



NSS COLLEGE, NEMMARA

Nemmara, Palakkad, Kerala - 678508

Website: www.nssnemmara.in



SELF STUDY REPORT – 2016-17

Submitted to

*National Assessment and Accreditation Council,
Bangalore.*

DETAILS OF PROGRAMMES OFFERED BY THE COLLEGE

12 UG and 3 PG

Level	Name of the Programme	Duration	Student strength			Student-Teacher Ratio
			Sanctioned	Admitted		
				M	F	
UG	B. Com	Six semesters	60 (61)	22	39	45:1
	BBA		30 (46)	17	29	30:1
	Botany		24 (35)	6	29	20:1
	Chemistry		24 (42)	12	30	20:1
	Instrumentation		24 (31)	21	10	20:1
	Mathematics		40 (46)	13	33	31:1
	Physics		20 (41)	10	31	20:1
	Zoology		24 (34)	6	28	25:1
	English		24 (39)	10	29	27:1
	History		40 (60)	17	43	40:1
	Economics		40 (60)	8	52	40:1
	Malayalam		24 (34)	8	26	24:1
PG	M.Com	Four semesters	15 (21)	5	16	10:1
	M.Sc Chemistry		12 (13)	1	12	12:1
	M.Sc Mathematics		15 (16)	1	15	6:1

DETAILS OF TEACHING STAFF (2016-17)

Sl. No:	Department	Sanctioned Post of Teachers	Associate Professor		Assistant Professor		Vacancy	Guest
			Male	Female	Male	Female		
1	Hindi	1					1	2
2	Sanskrit	1				1	-	1
3	Politics	1			1			
4	Statistics	1					1	1
5	English	6	1	1	-	4	-	2
6	Malayalam	2		1	1		-	3
7	Economics	3			2	1		1
8	History	3		1		2		
9	Botany	3		1		2		1
10	Chemistry	4				4	-	4
11	Instrumentation	4			1	2		1
12	Mathematics	8	1	1	1	3	2	2
13	Physics	4		1	1		2	2
14	Zoology	3				3	-	1
15	Commerce	13	1		3	9	-	
16	Physical Education	1			1		-	
	Total	58	3	5	11	33	6	21

FACULTY PROFILE (2016-17)

Qualification Details of Teaching Staff

Highest Qualification	Associate Professor		Assistant Professor		Total
	M	F	M	F	
<i>Permanent Teachers</i>					
Ph.D	2	3	3	8	16
M.Phil	2	3	3	6	14
PG					
<i>Temporary Teachers</i>					
Ph.D					
M.Phil			1	1	2

DETAILS OF NON-TEACHING STAFF (2016-17)

Sl. No:	Designation	Sanctioned Posts	Filled Posts		Vacancy
			Male	Female	
1	Administrative Assistant				
2	Senior Superintendent	1	1		
3	Junior Superintendent				
4	Head Accountant	1	1		
5	U.D Clerk/ Accountant	3	3		
6	L.D Clerk	3			3
7	Librarian	1			1
8	Lab/ Library Assistant	13	1		12
10	Mechanic	1	1		
11	Herbarium keeper	1	1		
12	Gasman				
13	LGS	5	4	1	
14	L.D Typist	1		1	
15	Guest- office			5	
	Total	30	12	7	16

CATEGORY-WISE DETAILS OF STUDENTS

Category	Male	Female	Total
SC	181	89	270
ST	7	7	14
OBC	127	461	588
General	192	388	580
Total	507	945	1452

YEAR-WISE STUDENT STRENGTH DETAILS

Class	Academic Year	Year	Male	Female	Total
UG	2016-17	First	145	383	528
		Second	138	326	464
		Third	103	267	370
PG		First	12	37	49
		Second	2	39	41
Total			400	1052	1452

UNIT COST OF EDUCATION

Including salary component – 32,115/-

Excluding salary component- 2514/-

ACADEMIC RESEARCH AND FACULTY
ENRICHMENT

CURRENT LIST OF PH.D. AWARDEES

Sl. No	Name of the Faculty	Department	Status (Year of Awarding/ FIP/ Ongoing)
1	Dr. G Pramod	Chemistry	2006
2	Dr. Geethakumary K.	Malayalam	2000
3.	Dr. Suja Haridas	Chemistry	2003
4	Dr. Rekha P.S.	Botany	2003
5	Dr. Rajesh R.	Physics	2008
6	Dr. Lekshmi R.Chandran	Zoology	2010
7	Dr. Lalitha K.	Mathematics	2011
8	Dr. Ambily V.K.	Chemistry	2012
9	Dr. Sindhu K.P.	Commerce	2014
10	Dr. Priya.S	Chemistry	2014
11	Dr. Jyothi Lekshmi P.	Botany	2015
12	Dr. Deepak S.S.	Physical Education	2015
13	Dr. T. Sreekumar	Commerce	2016
14	Dr Anil PV	Commerce	2017
15	Dr. Anitha P	History	Thesis submitted
16	Mrs. Nitha L.P.	Chemistry	Thesis submitted

APPROVED RESEARCH GUIDES UNDER DIFFERENT UNIVERSITIES.

	Faculty	Department	University
1	Dr. G Pramod	Chemistry	MG University
2	Dr. Geethakumari.K	Malayalam	University of Calicut
3	Dr. Suja Haridas	Chemistry	University of Calicut

FACULTY DOING PART-TIME RESEARCH			
1	Mrs. Suja P.	Sanskrit	ongoing
2	Mr. Vijesh Veugopal	Commerce	ongoing
3	Mrs. Chaithanya U.	Commerce	ongoing
4	Mrs. Resmi S.Nair	Zoology	ongoing
5	Mrs. Zereena Viji	Botany	ongoing
6	Mr. M. Madhavadas	Mathematics	ongoing
7	Mrs. Seema Menon	Zoology	ongoing
8	Mrs. Jessica Sudhir	English	ongoing
9	Mrs. Sreeja G	English	ongoing

