepti S.L.	HSA, Government High School, Kaniyapuram
7	Parvathy	Asst. Professor, D. B. College, Parumala, Aleppy
8	Rajasree	Asst. Professor, All Saints' College, Tvpm
9	Leena	Asst. Professor, KNM Govt College, Kanjiramkulam, Tvpm
10	Nisha	Asst. Professor, Bishop Moore College, Mavelikkara

31. Give details of student enrichment programmes (special lectures /workshops /seminar) involving external experts. :

#	Lecture	Speaker	Date
1.	P.B. Shelley's "Ode to the West Wind"	Prof. K.G. Radhakrishnan, Former Deputy Director, DCE, Kerala	05-12-2014
2.	Literary Theory	Prof. S. Vinayakumar, Former HOD, Govt Arts College, Tvpm.	17-01-2015
3.	Ralph Waldo Emerson's "Self Reliance"	Prof. K.G. Radhakrishnan	18-06-2015
4.	T.S. Eliot's "The Waste Land".	Prof. S. Vinayakumar	23-06-2015
5.	Landscapes of The Mind: A Journey Through Canadian Literature	Dr Debashree Dutta Ray	04-02-2016

#	National Seminar	Speakers	Co-ordinator	Date
1.	Culture after Theory: A Retrospective on Cultural Studies	Dr P. P. Raveendran, Dr. Meena T. Pillai, Dr Ajayakumar P. P., Dr K. M. Krishnan	Renjini. R, Asst. Professor of English, Govt Arts College, Tvpm	29-02-16, 01-03-16.

#	National Workshop	Speakers	Co-ordinator	Date
1	Literary Theory and Literary Criticism	Prof. S. Vinayakumar, Prof. K.G. Radhakrishnan, Prof. Sajeev Samuel Rose	Prof. Praveena Thompson	15-12-2014, 16-12-2014.

32. List the teaching methods adopted by the faculty for different programmes :

- 1 Lecture Method
- 2 Interactive Method
- Group Discussions

ICT Enabled Teaching
Buzz Group discussion

33. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored? :
- Through obtaining feedback from students and alumni.
34. Highlight the participation of students and faculty in extension activities. :

Extension Activity	Faculty Co-ordinator
English Made Easy	Anju A. Palavila
The PG students of the department are offering language classes to the financially backward students of the nearby Govt Model School who have difficulty in learning English. The students to be benefitted are chosen by the school authorities, and our students take turns in giving them ICT enabled lessons. This in turn helps the blooming teachers to perfect their inborn talents and also instils in them a sense of responsibility and social commitment.	

35. Give details of “beyond syllabus scholarly activities” of the department.

:

1	The department is keen on keeping alive the legacy of the eminent teachers who have been fountains of knowledge and good sense. The English department has organised a non-profit UGC NET/JRF orientation class/training for which the expertise of senior/retired professors has been made use of. The existing faculty has also contributed immensely to the programme, which is turning out to be a success.
2	Editing text books for SCERT- State Council for Education and Research Training
3	Setting Question papers for Kerala State Higher Secondary Education
4	Translation of literary works
5	Question Compendium
6	Shakespeare Awareness among UG Students
7	Additional Skill Acquisition Programme co-ordinated by Dr Manju C. R.
8	Scholar Support Programme co-ordinated by Anju A. Palavila
9	Media Club co-ordinated by Renjini R.
10	Performing Arts And Drama Club co-ordinated by Bimal Edwin
11	Literary Debate and Quiz Club co-ordinated by DevikaPanikar

36. Briefly highlight the contributions of the department in generating new knowledge, basic or applied. :

1.	We encourage our faculty members to undertake FDP, Major and Minor research projects, and also to attend seminars, workshops and conferences.
2.	We encourage our students to undertake research projects and also to attend seminars, workshops and conferences.

37. Future plans of the department. :

1	Digitalising the Library
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2	Subscribing to International Journals
3	Upgrading the department to a Research Centre
4	Publishing a Research Journal
5	Compiling a dictionary of literary theory and cultural studies
6	Conducting an international workshop on Indian aesthetics
7	Preparing a rank file for UGC/NET/JRF
8	Gaining access to more academic resources- e-books, audio books, video lectures etc.

38. Detail any five Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department. :

STRENGTHS	WEAKNESSES
1. Well-equipped Library 2. Smart class rooms with ICT facility and LCD monitors. 3. Language Lab 4. Dedicated teachers & students 5. Support of former faculty	1. Unavailability of space 2. Lack of time for research 3. Poor maintenance of infrastructure 4. High student-teacher ratio at the UG level 5. Constraint of time for effective transaction of knowledge
OPPORTUNITIES	CHALLENGES
1. Location of the college is in the heart of the city 2. Industrious students 3. Exposure to cluster colleges 4. State central library and University library are located near the college 5. The University department of English and its library is located nearby the campus	1. Presence of other colleges with UG and PG courses 2. Frequent transfers of teachers 3. Loss of working days due to hartals and strikes. 4. Lack of sufficient financial assistance 5. Centralised Admission system

Profile of the Department of Statistics

1. Name of the department: STATISTICS
2. Year of Establishment : 1974
3. Names of Programmes / Courses offered : PG- M.Sc Statistics
4. Interdisciplinary courses and departments involved: As per CBCSS, under UG programme, the department is offering complementary courses to students of Physics department
5. Annual/ Semester/Choice Based Credit System : PG- Semester
6. Number of teaching posts sanctioned and filled
(Professors/Associate Professors/Asst. Professors)

	Sanctioned	Filled
Professor	Nil	Nil
Associate Professors	5	1
Assistant Professors		4

7. Faculty profile with name, qualification, designation and specialization

Name	Qualification	Designation	Specialisation	No. Of Years Of Experience	No. Of Ph.D. Students In The Last 4 Years
Dr. Sheela K.L	M. Sc, M. Phil, Ph.D	Associate Professor	Statistics	18	Nil
Dr. N.V. Sreekumar	M. Sc, M. Phil, Ph.D	Assistant Professor	Statistics	8	Nil
Dr. Vineshkumar B	M. Sc, Ph.D	Assistant Professor	Statistics	2	Nil
Smt. Dhanya Nair R	M. Sc, M. Phil	Assistant Professor	Statistics	8	Nil
Sri. Laji M	M. Sc, M. Phil	Assistant Professor	Statistics	2	Nil

8. Programme-wise Student Teacher Ratio: PG- 24:05
9. Publications

Number of papers published in peer reviewed journals (national /international)- 1

10. Faculty recharging strategies: department conducted two lecture series programmes and a workshop.

11. Student projects

percentage of students who have done in-house projects including inter-departmental projects- 100%

12. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any:

Name of the workshop	Funded by	Date
One day Lecture Series on Applications of Statistics in Biology	Director, Collegiate Education Department, Government of Kerala	16-01-2015
One day Lecture Series on Survey and Analytical Methods in Election Studies	Director, Collegiate Education Department, Government of Kerala	15-12-2015
Two day National Workshop on STATISTICAL COMPUTING USING R	Director, Collegiate Education Department, Government of Kerala	26-02-2016 to 27-02-2016

13. Student profile course-wise: M. Sc Statistics

Year of study	No. of students enrolled		% pass
	Male	Female	
2013-2015	2	10	75
2012-2014	0	9	66.67

14. Diversity of students :

Name of course	% of students from the same state	% of students from the other state	% of students from abroad
M. Sc	100	0	0

15. Diversity of staff

Percentage of faculty who are graduates	
of the same university	80
from other universities within the State	20
from universities from other States	Nil
from universities outside the country	Nil

16. Present details of infrastructural facilities with

regard to

- a) Library: 339 books are kept in departmental library
- b) Internet facilities for staff and students: Yes
- c) Total number of class rooms: 2
- d) Class rooms with ICT facility : 1
- e) Students' laboratories : 1
- f) Research laboratories : nil

17. Number of post graduate students getting financial assistance from the university:

15 students are getting e-grants from the Government of Kerala . 68 per cent of the students are receiving financial assistance in the form of fee concession granted by the University of Kerala

18. Does the department obtain feedback from

Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?

The merits and demerits of curriculum and teaching-learning evaluation are being discussed in the department meeting and suggestions are reported to the concerned authorities.