LIST OF PUBLICATIONS BY FACULTY MEMBERS

Name of the Faculty	Department	International Journal	National Journal	Conference/ workshop/ Seminar	Edited Book with ISBN	Total
Salini V	Economics	1		1	1	3
Sanoop S	Economics		1		1	2
Thulasi K.A.	History			2		2
Dr.Jyothilakshmi P	Botany		2	1		3
Zareena Viji	Botany	1				1
Dr.Priya S	Chemistry	1				1
Rasmi S Nair	Zoology			1		1
Seema Menon	Zoology		1			1
Santhipriya G	Instrumentation	3	1			4
Dr. T.Sreekumar	Commerce	2			1	3
Dr.Sindhu K.P.	Commerce	5			1	6
	Total	13	5	5	4	27

**SEMINAR PARTICIPATION/PRESENTATION BY FACULTY
MEMBERS**

Name of the Faculty	Department	International	National	Regional	Total
Salini V	Economics	1			1
Sanoop S	Economics		1		1
Thulasi K.A.	History	1	1	2	4
Anitha P	History		1		1
Dr.Ambiliy V.K.	Chemistry		1	1	2
Dr.Priya S	Chemistry		1		1
Sangeetha C	Mathematics			1	1
Dr.Sindhu K.P.	Commerce		2		2
Vijesh Venugopal	Commerce	1		1	2
Shymala M	Commerce		3	1	4
Chaithanya U	Commerce		1		1
Jothilakshmi E	Commerce		2		2
Sreekumar P.G.	Commerce	1	1		2
Ranjini Ramachandran K	Commerce		1		1
Anjula C.S.	Commerce		1		1
Dr.Anil P.V.	Commerce		2	2	4
Sreeja G	English	1			
Dilby Pious	English	1			
	Total	6	18	8	30

MINOR PROJECT SANCTIONED DURING THE YEAR 2016-17

Title	Principal Investigator And Department	Sanctioned Amount	Starting date	Completion date
Genetic Effects of consanguinity in hospital populations of Palakkad district, Kerala	Dr. Jyothilekshmi P Department of Botany	1,25,000	6-07-2016	Ongoing

LIST OF SEMINARS/ WORKSHOP ORGANISED

Sl. No	Title	Coordinator	Department	Funding agency
1	Medicinal Plants of Kerala'	Zereena Viji	Botany	PTA
2	Two Day seminar in relation with National Science Day Celebrations-2017	Dr. Ambily V.K.	Chemistry	KSCSTE (20000/-)
3	Seminar on water conservation and sustainable rural development	Dr.Vasudevan Pillai	Physics	PTA
4	Seminar as part of World Environment Day Observance, 2016- "Sustenance 2016"	Seema Menon	Zoology	KSCSTE
5	Seminar on "Wetlands for Disaster risk reduction" as part of World Wetland Day Celebration, 2017	Rasmi S Nair	Zoology	KSCSTE

6	Lecture workshop ("Jalavichayanam") on our traditional water resources and water management In collaboration Centre for Environmental Education and Technology, Kottayam, Kerala	Seema Menon	Zoology	.
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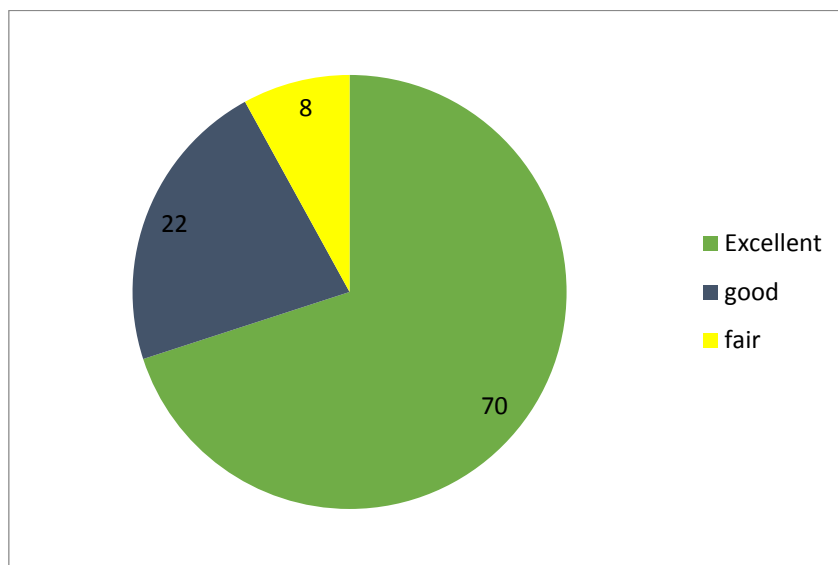
JOURNALS PUBLISHED BY THE INSTITUTION

Institution/ Department	Name of the Journal	Composition of Editorial Board	Publication Policies and	Details of Listed in any International data base
N.S.S. College, Nemmara	Edu-Vision (Yearly)	All Members of IQAC	Publishes original research papers, Abstract of Doctoral/ M.Phil. Dissertations, Reviews,etc.	Started procedures to get ISSN Number
English	The Translator (Yearly)	All Faculties of the Department	Publishes original research papers.	No
P.G. Department of Commerce and Management Studies	Vaniyam (Yearly)	Selected faculties of the Department.	Publishes original research papers, Abstract of Doctoral/ M.Phil. Dissertations, Reviews, etc. .	Started procedures to get ISSN Number

LIST OF FACULTY WHO HAVE BENEFITTED FROM THE VARIOUS TRAINING PROGRAMMES

Sl. No.	Name of Faculty	Orientation Programme	Refresher Programme	Faculty Improvement Programme	Training Workshop	Staff Training Programme	Summer/Winter School
1	Vijesh Venugopal	√					√
2	Rasmi M	√					
3	Shanthipriya	√					
4	Resmi S Nair	√					
5	Sangeetha C	√					
6	Ramya P	√					
7	Jothilakshmi E		√				
8	Dr Anil P V		√				
9	Sreeja G	√					
10	Shyamala M		√				
11	Sanalkumar S	√					

STUDENT EVALUATION OF TEACHERS



TEACHING, LEARNING AND EVALUATION

Representative chart of Components of Internal Evaluation*

	Theory		Practical	
	Component	Max Marks	Component	Max Marks
1	Attendance	5	Attendance	5
2	Test papers I and II	5+5	Skill and punctuality	4
3	Assignment	2	Laboratory record	4
4	Seminar/viva	3	Model Tests I and II	2+2
5			Viva-voce	3
	Total	20		20

Slight variations in distribution may be observed from one course to another

% of marks	Grade	Range of Grade points	Interpretation	Class
90 and above	A ⁺	5.5-6	Outstanding	First class with distinction
80- below 90	A	4.5-5.49	Excellent	
70-below 80	B	3.5-4.49	Very Good	
60-below 70	C	2.5-3.49	Good	Second class
50- below 60	D	1.5-2.49	Satisfactory	
40- below 50	E	0.5-1.49	Pass/ Adequate	
Below 40	F	0-0.49	Failure	Fail

RESULT ANALYSIS (2016-17 BATCH)

Title of the Programme	Total no. of students appeared	Division				
		Distinction %	I %	II %	III %	Pass %
B.Com	57	8	43	31	18	89
BBA	27	7	63	23	7	89
B.A Economics	39	79	21	-	-	85
B.A English	23	24	62	14	-	91
B A Malayalam	24	41	59	-	-	71
B.A History	37	5	30	48	17	61
B.Sc. Botany	23	31	42	16	12	81
B.Sc. Chemistry	21	33	53	14	-	71
B.Sc Instrumentation	24	10	85	5	-	83
B.Sc. Mathematics	37	43	57		-	58
B.Sc. Physics	16	35	43	14	8	76
B.Sc Zoology	24	5	84	11	-	79
M.Sc. Chemistry	RESULT AWAITED					
M.Sc. Mathematics						
M.Com						

INFRASTRUCTURE AND LEARNING
RESOURCES

Infrastructure Facilities for curricular and co-curricular activities

Sl.No.	Facility	Nos.	Area in Sq.m
1	Class Rooms	38	18506.45
2	Laboratories	8	9057.43
3	Seminar Hall	1	1144.00
4	Computer Centre	1	747.50
5	Central Library	1	1393.74
6	Auditorium	1	3978.00
7	Language Lab	1	250.00

Administrative area

The administrative wing, which includes the Principal's chamber and the college Office occupies an area of around 191 sq. m.

Common Amenities

Sl.No.	Facility	Nos.	Area in Sq.m
1	Toilet- Ladies and Gents	18	90
2	Girls Common Room	1	35
3	Canteen	1	80
4	Cooperative Store	1	20
5	Post Office	1	15

DETAILS OF THE COLLEGE LIBRARY

Automated with COHA Software

Sl.No.	Specification Details	Details
1	Total area of the Library	1393.74 Sq.Mts.
2	Total Seating Capacity	40
3	Working Hours (daily) fromMonday to Saturday	9am – 4.30pm
4	Working Hours During Examination Days	9am – 4.30 pm
5	Working Hours During Vacation	10 am – 4pm
6	Working hours during National holidays and Holidays as per University Calendar	NA

Details of Computers in the College

Sl.No	Location	Numbers
1	Departments	21
2	Principal Room	1
3	Office	8
4	Library	1
5	Examination Section	2
6	Main Computer Lab	12
7	Commerce Computer Lab	12
8	Language Lab	15
9	IQAC Room	1
	Total	73

Details of ICT Facilities

Sl.No	Details	
1	Computer-student ratio	1:18
2	Stand alone facility	Nil
3	LAN facility	Available
4	Licensed software	22
5	Number of nodes/ computers with Internet facility	20
6	Any other	Nil

ANNUAL BUDGET ALLOCATION

Sl. No	HEAD	Amount in lakhs
1	ICT	7.5
2	Campus Infrastructure and Facilities	8.5
3	Equipments	3.5
4	Others	5.0
TOTAL		24.5

STUDENT SUPPORT AND PROGRESSION

SCHOLARSHIPS AND FINANCIAL SUPPORT

Nature of assistance	No: of student beneficiaries
Financial support from institution	14
Financial support from government	1108
Financial support from other sources	4

DETAILS OF STUDENTS AVAILING FINANCIAL SUPPORT

YEAR	SC	ST	OBC	KPCR
2011-2012	273	12	463	271

TABLE OF SCHOLARSHIP DETAILS

Sl.No	Name of the Scholarship	2016-2017	
		Reg.	Received
1	Central Sector Scholarship	15	5
2	Post Matric Scholarship	20	10
3	Hindi Scholarship	56	
4	Sanskrit Scholarship	54	8

5	State Merit Scholarship	134	5
6	Suvarna Jubilee Merit Scholarship	32	25
7	Muslim Nadar Girl Scholarship	2	1
8	Blind/ PH Scholarship	1	1
9	Snehapoorvam Scholarship	25	24
10	Vidya Sammunathi Scholarship	15	10

STUDENT PROGRESSION

Department	Progression	2016-17
Commerce	UG to PG	29
	Employment	12
	PG to M.Phil	1
	Enterpreunership/ Self employed	7
Economics	UG to PG	40
	Employment	60
English	UG to PG	65
	Employment	20
	Enterpreunership/ Self employed	15
Malayalam	UG to PG	42
History	UG to PG	10
	Employment	10
Botany	UG to PG	31
	Employment	7
Chemistry	UG to PG	24
	PG to M.Phil	9

	Employment	10
Instrumentation	UG to PG	8.3
	Employment	-
Mathematics	UG to PG	50
	Employment	-
Physics	UG to PG	37
	Employment	
	Entrepreneurship/Self employed	12
Zoology	UG to PG	25
	UG to B.Ed	8
	Employment	0
	Entrepreneurship/ Self employed	8

ACHIEVEMENTS IN SPORTS

S.No	Name	Class	Achievement
1	Praveena.D	2 nd Botany	*1 st Position in under 46 kg category in Calicut University Taekwondo Championship and participated in the All India Inter University Taekwondo Championship held at MD University Haryana. * 1 st position in the Senior State Taekwondo Championship
2	Aiswarya.V	1 st Economics	*1 st Position in under 49 kg category in Calicut University Taekwondo Championship and participated in the All India Inter University Taekwondo Championship held at MD University Haryana. * 1 st position in the Senior State Taekwondo Championship
3	Dinesh Kumar	1 st BBA	*1 st Position in under 73 kg category in Calicut University Taekwondo Championship and participated in the All India Inter University Taekwondo Championship held at MD University Haryana.