19. Give details of student enrichment programmes (special lectures / workshops /seminar) involving external experts: Miss. Dona Francis, I Rank Holder of Indian Statistical Service Examinations, 2015 visited and interacted the students of Statistics Department on 04-11-2015

20. List the teaching methods adopted by the faculty for different programmes: Lectures, Seminars, Group discussions, Presentations using ICT

21. Highlight the participation of students and faculty in extension activities.

The students and teachers of the department are actively participated in the regular and special campaign programme of NSS units of the college. A Human rights club is actively functioning under the guidance of the department with Smt. Dhanya Nair as the Convenor.

22. Future plans of the department:

- Upgradation of department as Research Centre
- Consultancy services in related areas
- Intensive coaching for CSIR- UGC- NET and ISS Examinations

23. Detail any five Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department

Strengths: <ol style="list-style-type: none"> 1. Good infrastructure. 2. Dedicated Faculty. 3. Hard working students. 	Weakness: <ol style="list-style-type: none"> 1. Lack of autonomy in academic matters 2. Lack of advanced research facilities. 3. Inadequate financial resources
Opportunities: <ol style="list-style-type: none"> 1. Employment in government and non- governmental institutions 2. Teaching opportunities in colleges 3. Research and consultancy 	Challenges: <ol style="list-style-type: none"> 1. Heavy work load for faculty members is a limiting factor to develop their research capabilities 2. Lack of regular and competent training programme to faculties

Profile of the Department of Biotechnology

1. Name of the Department: **Biotechnology**
2. Year of establishment : 2004
3. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.): UG-BSc in Botany and Biotechnology
4. Inter disciplinary courses and departments involved: Offers Bioinformatics as open course subject for S5 students of Economics, Commerce and Physics.
5. Annual/Semester/Choice Based Credit System -CBCS
6. Participation of the department in the courses offered by other departments
Students of BSc S5 attend various subjects as open course given by other Departments
7. Number of teaching posts sanctioned and filled (Professors/Associate Professors/Asst. Professors)

	Sanctioned	Filled
Professor		
Associate Professors		
Assistant Professors	2	2

8. Faculty profile with name, qualification, designation and specialisation (D.Sc./D.Litt./Ph.D./M.Phil., etc.)

Name	Qualification	Designation	Specialisation	No. of Years of Experience	Ph.D. Students in The Last 4 years
Ramya R Prabhu	MSc CSIR-UGC-NET (PhD thesis submitted)	Asst. Prof	Molecular Neurobiology	3.5 years of teaching and 6 years of research	
Ragaseema V M (On LWA)	MSc, PhD, CSIR-UGC-NET	Asst. Prof	Vascular Biology	3 years of teaching and 5 years of research	

9. Percentage of classes taken by temporary (including ad-hoc) faculty-programme-wise information

One guest faculty handling the classes of Dr. Ragaseema V. M who is on LWA for study purpose.- 50%

One guest faculty handling the classes for supplementary subject Biochemistry

10. Programme-wise Student Teacher Ratio : 45:1

11. Publications:

Number of papers published in peer reviewed journals: 2

Chapters in Books -1

Books with ISBN with details of publishers

Number listed in International Database (For *e.g.* Web of Science, Scopus, Humanities International Complete, Dare Database- International Social Sciences Directory, EBSCO host, etc.) - 3

12. Faculty selected nationally/internationally to visit other laboratories in India and abroad- 1 Dr. Ragaseema V M, Assistant Professor

13. Faculty recharging strategies

Every year seminars are organized by the dept in collaboration with the dept of Botany for the faculty. Faculty take part in seminars/workshops organized by other institutions/higher education council etc. Faculty also takes part in orientation/refresher courses offered by the academic staff college.

14. Student projects

- percentage of students who have done in-house projects including inter-Departmental projects
- percentage of students doing projects in collaboration with other universities/industry/institute - 33%

15. Seminars/Conferences/Workshops organized and the source of funding (national /international) with details of outstanding participants, if any:

#	Topic	Funded by	Duration
1	Applied aspects of plant biotechnology	DCE	5 th Dec. 2013
2	DNA Barcoding- A Rosetta	DCE	6th Feb 2015

	Stone to understand bio diversity		
3	Bio-fuels as renewable energy source towards a greener technology	DCE	19 th Feb 2016

16. Student progression:

Student progression	Against % enrolled
UG to PG	65
Employed	
<ul style="list-style-type: none"> • Campus selection • Other than campus recruitment 	25

17. Diversity of staff

Percentage of faculty who are graduates	
of the same university	
From other universities within the State	50%
From universities from other States	50%
from universities outside the country	

18. Number of faculty who were awarded Ph.D., D.Sc. and D.Litt. during the assessment period–

1. Dr. Ragaseema V M, Assistant Professor

19. Present details of infrastructural facilities with regard to

- a) Library –One department library
- b) Internet facilities for staff and students: yes
- c) Total number of class rooms : 3
- d) Classrooms with ICT facility 1
- e) Students' laboratories 1
- f) Research laboratories

20. Give details of student enrichment programmes (special lectures/ workshops/ seminar) involving external experts.

- The department in collaboration with the department of Botany conducts seminars every year as a part of faculty development programme in which students can also

take part. Poster competitions on various themes are conducted for the students to enrich their talents and expertise on the subject.

- The students who take part in activities like WWS and SSP get to interact with external experts in the subject.
- The students are also encouraged to take classes on some topics which are monitored by the faculty.
- The final year UG students are allowed to do their projects in institutions and universities of national importance to facilitate their exposure to methods and facilities available outside the department.

21. List the teaching methods adopted by the faculty for different programmes.

The conventional mode of teaching as well as teaching using new sources like using power points are adopted according to the need of the students. The students are encouraged to use the laboratory facilities and every student is taught to use the equipments as per their need so as to have hands on expertise in doing lab experiments.

22. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

1. Continuous evaluation of the students are conducted by the department.
2. Model examinations and surprise tests/quizzes are also conducted on regular basis.
3. Lab examinations are also conducted on a regular basis
4. PTA meeting are held regularly to get feedback from the parents regarding the progress of students.

23. Highlight the participation of students and faculty in extension activities.

- Students actively take parts in various clubs like Nature club, Human Rights Club, Science Club etc
- The Department provides facilities for school students to conduct their projects as part of their curriculum. One faculty of the department Smt. Ramya R prabhu served as ENCON Club coordinator for the year 2014-15. Various competitions were conducted in association with BPCL, Cochin and prizes were distributed.

24. Give details of “beyond syllabus scholarly activities” of the department.

Both the faculty and students are a part of WWS, ASAP and SSP programmes conducted by the higher education for the students.

25. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

Awareness on new topics of current relevance.

26 . Future plans of the department.

Department plans to start PG course in Biotechnology, Viz MSc Biotechnology as currently there is no college in Govt sector offering the same. Efforts towards the same have been initiated. Renovating the laboratory with state of the art facilities and setting up of tissue/cell culture lab.

27. Detail any five Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Strength

The Department has permanent faculty members for the past three years as the posting was done 8 years after the establishment of the department. Both of them are well qualified with research experience. One faculty has been awarded PhD and is currently pursuing post doc and the other faculty has submitted the thesis for evaluation.

The department library has got a collection of numerous books for students. The laboratory is good enough for the experiments to be conducted for UG students.

Weakness

The department does not have a PG programme in Biotechnology.

Lack of supporting technical staff in laboratory.

Opportunities

The lab facilities could be more enhanced and opportunities for conducting research could be facilitated. New equipments are being purchased in this regard.

Threats

The department lacks more space to set up new courses like PG programmes. The plans for the establishment of PG programmes are not being encouraged extensively

Profile of the Department of Botany

1. Name of the Department: : BOTANY

2. Year of establishment :1964

3. Names of Programmes / Courses offered : UG

4. Annual/Semester/Choice Based Credit System - CBCSS

5. Participation of the department in the courses offered by other departments-

Students of B.Sc S5 attend various subjects as open course given by other Departments

6. Number of teaching posts sanctioned and filled (Professors/Associate Professors/Asst. Professors)

	Sanctioned	Filled
Professor		
Associate Professors		
Assistant Professors		2

7. Faculty profile with name, qualification, designation and specialisation

Name	Qualification	Designation	Specialisation	No. of Years of Experience	No. of Ph.D. Students in the Last 4 years
AJITH KUMAR P.	M.Sc. Botany; CSIR	Assistant Professor		14 years	
BOSCO LAWRENCE	M.Sc. Botany; M.Phil.: NET	Assistant Professor		11 Years	

8. Programme-wise Student TeacherRatio-45 : 1

9. Publications:

Number of papers published in peer reviewed journals (national /international) 6

Impact Factor–range/average 3.4

10. Student projects

- percentage of students who have done in-house projects including inter-departmental projects
- percentage of students doing projects in collaboration with other universities/industry/institute– 33%

11. Seminars/Conferences/Workshops organized and the source of funding with details of outstanding participants, if any: 3 National Seminars

12. Student progression:

Student progression	Against enrolled	%
UG to PG	65	
Employed		
<ul style="list-style-type: none"> • Campus selection • Other than campus recruitment 	25	

13. Diversity of staff

Percentage of faculty who are graduates	
of the same university	100
From other universities within the State	
From universities from other States	
from universities outside the country	

14. Present details of infrastructural facilities with regard to

- Library
- Internet facilities for staff and students
- Total number of classrooms
- Classrooms with ICT facility - 1
- Students' laboratories -1
- Research laboratories

15. Does the department obtain feedback from.

- Faculty on curriculum as well as teaching- learning- evaluation? If yes, how does the department utilize the feedback?

- b. Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?- Yes; By using questionnaire; For Improving the teaching quality of staff
- c. Alumni and employers on the programmes offered and how does the department utilize the feedback?

16. List the teaching methods adopted by the faculty for different programmes. -

Lecturing; practical oriented classes; Smart classes; debates

17. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?- Discussing with students, Class PTA meeting are regularly done, departmental staff meetings

18. Highlight the participation of students and faculty in extension activities.-

Mushroom cultivation and Vegetable cultivation are the major extension activities. In addition to this, students actively take parts in various clubs like Nature club, Human Rights Club, Science Club etc

19. Give details of “beyond syllabus scholarly activities” of the department.-

- Mushroom cultivation;
- celebration of environmentally related important National and International Days;
- Faculty participated in WWS programme as internal mentors

20. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.

21. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.- Importance of organic farming; Awareness on energy crisis

22. Future plans of the department.- Starting of M.Sc. course ; Setting up of medicinal garden and conservatory

23. Detail any five Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Strength- permanent teaching staff, location of the college, students

Weakness- Lack of laboratory Supporting staff,

Opportunities-

Challenges- shortage of space in the college.

Profile of the Department of Physics

1. Name of the Department : PHYSICS
2. Year of Establishment : 1999
3. Names of Programme / Courses offered : UG- FDP in Physics
4. Interdisciplinary courses and departments involved:

As per the CBCSS under UG Programme the department is offering open courses in Astronomy and Astrophysics to the students of other departments.

5. Annual/Semester/Choice Based Credit System

Choice Based Credit and Semester System

6. Participation of the department in the courses offered by other departments

The UG students of the department are doing open courses conducted by other departments like Economics, Commerce, Botany & Biotechnology and Physical Education.

7. Number of teaching posts sanctioned and filled (Professors/Associate Professors/Asst. Professors)

	Sanctioned	Filled
Professor	0	0
Associate Professors	0	0
Assistant Professors	3	3

8. Faculty profile with name, qualification, designation and specialisation (D.Sc./D.Litt./Ph.D./M.Phil., etc.)

Name	Qualification	Designation	Specialisation	No. of Years of Experience	No. of Ph.D. Students in the Last 4 Years
Smt.Biji M S	MSc,NET,BEd	Assistant Professor	Space Physics	5 years	NA
Dr.Prince P R	MSc,Mphil,PhD	Assistant Professor	Space Physics	18 years	7
Smt.Seema C S	MSc,Mphil	Assistant Professor(on FDP deputation)	Space Physics	5 years	NA
Ms.Adheena P S	MSc,NET	FDP Substitute	Electronics	8 months	NA

9. Programme-wise Student Teacher Ratio

UG - 24:1

10. Number of academic support staff (technical) and administrative staff: sanctioned and filled

Technical Staff

Sanctioned - 1

Filled - 1

11. Publications:

Number of papers published in peer reviewed journals (national /international)

Name of Faculty	No. of Publications	Name of Journal	Impact factor	h index
Dr. Prince P R	12	Astrophysics and Space Science	2.263	1
		Advances in Space Research.		1
		Indian Journal of Physics	1.358	1
		Ultra Scientist of Physical Sciences	1.785	1
		Indian Journal of Radio and Space Physics		1
				1

Chapters in Books

1. 4 Articles in Encyclopaedia for Astronomy, Kerala State Institute for Encyclopaedic Publications, Thiruvananthapuram, 2010
2. Mars Orbiter Mission, Indian Space Odyssey, Sanghasabdam, 2014

12. Faculty serving in a) National committees b) International committees c) any other

1. Dr. Prince P R, Member , Board of studies in Future Studies in Kerala, University of Kerala

13 . Student projects

percentage of students who have done in-house projects including inter-Departmental projects : 100%

14. Awards/ Recognitions received at the National and International level by students:

1. Shamnad.B (2012-15 batch) participated in National games -2014
2. Abhijith.A.J , I BSC , participated in Republic Day camp 2016
3. Abhijith. A.J participated in All India Trucking camp at Dehradun, October 2015 under NCC
4. Shamnad.B represented university hand ball in the Inter University Championship

15. Seminars/Conferences/Workshops organized and the source of funding (national/international) with details of outstanding participants, if any:

Topic	Funded by	Seminar/ workshop	Month & Year
National seminar on space physics and quantum mechanics (NSQ-2016)	DCE, Govt. of Kerala	Seminar	18th & 19th February 2016
“Water Resource Management”	UGC	Seminar	13 th November 2015
Ozone and the Ultraviolet	Kerala State Council for Science, Technology and Environment	Seminar	13 th October 2015
National seminar on advances in physics (NAP-2015)	DCE, Govt. of Kerala	Seminar	4th & 5th February 2015
‘WEP- 2014’,one day workshop on experimental physics	UGC	workshop	12 th November 2014
OZONE- 2014	Kerala State Council for Science, Technology and Environment	Seminar	25 th September 2014
National seminar on fundamental and applied physics (NFAP-2013)	DCE, Govt. of Kerala	Seminar	11th & 12th December 2013
National science day celebrations – 2014 ‘science for the society’	Kerala State Council for Science, Technology and Environment	Seminar	19th February 2014
The atmosphere we live- ozone day celebration	Kerala State Council for Science, Technology and Environment	Seminar	24th October 2013
Bhautik-2012	DCE, Govt. of Kerala	Seminar	13th & 14th December 2012
Nakshathra 2011	DCE, Govt. of Kerala	Seminar	20-21 December 2011

16. Student profile course-wise:

Name of the course : BSc Physics	No. of students			Pass Percentage
		Male	Female	
2012-2015	24	14	10	75
2011-2014	22	8	14	60
2010-2013	20	10	10	60
2009-2012	25	15	10	83

17. Diversity of students:

Name of the course	% of students from the same state	% of students from the other state	% of students from abroad
BSc	100	NIL	NIL

18. How many students have cleared Civil Services and Defence Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise:

IBPS-5

19. Student progression:

Student Progression	%
UG to PG	37.5
UG to employment	10

20. Diversity of staff

Percentage of faculty who are graduates	
of the same university	100
From other universities within the State	NA
From universities from other States	NA
from universities outside the country	NA

21. Present details of infrastructural facilities with regard to

- a) Library : Department has a library with 203 books , 2 journals and 1 magazine
- b) Internet facilities for staff and students: Internet facility (Wi-Fi) is available in the laboratory and the staff room . c) Total number of classrooms : 3
- d) Classrooms with ICT facility : 1
- e) Students' laboratories : 2

22. Does the department obtain feedback from

a. Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback? b. Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback? c. Alumni and employers on the programmes offered and how does the department utilize the feedback?

Yes, the department collects feedback from the faculty on curriculum and course and from the students on the performance of each teaching faculty, course and teaching learning methods. There is a practice of holding department council meeting periodically and in the meeting the feedbacks are discussed and reviewed. Based on the discussions new strategies are implemented if needed. Feedback from Class PTA and general PTA meetings and department alumni are also collected and policies are formulated accordingly.

23. List the alumni of the department (maximum 10)

- Razan K Abdulla, doing MSc Physics in CUSAT
- Raveena I, doing MSc Physics
- Athira R, doing MSc Physics
- Reshma P, Probationary Officer, Federal Bank
- Bijith, doing MSc Physics
- Arun Krishna I.P. , Asst. Manager ,ICICI
- Brinda Rajan, Asst. Manager, Federal Bank
- Remya Devi R S, clerk, Federal Bank

- Aishwarya S Mohan , clerk, Federal Bank

24. Give details of student enrichment programmes (special lectures/ workshops/ seminar) involving external experts.

Special lectures are given to the students of the department through WWS, SSP and ASAP. National and State level seminars and workshops are organized by the department annually. As part of their curriculum the students take seminars by themselves on recent developments in the science community with the help of ICT.