			*1 ST Position in under 73 kg category in Kerala State Senior Taekwondo Championship
4	Ragi.R	2 nd Chemistry	*1 ST Position in 200mts, 400mts and 800 mts in state keralolsavam 2016-17 and secured the individual championship in women section
5	Mohammad Anfal	I Zoology	Participated in the Calicut University Wrestling Championship
6	Jyothish	I Physics	Participated in the Calicut University Boxing Championship
7	Karthik.A.R	2 nd Maths	*Selected as Mr Palakkad in the palakkad District body building Championship
8	Sudheesh.C	I History	Selected in the Kerala youth volleyball state championship
9	Abhishek	I Bcom	Selected in the Kerala youth volleyball state championship
10	Akash	I Chemistry	Selected in the Kerala Junior volleyball state championship
11	Stalin.D	I Malayalam	Selected in the Kerala Junior volleyball state championship
12	Vipin	III Instrumentation	Selected in the senior state basketball championship Participated in the NBA camp held at Trivandrum
13	Siddique Shameer	II Economics	Selected in the senior state basketball championship
14	Taekwondo Men Team		3 rd Position in Overall point in the Calicut Univeristy Taekwondo Championship
15	Volleyball Team	12 members	Runner Up of Calicut University C-Zone Volleyball Championship
16	Basketball Team	12 members	Played Semi Final in Calicut University C-Zone Basketball Championship
17	Cricket Team	16 members	Played the quarter finals in the C-Zone Cricket Championship
18	Judo Team	2 members	Participated in the Calicut University Interzone Judo Championship

19	Wrestling Team	2 members	Participated in the Calicut University Interzone Wrestling Championship
20	Athletics Team	4 members	Participated in the Calicut University Interzone Athletics Championship

ACHIEVEMENTS IN ARTS

S.No	Name	Achievement
1	Anantha padmakumar	Third position – Sanskrit Essay writing in inter zone competition First position - Sanskrit Essay writing First position –Sanskrit Versification Second position- elocution in Sanskrit
2	Ajay Krishna	Second Position – elocution in hindi
3	K. Akshaya Gopalakrishnan o	Second position- folk dance
4	Jumna Haneefa	Third position- story Writing (Arabic)
5	Rithunanda. B	Third position - story Writing (Malayalam)
6	Sruthi S &Team	Third position- Dhesha bhakthiganam

DEPARTMENT PROFILES

DEPARTMENT OF ENGLISH

1	Name of the Department		English		
2	Year of Establishment		1967		
3	Name of Programmes/courses offered		B.A English Language and Literature		
4	Names of interdisciplinary courses and Departments involved		Social and Cultural History of Britain (Department of History) Common course (For All departments)		
5	Annual/Semester/Choice based credit system		Choice Based Credit System		
6	Participation of the Department in the courses offered by other Departments		Journalism (Department of Journalism) Open course in fifth semester		
7	Courses in collaboration with other Universities, industries, foreign institutions etc		Nil		
8	Details of courses/programmes discontinued		Nil		
9	No: of teaching posts sanctioned/filled				
	Sanctioned		Filled		Guest
	6		6		2
10	Faculty Profile				
	Name	Qualification	Designation	Specialisation	Experience
1	V Devidasan	M A, PGDJ	Asso. Prof and HOD	Language and literature	30 Yrs
2	Jayashree Tampi R	M.A,M Phil, NET	Asso. Prof	Language and literature	20 Yrs
3	Sreeja G	M.A, B. Ed, MHRM,NET	Asst. Prof	Language and literature	8 Yrs

4	Anupama V	M.A, NET	Asst. Prof	Language and literature	8 Yrs
5	Roshi K Das	M.A, B. Ed NET	Asst. Prof	Language and literature	4 Yrs
6	Jessica Sudhir M	M.A, M.Phil, NET,JRF	Asst. Prof	Language and literature	4 Yrs
7	Bhuvana.K	M.A, NET	Guest	Language and literature	6 Yrs
8	Dilby Pious.C	M.A, B.Ed,SET	Guest	Language and literature	4 Yrs
11	List of senior visiting faculty				Nil
12	Percentage of lectures delivered and practical classes handled (programme- wise by temporary faculty				
	Year	Percentage			
	2016-17	7			
13	Student-teacher ratio			12:1 (Core Course) 86:1 (Common Course)	
14	No: of academic support (technical) /administrative staff			NIL	
15	Number of teaching faculty with M.Phil/PhD			M.Phil: 2 Ph.D: Nil	
16	Number of faculty with projects from National/ International funding agencies and grant received			National: Nil International: Nil	
17	Departmental projects funded by DST-FIST, UGC, DBT, ICSSR etc.			NIL	
18	Research Centre/facility recognized by the University			Nil	
19	Publication Details		Journals: 1 Conference Proceedings:1 Books :1		
Peer Reviewed Journals					

	<i>Title/Journal/ Conference proceedings</i>	<i>National/International</i>
Non-Peer Reviewed Journals		
	<i>Title/Journal/ Conference proceedings</i>	<i>National/International</i>
Books		
	<i>Title</i>	<i>ISBN No:</i>
20	Areas of consultancy and amount generated	Translation (free consultancy)
21	Faculty as members in National/International Committees Editorial Boards	Nil
22	Student Projects:	
	% of Students who have done in-house / inter-departmental projects	UG 100%
23	Awards/Recognitions received by faculty/ students	
	Name	Faculty/Student
	Divyamol.M	Student
		First in Volleyball match by State Volleyball association
	Abhilash.M	Student
		First in Intercollege Basket ball match
24	List of eminent academicians and scientists/ visitors to the Department	
	Academician/ Scientist	Occasion
	1. Dr. Syamala (Asst. Prof, Dept of English, Mercy College, Palakkad)	Expert Talk
	2. Dr. Kishore Ram (Asst. Prof, Dept. of English, NSS College, Kottiyam)	Seminar on Film Studies