25. List the teaching methods adopted by the faculty for different programmes.

Lectures, Presentations using ICT, Group Discussions, Demonstrations

26. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

Academic progress of students was assessed through class tests. Feedback from students on the performance of teaching faculty and programme were also collected. These were discussed and analysed in the department council meeting and necessary steps were taken for better outcome. The tutorial system helps students to overcome learning difficulties.

27. Highlight the participation of students and faculty in extension activities.

Students of the department are members of various clubs like Science club, Media club, Debate club, Quiz club, Film club, NSS and NCC etc. These clubs organize extension and social activities and members actively participate in them. The department itself has conducted extension activities like Energy Survey in the college, vehicle population on the front road, etc. Departmental students participate in Blood Donation camps and slums cleaning programmes arranged by NSS and other clubs. The Faculty of the department also serve as co-ordinators of various cells.

28. Give details of “beyond syllabus scholarly activities” of the department.

- The department conducts quiz competitions and poster exhibitions in connection with ozone day celebrations and National Science day celebrations.

- The students are encouraged to take projects in topics relevant to the society.
- Paper cuttings of recent scientific advancements are displayed on the notice board of the department.

29. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

- The department had conducted a one year Add-on course in “Communication Technology” which fosters new knowledge about the latest developments in communication.
- As part of the State/National seminar, the department arranges sky watch facility for the curious students.
- Students are encouraged to take seminar on the current science achievements using ICT
-

30. Future plans of the department.

- To design and start a new post graduate course in Physics with Space Physics as specialization.
- To collaborate with National research Institutions like Bhabha Atomic Research Centre (BARC) to carry out studies related to Radiation levels of Thiruvananthapuram District.
- To conduct a Lecture series on Quantum Mechanics /Nanophysics/Astronomy
- To familiarize the school students with the scientific equipments available in our laboratory
- To conduct a science exhibition

31. Detail any five Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Strength

- Highly qualified and dedicated teaching faculty.
- High quality students are admitted in the department.
- Well-equipped computer lab with Wi-Fi facility and 8 computers which include 1 HP workstation.

- An air conditioned Smart class room with most modern facilities like, interactive projector, HD LED TV with DTH connection, Digital Podium, Visualizer, wi-fi connectivity, etc
- Nearest to Scientific institutions like VSSC, NIIST, IIST , IISER etc

Weakness

- Frequent transfer of Faculty members
- Lack of time for research for Faculty members due to the busy schedule of the teaching-learning-evaluation process.

Opportunities

- As the demand for the courses is high, new job oriented courses can be introduced.
- The faculty members in the department are well qualified and can extend their academic and research experiences for imparting a research trigger in students
- The instrumental facilities and infrastructure required can be increased so that more and more students will be benefited

Challenges

- Majority students are from socially & economically backward community.
- As in the case of all traditional courses, the well planned and job oriented professional courses are the main threat for the department, which can be overcome by the introduction of new job oriented courses having industry interface.

Profile of Department of History

1. Name of the Department: **HISTORY**
2. Year of establishment: 1924
3. Inter disciplinary courses and departments involved:

The Department is offering complementary courses to the students of Economics Department under UG Programme

4. Number of teaching posts sanctioned and filled (Professors/Associate Professors/Asst. Professors)

	Sanctioned	Filled
Professor		
Associate Professors	1	1
Assistant Professors		

5. Faculty profile with name, qualification, designation and specialisation

(D.Sc./D.Litt./Ph.D./M.Phil., etc.) Name	Qualification	Designation	Specialisation	No. of Years of Experience	No. of Ph.D. Students in the Last 4 Years
Kumari Vanaja. N.B.	M.A. , M. Phil	Associate Professor	Modern India	26	

6. List of senior Visiting Fellows, faculty, adjunct faculty, emeritus professors:

Dr. S Raimon, Director, Heritage Museum, Kerala.

7. Faculty serving in

a) National committees b) International committees) Editorial Boards) any other

#	Position Held	Institution
1	Subject Expert in Interview Board	Kerala Public Service Commission
2	Question Setter for KPSC exam	Kerala Public Service Commission
3	Examiner	Kerala Public Service Commission

Seminars/Conferences/Workshops organized and the source of funding (national/international) with details of outstanding participants, if any:

	Title of Seminar	Funding Agency	Duration
1	Paithrukam	DCE	One Day

9. List the teaching methods adopted by the faculty for different programmes.

Lectures, Group Discussions and Presentations

10. Highlight the participation of students and faculty in extension activities.

The Department is actively participated in the various programmes of the college – Women Cell, Continuing Education, CASH

11. Future plans of the department.

Starting PG Course in History

Intensive coaching in General Knowledge for competitive examinations.

12. Detail any five Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Strength

1. Good Library
2. Hardworking students

Weakness

1. Students from poor academic background
2. Lack of Transportation facility

Opportunities

1. Introduction of Career Oriented Courses
2. Introduction of Interdisciplinary Courses

Challenges

1. Limited space in the college.

Profile of Department of Mathematics

1. Name of the department: MATHEMATICS
2. Year of Establishment : 1924
3. Is the Department part of a School/Faculty of the university? No
4. Interdisciplinary courses and departments involved: As per CBCSS, under UG programme, the department is offering complementary courses to students of Physics and Economics departments
5. Number of teaching posts sanctioned and filled (Professors/Associate Professors/Asst. Professors)

	Sanctioned	Filled
Professor	Nil	Nil
Associate Professors	1	
Assistant Professors		1

6. Faculty profile with name, qualification, designation and specialization

Name	Qualification	Designation	Specialisation	No. Of Years Of Experience	No. Of Ph.D. Students In The Last 4 Years
Smt. Kumari Sreeja S Nair	M. Sc, MPhil	Assistant Professor (On FDP Deputation)	Mathematics	11	Nil
Sri. Aravindan V P	MSc , NET, B.Ed., SET	FDP Substitute Lecturer	Mathematics	4	

7. Percentage of classes taken by temporary (including ad-hoc) faculty – programme-wise information: 0
8. Programme-wise Student Teacher Ratio:

9. Diversity of staff

Percentage of faculty who are graduates	
of the same university	0
from other universities within the State	100
from universities from other States	Nil
from universities outside the country	Nil

10. Future plans of the department.

Starting UG Course in Mathematics

11. Detail any five Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Strength

1. Hardworking students

Weakness

1. Students from poor academic background
2. Limited reference books

Challenges

1. Limited space in the college.

Profile of the Department of Politics

1. Name of the Department: **Political Science**
2. Year of establishment: 1924
3. Number of teaching posts sanctioned and filled (Professors/Associate Professors/Asst. Professors)

	Sanctioned	Filled
Professor		
Associate Professors	1	
Assistant Professors		1

4. Faculty profile with name, qualification, designation and specialisation

Name	Qualification	Designation	Specialisation	No. of Years of Experience	No. of Ph.D. Students in the Last 4 years
Dr. S L Harikumar	M.A. , NET, PhD	Assistant Professor	Decentralisation and Development	7 years	

5. Future plans of the department.

Starting UG Course in Political Science

PG Course in Political Studies and Public Administration

PG Diploma in modern political analysis and election studies

6. Detail any five Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Strength

1. Good Library
2. Good Computer facilities

3. Hardworking students

Weakness

1. Students from poor academic background
2. Lack of Transportation facility
3. Physical infrastructure is not suit for teaching learning activities
4. Non availability of tools and techniques for teaching

Opportunities

1. Introduction of Career Oriented Courses
2. Introduction of Interdisciplinary Courses

Challenges

1. Limited space in the college.

Profile of Department of Arabic

1. Name of the Department: **ARABIC**
2. Year of establishment: **1980**
3. Is the Department part of a School/Faculty of the university? **YES**
4. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.):

Language Course to all UG Programmes
5. Participation of the department in the courses offered by other departments
6. Number of teaching posts sanctioned and filled (Professors/Associate Professors/Asst. Professors)

	Sanctioned	Filled
Professor		
Associate Professors		
Assistant Professors		1

7. Faculty profile with name, qualification, designation and specialisation (D.Sc./D.Litt./ Ph.D./M.Phil., etc.)

Name	Qualification	Designation	Specialisation	No. of Years of Experience	No. of Ph.D. Students in the Last 4 Years
NADEEM A.R	MA, B.Ed, NET	Guest Lecturer	ARABIC	4	

Profile of Department of French

1. Name of the Department : FRENCH
2. Year of establishment : 1965
3. Number of teaching posts sanctioned and filled (Professors/Associate, Professors/Asst. Professors)

	Sanctioned	Filled
Professor	1	
Associate Professors		
Assistant Professors		

4. Faculty profile with name, qualification, designation and Specialisation (DSC. /D.Litt. /Ph.D. /M.Phil., etc.) Guest lecturer
5. . List of senior Visiting Fellows, faculty, adjunct faculty, emeritus professors:
Selna Fernandez, former Professor of French, Govt Arts College, delivered lectures
6. Seminars/Conferences/Workshops organized and the source of funding
(national/international) with details of outstanding participants, if any:

	Title of Seminar	Funding Agency	Duration
1	Multi lingual studies	DCE	3 days
2	Workshop for restructuring degree program of Kerala University	Higher Education Department	5 days

7. Highlight the participation of students and faculty in extension activities.
 - Co ordinate remedial coaching for sc / st students
 - Under taken additional skill acquisition program of higher education department
8. Future plans of the department.
 - To introduce communicative French to students of other departments under guidance of Continuing Education Cell
 - To start BA main French
9. SWOC of the department.

Strength: Interesting students

Weakness: Students from poor academic background

Opportunities: Learning of foreign language gives opening to jobs abroad and in India

Challenges: Limited facility and space in the college.

Profile of the Department of Hindi

1. Name of the Department: **HINDI**
2. Year of establishment: **1924**
3. Number of teaching posts sanctioned and filled (Professors/Associate Professors/Asst. Professors)

	Sanctioned	Filled
Professor		
Associate Professors	1	1
Assistant Professors		

4. Faculty profile with name, qualification, designation and specialisation
(D.Sc./D.Litt./Ph.D./M.Phil., etc.)

Name	Qualification	Designation	Specialisation	No. of Years of Experience	No. of Ph.D. Students in the Last 4 years
Dr. Ajithakumari B.	M.A. Ph.D	Associate Professor	Kadha Sahithyam	20	

5. Future plans of the department.

1. New Courses : BA Hindi, MA Hindi

Profile of the Department of Malayalam

1. Name of the Department : **MALAYALAM**
2. Year of establishment: : 1924
3. Details of programmes/courses discontinued, if any, with reasons: NIL
4. Annual/Semester/Choice Based Credit System
Choice Based Credit and Semester System
5. Participation of the department in the courses offered by other departments
6. Number of teaching posts sanctioned and filled :

	Sanctioned	Filled
Professor		
Associate Professors		
Assistant Professors		1

7. Faculty profile with name, qualification, designation and specialisation

Name	Qualification	Designation	Specialisation	No. Of Years Of Experience	No. Of Ph.D. Students in The Last 4 years
Daliya S	M.A. , M.Phil. , B.Ed. , UGC , NET.	Asst. Professor	Social Revival	9 Years	NIL

8. Programme-wise Student Teacher Ratio: 106:1

Profile of the Department of Sanskrit

1. Name of the Department: **SANSKRIT**
2. Year of establishment: 1924
3. Number of teaching posts sanctioned and filled (Professors/Associate Professors/Asst. Professors)

	Sanctioned	Filled
Professor		
Associate Professors		
Assistant Professors		1

4. Faculty profile with name, qualification, designation and specialisation (D.Sc./D.Litt./Ph.D./M.Phil., etc.)

Name	Qualification	Designation	Specialisation	No. of Years of Experience	No. of Ph.D. Students in the Last 4 Years
Dr. Priya. L.	M.A., B.Ed., M.Phil., ph.D	Assistant Professor	Critical Edition	6	

5. Awards/recognitions received at the national and international level by • Faculty

#	Name of Award	Institution
1	Best Performance in Women Study Unit 2015-16	GAC Tvpm

6. Seminars/Conferences/Workshops organized and the source of funding (national /international) with details of outstanding participants, if any:

	Topic/Title	Funding Agency	Period
1	Multi Lingual Studies	DCE	Feb 14,15, & 16- 2012
2	National Seminar on Malayalam Language and Malayalam Literature	DCE	Feb 27,28- 2013
3	Malayalam Translations of Sanskrit Dramas (National Seminar)	DCE	Dec 11, 2015

7. Future plans of the department.

1. Start a new course in MA Manuscriptology

Profile of Department of Tamil

1. Name of the Department: **TAMIL**
2. Year of establishment : 19 1924
3. Interdisciplinary courses and departments involved:
4. Courses in collaboration with other universities, industries, foreign institutions, etc.
5. Details of programmes/courses discontinued, if any, with reasons : Nil
6. Annual/Semester/Choice Based Credit System
7. Participation of the department in the courses offered by other departments
8. Number of teaching posts sanctioned and filled (Professors/Associate Professors/Asst. Professors)

	Sanctioned	Filled
Professor		
Associate Professors	1	
Assistant Professors		1

9. Faculty profile with name, qualification, designation and specialisation

Name	Qualification	Designation	Specialisation	No. of Years of Experience	No. of Ph.D. Students in the Last 4 Years
Dr. BENADY.K	M.A.,B.Ed. P.hD	Assistant Professor	Short Stories	8	

Profile of the Physical Education Department

1. Name of the Department: **PHYSICAL EDUCATION**
2. Year of establishment: **1964**
3. Annual/Semester/Choice Based Credit System semester
4. Participation of the department in the courses offered by other departments
HEALTH AND PHYSICAL FITNESS Offered By Commerce, Physics, Economics and Biotech Department
5. Number of teaching posts sanctioned and filled (Professors/Associate Professors/Asst. Professors)

	Sanctioned	Filled
Professor		
Associate Professors	1	
Assistant Professors		1

6. Faculty profile with name, qualification, designation and specialisation
(D.Sc./D.Litt./Ph.D./M.Phil., etc.)

Name	Qualification	Designation	Specialisation	No. of Years of Experience	No. of Ph.D. Students in The Last 4 years
BIMAL LAZER	PhD	Asst. Prof	Sports psychology	6	Nil

7. Programme-wise Student Teacher Ratio **40:1**

8. Highlight the participation of students and faculty in extension activities.

National games medal winner

9. Give details of “beyond syllabus scholarly activities” of the department.

Tournaments

10. Future plans of the department.

Get best results in the tournaments
Conduct coaching camps in various games
Conduct various tournaments
Produce minimum 50 interuniversity players per year.

11. Detail any five Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Participating in 12 events in the intercollegiate tournaments.
Utilizing gym for students
Conducting coaching camps
Organizing intramural tournaments
Lack of playing area.

CENTRAL LIBRARY

VISION

To transform the Library into a centre for self-education and life-long learning

MISSION

To provide information and knowledge support to all academic programmes, helping learners' to broaden their general awareness and deeper domain knowledge, within the framework of the Five Laws of Library Science.

OBJECTIVES

“Learn to know

Learn to do

Learn to live together

Learn to be” (UNESCO)

Learn for transformative change

Learn for sustainable development

Strategic Programmes

The Readers Forum

Human Library

Library Education & Information Literacy Programme

2. Information & knowledge resources

2.1 E-Resources(Digital Library) from UGC-NLIST Services

e-books	e-journals	Databases
1,00,000+	6000+	100+

2.2 print resources

Books	periodicals	newspapers
39,985+	35+	English-4 Malayalam-8 Tamil-1

3. Staff Profile

Sl.No.	Name	Designation	Qualifications	Experience
1	Sunny Joseph	Librarian(UGC)	M. Sc, MILS, UGC-NET	23 years
2	Blessy G.V	Librarian Gr.IV	MLIS,B.Ed,PGDCA	5 years
3	Harikumaran Nair	Attender	B.A	12
4	Jaya Prasad L.	Attender	Higher Secondary	11
5	Sibu R.	Attender	B.A.	10

4. Services offered

- Reference and Information services
- Current Awareness Service
- Book lending service
- Digital Library services
- Internet service
- Career corner
- Reprographic service
- User Education and training

5. Staff Progression

Name of the faculty : Sunny Joseph, Head-Library

Academic Qualifications : MLIS,UGC-NET M.Sc(Geo), Ph.D(Regd)

Publications

	Yes	Number
International journals -refereed papers -non-refereed papers	Yes	1
Academic articles in reputed magazines/news papers	no	
Books/Chapters in books	yes	2
Any other(specify and indicate)		
Articles in various magazines	Yes	4

Awards, recognition, patents etc received by the faculty- Second best paper award in the national seminar on “ the digital shift : making libraries relevant for education and research” organised by Karnataka State Women’s University at Bijapur on 6&7 March, 2014.