25	Seminars/ Conferences/ Workshops organized and the source of funding						Nil
26	Student Profile Programme/Course wise						
	Name of Programme	Year	Application received	Selected	Enrolled		Pass (%)
					Male	Female	
	B.A	2016-17	CAP	39	10	29	91
27	Diversity of Students						
	Name of Programme	Year	% of students				
			From same state	Other states	Abroad		
	B.A English	2016-17	100	-	-		
28	Number of students who cleared national and state level competitive examinations (NET, SLET/ GATE/ Civil services/ Defense services/ PSC/UPSC)						
	SLET			4			
	Others			5			
29	Student progression Percentage of students progressing to higher education or employment						
	UG to PG	PG to M.Phil	Employed	Entrepreneurship/ Self employment			
	65%		20%	15%			
30	Details of Infrastructural facilities (Library/ ICT/ Laboratory/ Instrumentation)						
	1) Departmental Library						
	2) Air Conditioned Digital Language Lab (1 Teacher console and 14 student consoles and 5 KVA Inverter						
	3) LCD Projector						
	4) Computer with Internet Facility and LAN						
31	Number of students receiving financial assistance from college/ University/ Government or other agencies						
	Year			No: of Students			
	2016-17			45			

32	Details on Student Enrichment Programmes		
	<i>Year</i>	<i>Programme</i>	<i>Experts</i>
	2016-17	Class on film review	Dr.Kishore Ram, Asst. Professor, Dept of English, N.S.S.College, Kottiyam
33	Teaching Methods to improve student learning <ul style="list-style-type: none"> 1. Use of Digital Language Lab 2. Peer Teaching 3. Group Teaching 		
34	Participation in institutional social responsibility and extension activities <ul style="list-style-type: none"> 1. Some of our students took English grammar classes to the students of nearby schools (VIMHSS, Pallassana, Devaki Memorial LP School, Elevanchery) 2. Visit to Old Age Home run by Pavithratha Charitable Trust and supply of clothings to inmates 3. Visit to Daivadan Centre(Old Age Home, Mangalam Palam) and supply of rice collected by students 		
35	SWOT Analysis of the Department and Future Plans <p><i>Strength</i></p> <ul style="list-style-type: none"> 1) Full- Fledged Air Conditioned Digital Language Lab Sponsored by UGC 2) Dedicated Teaching Faculty 3) Unstinting Support of PTA 4) Reasonably Good Departmental and General Library <p><i>Weakness</i></p> <ul style="list-style-type: none"> 1) Lack of Infrastructural Facilities 2) Located in an economically and socially backward area 3) Lack of adequate transport facilities <p><i>Opportunity</i></p> <ul style="list-style-type: none"> 1) Less number of higher education institutions in the locality 		

- 2) Better access for SC/ST Students from from tribal areas of Nelliampathy and Ayaloor Panchayaths

Threats

- 1) The Problem in mobilizing funds due to the extreme backwardness of the region
- 2) Reticence to communicate in English.

DEPARTMENT OF MALAYALAM

1	Name of the Department		MALAYALAM		
2	Year of Establishment		1971, UG in 2014		
3	Name of Programmes/courses offered		UG		
4	Names of interdisciplinary courses and Departments involved		Open course and Common Course for all departments		
5	Annual/Semester/Choice based credit system		Choice based Credit System		
6	Participation of the Department in the courses offered by other Departments		English Common Course, Sanskrit as complementary course, Open course in fifth semester		
7	Courses in collaboration with other Universities, industries, foreign institutions etc		Nil		
8	Details of courses/programmes discontinued		Nil		
9	No: of teaching posts sanctioned/filled				
	Sanctioned	Filled	Guest		
	2	2	3		
10	Faculty Profile				
	Name	Qualification	Designation	Specialisation	Experience
	Dr.Geethakumary.K	M.A, B.Ed, M.Phil, Ph.D, NET	Associate Professor	Folklore	22 years
	Sri. Murukesh. S	M.A , B.Ed M.Phil, NET	Asst. Professor	Ancient Literature	3 years
	Sri. Dileep Kumar V.M	M.A , B.Ed M.Phil, NET	Guest Lecturer	Drama	1 year
	Smt. Leena.S	M.A , B.Ed NET, SET	Guest Lecturer	Translation	1 year
	Smt. Baby.K	M.A , B.Ed NET	Guest Lecturer	Prose	3 years

11	List of senior visiting faculty	Nil
12	Percentage of lectures delivered and practical classes handled (programme wise by temporary faculty	
	Year	Percentage
	2016-17	57 %
13	Student-teacher ratio	UG- 91:3
14	No: of academic support (technical) /administrative staff	Nil
15	Number of teaching faculty with M.Phil/PhD	M.Phil-2 Ph.D-1
16	Number of faculty with projects from National/ International funding agencies and grant received	National: International: Nil
17	Departmental projects funded by DST-FIST, UGC, DBT, ICSSR etc.	Nil
18	Research Centre/facility recognized by the University	Nil

19	Publication Details	Nil	
20	Areas of consultancy and amount generated	Nil	
21	Faculty as members in National/International Committees/ Editorial Board		
	Name of Faculty	Committee/Board	
	Dr.Geethakumary.K	Subject Expert- Kerala Public Service Commission.	
22	Student Projects:		
	% of Students who have done in-house / inter-departmental programme	UG 100 %	
23	Awards/Recognitions received by faculty/ students		
	Name	Faculty/Student	Award/Recognition
	Athira.A	Student	Taekwondo
	Reeshma.B	Student	Volley Ball
	Stalin.D	Student	Volley Ball, Mimicry

24	List of eminent academicians and scientists/ visitors to the Department						
	Academician/ Scientist					Occasion	
	Dr. Jayaprakash- Former Principal-NSS College - Ottappalam					Regional Seminar	
	Sri. Mohanakrishnan Kalady- Modern Poet					Regional Seminar	
25	Seminars/ Conferences/ Workshops organized and the source of funding					Nil	
26	Student Profile Programme/Course wise						
	Name of Programme	Year	Application received	Selected	Enrolled		Pass (%)
					Male	Female	
	B.A MALAYALAM	2016-17	CAP	34	08	26	71
27	Diversity of Students						
	<i>Name of Programme</i>	<i>Year</i>	<i>% of students</i>				
			<i>From same state</i>	<i>Other states</i>	<i>Abroad</i>		
	B.A MALAYALAM	2016-17	100 %				
28	Number of students who cleared national and state level competitive examinations (NET, SLET/ GATE/ Civil services/ Defense services/ PSC/UPSC)					Nil	
29	Student progression Percentage of students progressing to higher education or employment						
	UG to PG			42 %			
30	Details of Infrastructural facilities (Library/ ICT/ Laboratory/ Instrumentation) Department is equipped with a computer and printer						
31	Number of students receiving financial assistance from college/ University/ Government or other agencies						
	<i>Year</i>			<i>No: of Students</i>			
	2016-17			32			
32	Details on Student Enrichment Programmes						