Papers presented/published by the faculty (Last five years)

	Presented	participated
National Seminars	15	3
International Seminars	7	
Academic Forum		2
State level	1	

Journal article

- 1 **The case for knowledge integration and integrative learning.** Academia : International Journal on Education Vol. No. 1, Issue No. I January, 2012

Chapters in Books

1. Chapter in Book titled, “Re-designing LIS Education in the technology embedded knowledge era”, pp.64-70 in “Technology Management in Libraries” Edited by Dr. A.T. Francis and Dr. V. Vishnu, published by Authorpress, New Delhi, 2015.
2. Reading- the Unique Process for Holistic Development, chap.15, pp.188-193, in Library and Web Tools for E-learning and teaching : Ed by Dr. AT Francis and Dr. Susan Mathew K; published by Authorspress, New Delhi, 2014.

Presented papers

- ❖ Presented paper, “Humble innovations and contributions of Sunny Joseph, Librarian” in the **national conference** on ‘Best practices and innovations in Library and Information Centres’ from 18-20 February, 2016 at Marian College, Kuttikkanam, Kerala.
- ❖ Presented paper, “Librarian as professor of knowledge”, in the **national seminar** on “Teaching role of Librarians” organized by college of Horticulture, Kerala Agricultural University, Thrissur, Kerala from 21-22 August 2015.
- ❖ Presented paper, “Library automation : The Giant leap of mankind in the cultural world”, in the **national seminar** on ‘Managing Information Resources in Digital Environment’ at St. Aloysius College, Thrissur from 27-28 February 2015.
- ❖ Presented paper, “Guru in the Digital World” in the **national seminar** on ‘the Impact of Paedo-Centric, Experimental and Digital Pedagogy on Teachers’ held on January 23, 2015 at the Institute of Advanced Study in Education-IASE Thrissur, Kerala.

- ❖ Presented paper, “ Rape and Sexual Violence : facts and Fiction”, ‘in the **national seminar** on ‘Historicising Femicides in India :Rape, Honour Killing and Infanticide’ organized by KKTm Govt. College,Pullut,Thrissur, Kerala from 15-16 October,2014.
- ❖ Presented paper, “Redesigning LIS Education in the technology embedded knowledge Era”, in the **national seminar** on “Technology Management in Libraries” organized by the College of Horticulture, Kerala Agricultural University, Thrissur during 29-30 August 2014.
- ❖ Presented an invited paper on “ Unity through spirituality” in the **State level seminar** based on “ Unity in Diversity”, organized by Ramakrishna mission, Belur Math(funded by Govt. of India) on 14th & 15th May 2014 in commemoration of the 150th Birth anniversary of Swami Vivekanada at Puranattukara, Thrissur, Kerala.
- ❖ Presented a paper titled, “The three women who changed the human history” in the two day **national seminar** on “Feminine qualities and leadership” on 22& 23rd April,2014 organised by university college at Mangalore.
- ❖ Presented paper titled,” Knowledge construction, cognitive development & virtual learning in reading : An appeal to youngsters and academics” in the **international conference** organised by St. Paul’s group of institutions on 12-13 April, 2014 in Bangalore.
- ❖ Presented paper titled, “ A policy framework for restructuring Indian Higher Education System”, in **the international seminar** on “Institutional interventions to bridge competency gulf in an e-world” on 24-26 march, 2014 at NSS Training College, Pandalam, Kerala.
- ❖ Presented paper titled, “women empowerment through employment”, in the **international seminar** on “Revisit to Indian education: Evaluation, innovation and internationalization” at EMEA College, Kondotty, Kerala on 18/3/2014.
- ❖ Presented paper titled, “ Education in the era of information tsunami” in the **national seminar** on “the Digital shift : Making Libraries relevant for Education and Research”, Karnataka State Women’s University, Bijapur on 6-7 March, 2014.
- ❖ Presented paper titled, “ Revamping the examination system in Indian Higher Education”, in the **national seminar** on “Emerging trends in Educational Research”, conducted by M.Ed Association, NSS Training College, Ottappalam, Kerala on 26-02-2014.
- ❖ Presented paper, “Quality Crisis in Indian Higher Education: some reflections” in **the international seminar** on “ the Impact of Globalization on Higher Education”(IGHE 2014) at St. Xavier’s College of Education, Palayamkottai, Tamil Nadu on 27th and 28th January, 2014.

- ❖ Paper presented , titled, “ Right to Information Act-2005 : Case Studies and Reflections” on **national seminar** on Democratisation of Information in Knowledge Society organized by Department of Library and Information science, Mangalore University on 24 & 25 the January, 2014.
- ❖ Presented paper titled, “Learning Unlimited : Web portal on Education @iasethrissur” in the **international seminar** on “Teacher Education in Changing Global Society” held at Bishop Agniswami College of Education,Muttom, Tamil Nadu on 14th &15th December, 2013.
- ❖ Presented paper, “Innovative practices in an Ayurveda College: A recollection” in the UGC sponsored **national seminar** on “Innovative Practices in Libraries on 13th December, 2013 at Besant Women’s College, Mangalore.
- ❖ “Teaching Skills for Librarians” , the paper presented in the **national seminar** on “ Professional Motivation for Librarians” organized by the College of Horticulture, kerala Agricultural University, Thrissur on 22nd June,2013.
- ❖ Paper presented titled, “Redefining the Role of Teachers in Knowledge Society”in the **national seminar** on “Teacher Education next: A Contextual Weighing up for National Mission on Teacher Education” at Govt. Institute of Advanced Study in Education, Thrissur on 31st January 2013.
- ❖ Paper presented titled, “Reading the unique process for holistic development” in the **national seminar** on “ Library web tools for E-Learning and Teaching” organized by the College of Horticulture, Kerala Agricultural University, Thrissur on 25-6-2012.
- ❖ Presented paper, “ Knowledge Integration and Life-long Learning Without Burden” in the **international education** Meet on “ Education for Global Excellence on 5th to 7th January, 2012 at Mar Theophilus Training College, Kerala.
- ❖ Presented paper, titled, “ Integrating Knowledge from Outside Syllabus into Curriculum: A study on the awareness of RTI Act among teacher trainees in Kerala,” In the **national seminar** on Content Management and libraries : New vistas for Harnessing Information organized by Kerala Library Association held at Institute of Management in Government, Thiruvananthapuram on 14-16 July, 2011.
- ❖ Presented paper entitled, “ Holistic Education through life skills-a strategy and peace in 21st Century” in IX Annual convention & **international seminar** of Council for Teacher Education(CTE) Kerala State Centre at St. Thomas College of teacher Education, Pala. On 13th & 14th August,2010.
- ❖ **Seminar/Conference Participation**
- ❖ Participated in the seminar on “ Public Relations in Libraries” organized by Kerala Library Association(KLA) on 15th December,2012 in Govt. Institute of advanced Study in Education, Thrissur.

- ❖ Attended national seminar on, “ Library and Web tools for E-learning and teaching” organized by College of Horticulture, Kerala Agricultural University, Thrissur on 25th June 2012.
- ❖ Participated State Level Seminar on “Library Informatics” at Vimala College, Thrissur on 2nd August, 2010
- ❖ **IASE, Thrissur’s College Magazine**
- ❖ Articles titled, “ **chirakatta pakshikal**” and “ Reflections of a teacher in 21st Century” in the magazine 2012(log in /Log out)
- ❖ Article titled, “ **Nadodumbol Naduve Odaruthu**” in college magazine 2010-11(Uravu)
- ❖ Article titled, “**Role of Library and Librarians in Education**” in College magazine-2010(kalam)
- ❖ Article titled, “**Yatra-Munnar-Marayur-Kodaikanal**” in College Magazine 2012-13.