	<i>Year</i>	<i>Programme</i>	<i>Experts</i>
	2016-17	Chinga Pulari & Karshakadinacharanam	Dr.Jayaprakash-Former Principal – NSS College-Ottapalam.
		Kerala Piravi Dinaghosham	Sri.Mohana Krishnan Kalady- Eminent Modern Malayalam poet.
		Release of Departmental Magazine-Neeharam	Dr.G.Pramod-Principal- NSS College – Nenmara.
33	<p>Teaching Methods to improve student learning</p> <p>Conducting special lecturers and workshop frequently by well-known scholars. Learning outcome monitored by periodical sessional test, assignments and seminars and quiz programmes. Tutorial system, peer group learning and remedial teaching. Documentaries and films related to syllabus are shown to students as part of teaching.</p>		
34	<p>Participation in institutional social responsibility and extension activities</p> <p>Many of the students are active members of NSS & NCC and participated in social services. Teaching faculty also participated and chaired a session in UGC National Seminar conducted by St.Mary’s College -Thrissur.</p>		
35	<p>SWOC Analysis of the Department and Future Plans</p> <p>Strength:-</p> <ul style="list-style-type: none"> • First UG Department from Oriental Language. • Good academic atmosphere and vibrant students. • Supportive parents • Department conducted two day UGC National Seminar with in two year of its establishment. • Release of hand written departmental magazine regularly. <p>Weakness:-</p> <ul style="list-style-type: none"> • Vacancies to be filled by permanent faculty. • Lack of Post Graduate course for students. • Lack of better infrastructure. <p>Opportunities:-</p>		

- Potential to become a center for excellence in Malayalam studies.
- More employment opportunities availing for the student (PSC exam)
- Inculcate research attitude among students.

Challenges:-

- Motivate the students to score high marks in UG exam and pave a path for higher studies with in available resource.
- Conduct International Seminar, Workshop and avail Major Research Project.
- Make the Department as a center for excellence in Malayalam Language and Literature.

DEPARTMENT OF SANSKRIT

1	Name of the Department		Sanskrit		
2	Year of Establishment		1971-1972		
3	Name of Programmes/courses offered		UG-Common course, Complementary course for Malayalam		
4	Names of interdisciplinary courses and Departments involved		BA/BSc, Commerce, Instrumentation, BA Malayalam		
6	Participation of the Department in the courses offered by other Departments		NA		
7	Courses in collaboration with other Universities, industries, foreign institutions etc		Nil		
8	Details of courses/programmes discontinued		Nil		
9	No: of teaching posts sanctioned/filled				
	Sanctioned	Filled	Guest/		
	One	One	One		
10	Faculty Profile				
	Name	Qualification	Designation	Specialisation	Experience
	Suja P	MA/BEd/NET/SET	Asst. Professor	Sanskrit Sahithya	6Yrs
	Shebeena S	MA/BEd	Guest Lecturer	Sanskrit Sahithya	1Yr
11	List of senior visiting faculty				Nil
12	Percentage of lectures delivered and practical classes handled (programme wise by temporary faculty)				
	Year	Percentage			
	2016-17	36%			
13	Student-teacher ratio		UG- I st BA/ BSc 1:22, II nd BA/BSc 1:20, B Com/BBA 1:12, BSc		

		Instrumentation 1:2, BA Malayalam 1:33,
14	No: of academic support (technical) /administrative staff	Nil
15	Number of teaching faculty with M.Phil/PhD	Nil
16	Number of faculty with projects from National/ International funding agencies and grant received	National: Nil International: Nil
17	Departmental projects funded by DST-FIST, UGC, DBT, ICSSR etc.	Nil
18	Research Centre/facility recognized by the University	Nil
19	Publication Details	Nil
20	Areas of consultancy and amount generated	Nil
21	Faculty as members in National/International Committees Editorial Boards	
	<i>Name of Faculty</i>	<i>Committee/Board</i>
	Suja P	Question paper setting, Member in Syllabus restructure under CALICUT University
22	Student Projects:	
	% of Students who have done in-house / inter- departmental programme	NA
23	Awards/Recognitions received by faculty/ students	
	Name	Faculty/Student
	Suja P	Faculty
	Ananda padmanabhan	Student
		Award (First prize in District level Ramayana Parayanam in Malayala Manorama) A zone winner in Sanskrit Essay writing story writing, versification and Elocution

24	List of eminent academicians and scientists/ visitors to the Department	
	Academician	Occasion
	Dr. E Jayan	A motivation class for students, Club inauguration day
25	Seminars/ Conferences/ Workshops organized and the source of funding	Nil
26	Student Profile Programme/Course wise	NA
27	Diversity of Students	NA
28	Number of students who cleared national and state level competitive examinations (NET, SLET/ GATE/ Civil services/ Defense services/ PSC/UPSC)	NA
29	Student progression Percentage of students progressing to higher education or employment	NA
30	Details of Infrastructural facilities (Library/ ICT/ Laboratory/ Instrumentation) General Library, Centralised Computer lab	
31	Number of students receiving financial assistance from college/ University/ Government or other agencies	NA
32	Details on Student Enrichment Programmes During the academic year 2016-17, the Sanskrit club was Inaugurated and a hand written Magazine "Nirsarani" was published followed by students stage program.	
33	Teaching Methods to improve student learning <ul style="list-style-type: none"> • Lecture classes, group discussion and debates • Assignments and projects to supplement classroom lectures. • Sloga chanting of kavya literature. • Remedial teaching • Conduct of seminar and invited talks by eminent persons. • Peer teaching 	
34	Participation in institutional social responsibility and extension activities	
35	SWOC Analysis of the Department and Future Plans	

STRENGTH

1. Well qualified teaching faculty.
2. Healthy student-teacher relationship. Look
3. Socially responsible students and faculties.
4. Commendable discipline among students.

WEAKNESS

1. Low economic and social background.
2. Low literacy legal in the locality.
3. Admission to non-sanskrit students in common course.

OPPORTUNITIES

1. High demand for Sanskrit graduates and post graduates.
2. Students have higher opportunities for admission in MA Courses.
3. High scope for academic progression BA to Phd.