Participation in training/Development programmes

Sl.N o.	Name of programme	period
1.	UGC-Refresher course in LIS at ASC-Calicut University.	29.9.2015 to 19.10.2015
2.	UGC-Refresher Course - Research Methodology in Social sciences at ASC-Calicut University	30.10.2013 to 19.11.2013
3.	UGC orientation Programme at ASC Calicut University.	30.10.2012 to 26.11.2012
4.	UGC refresher Course in LIS at ASC Calicut University.	5.1.2010 to 25.1.2010
5.	UGC refresher Course in LIS at ASC Kerala Univertsity.	2.5.2009 to 22.5.2009
6.	UGC Refresher Course in LIS at ASC Calicut University.	14.5.2002 to 3.6.2002

Other programmes

Sl.No.	Programme	Period
1	Trainer Development Programme-IMG Kerala	27.4.2015 to 29.4.2015
2.	Short term course in Literature Search and Academic writing by UGC ASC Goa University	26.8.2013 to 30.8.2013
3	Two day workshop on Self improvement through hypnosis & self hypnosis by Lague of Controlling mind & Body, Mumbai.	1.9.2013 to 2.9.2013
4	Training programme on Library digitization using	

5	open source software D Space and KOHA ILS at College of Engg. Vadakara	22.2.2013 to 25.2.2013
6.	Short term course on modern technologies in Libraries at Jawaharla Nehru Technological University, Hyderabad.	30.7.2012 to 4.8.2012
6.	Training Course in research methodology and computer applications in social science research by DLIS, Aligarh Muslim University, Aligarh	
7	UGC Sponsored national workshop on KOHA at Marian Coplege, Kuttikkanam	20.3.2012 to 25.3.2012
8	INFLIBNET Regional Training programme on Library automation by INFLIBNET Centre at Calicut University	17.5.2012 to 19.5.2012
9	Management Deveopment Programme organsied by DC School of management at Thrissur	7.6.2010 to 11.6.2010
10	KLA-UNESCO workshop on Information Literacy at Kozhikode	20.6.2009
11	Workshop on Information Literacy Instruction in Higher Education at Christian College, Aluva sponsored by UGC	27.1.2007
12	MG University International workshop on UNESCO's WINISIS/GENISIS	16.8.2008
13	Short term couese on communication skills by Technical Teachers Training Insititue, Chennai	6.9.2008 to 9.9.2008
14	Short term couese in Guidance and Counselling by TTTI, Chennai	5.2.2007 to 9.2.2007
15	Basic Training in Counselling by Santhwana Institute of Counselling and Psychotherapy (weekend course)	18.9.20016 to 22.9.2006
		6.7.2003 to 18.4.2004

6. Extension Activities

Organised the following Seminars(State Level)

1. Role of Libraries in Education and Research on 24.3.2014
2. New Vistas in Scholarly Communication & libraries on 26.3.2013

7 Best practices

The Readers Forum

Human Library

Library Education & Information Literacy Programme

Compulsory Library Attendance Programme

Special Digital Library Service/Digital Clipping Service

8. SWOC Analysis

Strength

- ❖ The good collection of information resources both in print and digital
- ❖ Qualified personnel and co-operative supporting staff

Weakness

- ⊕ Insufficient space
- ⊕ Insufficient number of computers and low internet speed

Opportunities

- The strategic position in the Capital City with the presence of Kerala University Library and State Central Library adjacently.
- Library minded authorities offering ample support.

Challenges

- Insufficient library hours which coinciding with the Class hours
- Under utilization of the resources
- Centralisation of the Departmental Libraries

POST ACCREDITATION INITIATIVES

The previous visit of the NAAC peer team to this college was on the 4th and 5th of April 2005. The team appreciated a number of features of the college. The team also gave valuable suggestions for the further development of the college. Given below are the suggestions proposed by the NAAC team and the action taken by the college in this regard.

1. There is a need for more job-oriented courses like Visual Communication, Fashion Designing, Travel and Tourism Management and more number of post graduate courses in different subjects like MCA, MBA, Bio-informatics, in conformity with the changing needs of the educational scenario in the country.

The college conducts job oriented programmes with the support of the Continuing Education Cell. The Centre for Adult, Continuing Education and Extension of the College at present offers self-financed programme as listed below.

<i>Programme (Diploma)</i>	<i>Duration</i>	<i>Fee structure</i>	<i>Number of students</i>
<i>Hardware And Networking</i>	<i>1 Year</i>	<i>28000 (14000 for SC/ST)</i>	<i>31</i>
<i>Instrumentation</i>	<i>1 Year</i>	<i>28000 (14000 for SC/ST)</i>	<i>20</i>
<i>Civil Engineering</i>	<i>1 Year</i>	<i>28000 (14000 for SC/ST)</i>	<i>38</i>
<i>Logistics & Retail Management</i>	<i>1 Year</i>	<i>28000 (14000 for SC/ST)</i>	<i>20</i>

A post graduate course in Statistics was started in 2012.

Apart from this, the college also conducts Add-on courses. Two courses have been completed in 2015-16. They are

- 1. Tourism Marketing and E-ticketing*
- 2. Communication Technology.*

Currently a course on Soil and Water Analysis is being run under the initiative of the Department of Chemistry.

2. More facilities in sports can be provided, such as multi gym and few more indoor games.

Multi gym facility is now given to the staff and students of the college. The physical education department takes care of the same. A Hand ball court has been constructed and Shuttle and Basket Ball courts are being refurbished.

3. The computer centre is to be strengthened with more new systems and internet access. Online computer facility can be given to each department.

Most of the departments have computer lab facility with access to the internet. All departments have access to the internet. The departments of Physics and Chemistry have full-fledged computer labs of their own.

4. Consultancy projects are to be encouraged and the office needs to be computerised.

The college office is computerised. Processing of the salary of staff members, exam registration of students are carried out online. All communication to the University and the Directorate are preferentially done online.

5. The teachers of the college are to be encouraged to undertake need based research projects and extension activities and try to publish papers in peer-reviewed journals.

Teachers actively engage in research and publish their findings in journals. Most teachers have publications in high impact journals to their credit. Faculty of this college are also engaged in extension activities. Some are subject experts to the SCERT, Standardisation Committee of Entrance Exams, Govt. of Kerala and ASAP under the Govt. of Kerala.

6. There is a need to strengthen the research committee, which should collect various information about different funding agencies, the process of submitting research proposals and the time before which the proposals have to be submitted and circulate the same to all the departments and to act as a monitoring and coordinating committee.

There is an active research committee in the campus. They monitor all activities related to research which include updating the staff on information related to the funding agencies, research proposals, new journals etc. Encouragement is given to teachers to avail the Faculty Development Programme (FDP) and to take up minor and major projects of the UGC. The research committee is also successful in bringing out a Research journal for the college.

7. NSS and NCC units have to undertake more and more socially relevant activities and adopt the villages.

NCC and NSS units of our college are actively participating in community development programmes with the support of the Local Bodies. NSS and NCC units undertake programme to sensitize the students on issues related to gender, inclusion, human rights, legal literacy, environment and other relevant issues. Three students in the NCC unit of this college participated in the Republic Day parade held at New Delhi.

8. The teachers may further be encouraged to update themselves by frequently attending various national and international seminars in addition to participating in refresher/ orientation courses.

Faculty of the college regularly update themselves by participating in various national and international Seminars.

9. The college authorities are to think in terms of securing establishing linkages with national and international level institutions for improving the academic activities and to make their college a role model to other institutions.

Faculty of this institution have been selected for national and international internships. Faculty members are encouraged to participate in the FLAIR (Fostering Linkages in Academic Innovation and Research) programme of Government of Kerala which is meant for the development of research talents and academic skills of young faculty members.

- *In 2013-14 Dr. Nimi, faculty from the Department of Commerce was selected for the FLAIR International Internship to UK.*
- *Sri. Thomas Mathew, Assistant Professor of Economics has attended two weeks course at Institute for Social and Economic Change (ISEC) Bangalore as part of FLAIR programme.*
- *Smt. Rajani R Nair, Assistant Professor of Commerce was selected for the FLAIR National Internship in 2014-15; she visited IIT Chennai as part of the programme.*
- *In the year 2015-16, Dr. Vishnu V S, Assistant Professor of Chemistry was selected for the International Internship to the UK. He visited the Nottingham Trent University as part of the programme.*

M Sc Analytical Chemistry students of this college are doing their Project Work at the National Institute for Interdisciplinary Science and Technology (NIIST), CSIR, Govt. of India.

6th semester B. Sc. students of Botany and Biotechnology departments do their project work as part of the curriculum in institutes like CDIO (Chief Disease Investigation Office), Trivandrum and Agricultural University, Vellayani, Trivandrum.