CHALLENGES

1. In organized semester system-un scientific university schedule leads to unsatisfactory coverage of syllabus.
2. Unsystematic organization university exams.
3. Lack of depth in knowledge because of time crunch.
4. Delay in exam results.
5. Transportation facility is inadequate.

DEPARTMENT OF ECONOMICS

1	Name of the Department		ECONOMICS		
2	Year of Establishment		1967		
3	Name of Programmes/courses offered		UG-ECONOMICS		
4	Names of interdisciplinary courses and Departments involved				
5	Annual/Semester/Choice based credit system		Choice based Credit System		
6	Participation of the Department in the courses offered by other Departments		Complementary course: History, Political science Open course by other depts.		
7	Courses in collaboration with other Universities, industries, foreign institutions etc		Nil		
8	Details of courses/programmes discontinued		Nil		
9	No: of teaching posts sanctioned/filled				
	Sanctioned	Filled	Guest/		
	3	3	1		
10	Faculty Profile				
	Name	Qualification	Designation	Specialisation	Experience
	P SURESH BABU	MA, M Phil, NET	ASST.PROF	AGRICULTURE ECONOMICS	13
	SALINI V	MA, BEd, NET	ASST.PROF	URBAN ECONOMICS	11
	SANOOP S	MA, NET	ASST.PROF	INDUSTRIAL ECONOMICS	6
11	List of senior visiting faculty				Nil
12	Percentage of lectures delivered and practical classes handled (programme wise by temporary faculty)				
	Year	Percentage			
	2016-17	30			
13	Student-teacher ratio		UG-40:1		

14	No: of academic support (technical) /administrative staff	Nil
15	Number of teaching faculty with M.Phil/PhD	M.Phil: 1
16	Number of faculty with projects from National/ International funding agencies and grant received	Nil
17	Departmental projects funded by DST-FIST, UGC, DBT, ICSSR etc.	Nil
18	Research Centre/facility recognized by the University	Nil
19	Publication Details	
Peer Reviewed Journals		
	<i>Title/Journal/ Conference proceedings</i>	<i>National/International</i>
1	SALINI V “The Economic Impact of Urban Agglomeration in Kerala” (2017) Singularity, MESMAC International Conference, Vol. Issue 2, MES Mampad College, pp.367-373.	INTERNATIONAL
2	SANOOP. S “Micro, Small & Medium enterprises in Kerala, Growth, Prospects & Problems” Social Science in Perspective, Vol.9, No.2, April-June 2017	NATIONAL
Books		
	<i>Title</i>	<i>ISBN No:</i>
1	SALINI V “A Future perspective of Rural-urban disparities in Kerala” edited book by Dr.Ramya R & Dr.B. Pradeep Kumar, Scholar publications, Assam	Coming in September 2017.
2	SANOOP. S Women education in India: Challenges and prospects”, Women –Awakening to the epitome of power (ISBN 978-81-8387739-8), page: 370, edition 2016, Serial publications Pvt. Ltd, New Delhi	ISBN 978-81-8387739-8

20	Areas of consultancy and amount generated					Nil	
21	Faculty as members in National/International Committees Editorial Boards						
	<i>Name of Faculty</i>			<i>Committee/Board</i>			
	P SURESH BABU			DEPUTED AS MANAGING DIRECTOR OF KERALA AGRO INDUSTRIES DEVELOPMENT CORPORATION (1 year on deputation basis)			
22	Student Projects:						
	% of Students who have done in-house / inter-departmental programme					100 %	
23	Awards/Recognitions received by faculty/ students						
	Name		Faculty/Student		Award/Recognition		
24	List of eminent academicians and scientists/ visitors to the Department						
	Academician/ Scientist				Occasion		
	Dr. K.V. Ramachandran (Associate Professor, Dr. John Matthai Centre, Aranattukkara, Thrissur) (2016-17)				Planning in India, Talk on Urbanization in Kerala		
25	Seminars/ Conferences/ Workshops organized and the source of funding					Nil	
26	Student Profile Programme/Course wise						
	Name of Programme	Year	Application received	Selected	Enrolled		Pass (%)
					Male	Female	
		2016-17	CAP	60	8	52	85
28	Number of students who cleared national and state level competitive examinations (NET, SLET/ GATE/ Civil services/ Defense services/ PSC/UPSC)						
	UPSC	1 (2016-17)		PSC	2 (2016-17)		
	Defense services	5		Others	14 (2016-17)		
29	Student progression Percentage of students progressing to higher education or employment						

	UG to PG	Employed	
	40%	84%	
30	Details of Infrastructural facilities (Library/ ICT/ Laboratory/ Instrumentation) Common computer lab, library		
31	Number of students receiving financial assistance from college/ University/ Government or other agencies		
	<i>Year</i>	<i>No: of Students</i>	
	2016-17	150	
32	Details on Student Enrichment Programmes		
	<i>Year</i>	<i>Programme</i>	<i>Experts</i>
	2016-17	Lecture on “Urbanization and Employment in Kerala” EXTENSION ACTIVITY (Economics and Environment Centre, DFO, Nemmara) VALUE ADDED COURSE (Environment Economics with special reference to Organic Farming)	Dr. K V Ramachandran
33	Teaching Methods to improve student learning		
	<ul style="list-style-type: none"> • <i>Recalling prior material.</i> The students may be given one minute to list as many points as they can recall about the previous lecture or about a specific topic covered in an assigned reading. • <i>Responding to questions.</i> Any questions faculty would normally ask in class can be directed to groups. In most classes—especially large ones—very few students are willing to volunteer answers to questions, even if they know the answers. When the questions are directed to small groups, most students will attempt to come up with answers and the instructor will get as many responses as he or she wants. 		