10. More books can be added to the Book bank section of the Library to lend books for nearly 8-9 months.

Currently the book bank section of the library has about 2000 books.

11. More number of updated books needs to be brought for each subject to equip the library better.

The library adds several books every year to better cater to the needs of the students. Utmost care is taken to include books not only on academics but also on other wide-ranging topics, outside academics.

12. Reading room facility can be improved to accommodate more students.
Reading room facility has been improved in all departments and the library.
13. Language lab can be better utilised to help the students acquire language skills and this facility can be extended to the undergraduate students also.
The language lab facility of the college is being utilised effectively. UG and PG students of the college make use of this facility. Apart from this, the facility is also extended to the ASAP, WWS and SSP students.
14. Some more certificate and diploma courses can be started to help the students acquire additional skills.
Certificate courses are being conducted by the Continuing Education Cell functioning in the college. Apart from this Add-on courses are conducted by the Physics, Chemistry and Commerce departments.
15. New building can be put up for administration and to conduct new courses.
A new building was constructed, which currently houses the Library, Physical Education Department, Canteen and Multi gym. Construction of additional floors is going on to improve the amenities further.
16. The placement cell has to be strengthened to help the students find job opportunities.
A placement cell functions in the college. The Cell has interaction with external recruiting agencies and industries and keeps the students informed of the current trends in the employment market and provides training to them.
17. Career guidance has to be done more systematically.
Efforts have been taken to streamline the activities of the career guidance cell.
18. Canteen facility and sitting arrangements have to be improved.
Canteen facility has been improved and the canteen is now functioning in a new building more spacious and maintained in a neat and hygienic condition. A Canteen Monitoring Committee oversees the functioning.
19. Hostel facilities can be extended to the students.
Unfortunately the college does not have hostel facilities in the campus for want of space. However students are directed to occupy the Government University Hostel which is at a distance of approximately 1.5 km from the campus.

20. A bridge course can be started with reference to commerce.
Add-on course in Tourism marketing and E-ticketing have been conducted as bridge course in 2015-16.
21. Commerce laboratory can be set up.
A minor initiative in setting up a commerce lab has been taken and is attached to the computer lab of the commerce department. We plan to find more space for the lab in the building that is being constructed.
22. The Government can allocate more funds for buying equipments and books.
The college has convinced the Government about the need of funds for improving its facilities. On an average, 2.6 crores have been received per year as funds from the Government.
23. Teachers can be given greater orientation in relation to quality requirements in various matters related to the overall development of the college.
Programmes like FLAIR expose the teachers to different and improved standards in Teaching-Learning and also to cutting edge developments in national and international institutions. The ideas are introduced to the college by these teachers and it helps in the overall development of the Institution. Teachers also attend different training programmes such as OPTIMA to get awareness in both teaching and administrative matters.
24. The college can establish a Women's Forum to help the girl students.
A Women's Cell has been established in the college. Numerous counselling classes have been conducted by the cell for the benefit of girl students. The College has also established a Women Study Unit in the college campus for the women faculty, staff and girl students, to enhance understanding of issues related to women particularly, harassment against women, neglect, violation of women's rights and welfare of women students. It aims to make the college campus a safe place for girl students.
25. Some more personality development programmes have to be systematically planned.
Personality development programmes are being conducted as part of the WWS, SSP, ASAP and Career Guidance Cell of the college.
26. Some efforts can be taken to provide skill oriented training to the students.
Soft skill and special skill development programme are offered under Additional Skill Acquisition Programme (ASAP) sponsored by the Department of Higher Education, Government of Kerala. ASAP initiative is functioning well in the college.

27. More space can be given to girl students in their waiting room.
The building being constructed will have an exclusive waiting room for girls with better facilities.
28. Teachers can make more use of modern methods of teaching.
*ICT facilities and smart classrooms are available in all departments.
Modern methods of teaching are also practiced by teachers.*
29. Student feedback system may be strengthened and systematised.
Student feedback system is currently systematised.
30. Departmental associations can be established.
Departmental associations have been established and they meet periodically to assess and improve the functioning of the departments.

NOTE ITEM NO.3 OF PAGE 460 IN THE SITE
COLLEGES INCLUDED IN 2(f) AND 12B

Kerala University, Thiruvananthapuram

Name and address of the college	Status	Year of Estb.	Nature of Affiliation	Teaching Upto	Govt or Non Govt	Aided or Unaided
Government College Kariavattom, Thiruvananthapuram-695 581 Kerala	2(f)	1993	Temporary	Bachelor's	Government	
Government Engineering College, Barton Hill, Thiruvananthapuram – 695 035 Kerala	2(f)	1991	Temporary	Master's	Government	Aided
Govt. Arts College Thiruvananthapuram Dist. Thiruvananthapuram- 695 014 Kerala	2(f) and 12(B)	1948	Permanent	Bachelor's	Government	
Govt. College Nedumangadu Dist. Thiruvananthapuram- 695 541 Kerala	2(f) and 12(B)	1991	Permanent	Bachelor's	Government	
Govt. College Attingal Dist. Thiruvananthapuram- 695 101 Kerala	2(f) and 12(B)	1978	Permanent	Bachelor's	Government	
Govt. College Kariavattom Dist. Thiruvananthapuram- 695 581 Kerala	2(f) and 12(B)	1911	Permanent	Master's	Government	
Govt. College of Teacher Education Thiruvananthapuram – 695 014 Kerala	2(f) and 12(B)	1911	Permanent	Bachelor's	Government	Aided
Her Hinghness Maharani sEthu Parvathi Bai, S.S.S. College for Women Neeramankara Dist. Thiruvananthapuram- 695 040 Kerala	2(f) and 12(B)	1951	Permanent	Bachelor's	Non Government	
Iqbal College Thiruvananthapuram Dist. Thiruvananthapuram- 695 563 Kerala	2(f) and 12(B)	1964	Permanent	Bachelor's	Non Government	
K.N.M. Govt. Arts & Science College Kanjiramkulam Dist. Thiruvananthapuram - 695 524 Kerala	2(f) and 12(B)	1991	Permanent	Bachelor's	Government	



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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)

Re-Accredited by NAAC with 'A' Grade

No. Ac.BII/04/18739/16

Dated:31.03.2016

CERTIFICATE

This is to certify that the **Govt. Arts College, Thycaud, Thiruvananthapuram** is affiliated to the University of Kerala since 1948, currently offering the following Courses:

Sl. No.	Name of the programme/Course	Duration of the course	Teaching Level UG/PG	Temporary or Permanent
1	BA. Economics	3Years	UG	Permanent
2	BSc. Physics	3Years	UG	Permanent
3	BSc. Botany and Biotechnology	3Years	UG	Permanent
4	BCom (Elective -Finance)	3Years	UG	Permanent
5	MA. English	2Years	PG	Permanent
6	MA. Economics	2Years	PG	Permanent
7	MSc. Analytical Chemistry	2Years	PG	Permanent
8	MSc. Statistics	2Years	PG	Permanent
9	MCom	2Years	PG	Permanent

This certificate is issued to the Principal, **Govt. Arts College, Thycaud, Thiruvananthapuram** to produce before the NAAC.




REGISTRAR

Certificate of Compliance

(Affiliated/Constituent/Autonomous Colleges and Recognized Institutions)

This is to certify that GOVERNMENT ARTS COLLEGE (Name of the institution) fulfills all norms

1. Stipulated by the affiliating University and/or
2. Regulatory Council/Body [such as UGC, NCTE, AICTE, MCI, DCI, BCI, etc.] and
3. The affiliation and recognition [if applicable] is valid as on date.

In case the affiliation / recognition is conditional, then a detailed enclosure with regard to compliance of conditions by the institution will be sent.

It is noted that NAAC's accreditation, if granted, shall stand cancelled automatically, once the institution loses its University affiliation or Recognition by the Regulatory Council, as the case may be.

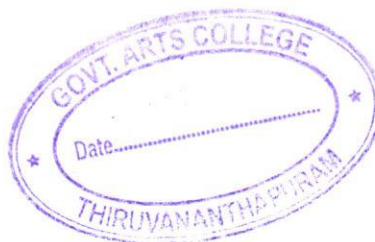
In case the undertaking submitted by the institution is found to be false then the accreditation given by NAAC is liable to be withdrawn. It is also agreeable that the undertaking given to NAAC will be displayed on the college website.

Date:

Place:

Principal/Head of the Institution

(Name and Signature with Office seal)



PRINCIPAL
Govt. Arts College
Thiruvananthapuram-14