- *Problem solving.* A large problem can always be broken into a series of steps, such as paraphrasing the problem statement, sketching a schematic or flow chart, predicting a solution, writing the relevant equations, solving them or outlining a solution procedure, and checking and/or interpreting the solution. When working through a problem in class, the instructor may complete some steps and ask the student groups to attempt others. The groups should generally be given enough time to think about what they have been asked to do and begin formulating a response but not necessarily enough to reach closure.
- *Explaining written material.* TAPPS (thinking-aloud pair problem solving) is a powerful activity for helping students understand a body of material. The students are put in pairs and given a text passage or a worked-out derivation or problem solution. An arbitrarily designated member of each pair explains each statement or calculation, and the explainer's partner asks for clarification if anything is unclear, giving hints if necessary. After about five minutes, the faculty calls on one or two pairs to summarize their explanations up to a point in the text, and the students reverse roles within their pairs and continue from that point.
- *Analytical, critical, and creative thinking.* The students may be asked to list assumptions, problems, errors, or ethical dilemmas in a case study or design; explain a technical concept in contemporary economic scenario; find the logical flaw in an argument; predict the outcome of an experiment or explain an observed outcome in terms of course concepts; or choose from among alternative answers or designs or models or strategies and justify the choice made. The more practice and feedback the students get in the types of thinking the faculty wants them to master, the more likely they are to develop the requisite skills.
- *Generating questions and summarizing.* The students may be given a minute to come up with two good questions about the preceding lecture segment or to summarize the major points in the lecture just concluded.

34	<p>Participation in institutional social responsibility and extension activities</p> <p>The students and teachers of the department is encouraged to participate in extension activities by giving them the necessary motivation to attend orientation programmes classes and talks held within the college and in other institutions. The teachers of the department regularly engage classes in a well planned manner. P Suresh Babu, Assistant professor of this department conducted a talk on “Social Development works for students”, at SN College Alathur</p>
35	<p>SWOC Analysis of the Department and Future Plans</p> <p>STRENGTH</p> <ul style="list-style-type: none"> ➤ Dedicated and efficient Faculty Members ➤ The Department Presents very good Academic results with more than 95% pass in University Exams <p>WEAKNESS</p> <ul style="list-style-type: none"> ➤ Lack of adequate Class rooms with appropriate facilities ➤ Lack of ICT facilities in the department <p>OPPORTUNITIES</p> <ul style="list-style-type: none"> ➤ There are wide range of opportunities for economic graduates for higher studies like M.A, M.B.A, C.A. e.t.c ➤ The Employment opportunities are also vast in the Government Sectors, Quasi-government and private sectors. <p>CHALLENGES</p> <ul style="list-style-type: none"> ➤ Due to the lack of post graduate programme in the Department, we are losing career oriented students as they are interested in UG-PG continuous programmes. <p>FUTURE PLANS OF THE DEPARTMENT</p>

- Introducing Certificates Courses. For example:- for P.G. Diploma in Banking, Foreign trade and NET coaching classes also.
- Enhancing the department to Post graduate level & research facilities.
- Emphasis on undertaking more Major/ minor projects & talks/ seminars.

DEPARTMENT OF HISTORY

1	Name of the Department	HISTORY
2	Year of Establishment	1967
3	Name of Programmes/courses offered	UG-History
4	Names of interdisciplinary courses and Departments involved	Complementary course- Economics, English Open course- All Departments
5	Annual/Semester/Choice based credit system	Choice based Credit System
6	Participation of the Department in the courses offered by other Departments	All Departments-Open course Common course- English, Malayalam, Hindi, Sanskrit
7	Courses in collaboration with other Universities, industries, foreign institutions etc	Nil
8	Details of courses/programmes discontinued	Nil
9	No: of teaching posts sanctioned/filled	
	Sanctioned	Filled
	3	3
		Guest/
		1

10	Faculty Profile			
	Name	Qualification	Designation	Experience
1.	Rajalakshmy.M	MA, M. Ed	Associate Professor	26 Years
2	Smt K.A Thulasi	MA, NET	Assistant Professor	13 years
3.	Smt Anitha.P	MA, M Phil, NET	Assistant Professor	12 Years
4.	Smt Beenu P	MA, NET	Guest	-

11	List of senior visiting faculty	Nil
12	Percentage of lectures delivered and practical classes handled (programme wise by temporary faculty)	
	Year	2016-17

	Percentage	31%
13	Student-teacher ratio	UG-40:1
14	No: of academic support (technical) /administrative staff	Nil
15	Number of teaching faculty with M.Phil /PhD	M. Phil -1
16	Number of faculty with projects from National/ International funding agencies and grant received	Nil
17	Departmental projects funded by DST-FIST, UGC, DBT, ICSSR etc.	Nil
18	Research Centre/facility recognized by the University	Nil
19	Publication Details	
	<i>Title/Journal/ Conference proceedings</i>	<i>National/ International Regional</i>
1	“Women Empowerment through value education” published by Kerala State Women’s Commission, 2016	<i>Regional</i>
2	“Importance of Warm Relationships in Families” published by Kerala State Women’s Commission, 2016	<i>Regional</i>
6	Seminars attended	
1	K.A Thulasi, International Seminar on Archaeology at M E S College, Mannarkkad, Sept 3 rd and 4 th 2016	<i>International</i>
2	K.A Thulasi, National Seminar on Archaeology at Covt Victoria College, Palakkad, March 2017	<i>National</i>
3	Anitha P National Seminar on Archaeology at Covt Victoria College, Palakkad, March 2017	<i>International</i>
20	Areas of consultancy and amount generated	Free Family and Student counselling
21	Faculty as members in National/International Committees/ Editorial Boards	Nil
22	Student Projects:	
	% of Students who have done in-house / inter-departmental programme	100%
23	Awards/Recognitions received by faculty/ students:	Nil
24	List of eminent academicians and scientists/ visitors to the Department	
	Academician/ Scientist	Occasion
1.	Sri Babu, Inspector, Excise Dept, Nemmara Range	Observation of Anti Narcotics Day

2.	Radhakrishna Pillai, Civil Excise Officer,	Lecture on Drug abuse					
25	Seminars/ Conferences/ Workshops organized and the source of funding: Nil						
26	Student Profile Programme/Course wise						
	Name of Programme	Year	Application received	Selected	Enrolled		Pass (%)
					Male	Female	
	BA History	2016-17	CAP	60	17	43	
27	Diversity of Students						
	<i>Name of Programme</i>	<i>Year</i>	<i>% of students</i>				
			<i>From same state</i>	<i>Other states</i>	<i>Abroad</i>		
	BA History	2016-17	100				
28	Number of students who cleared national and state level competitive examinations (NET, SLET/ GATE/ Civil services/ Defense services/ PSC/UPSC)						
	Defense services			2			
	PSC			1			
	UPSC			1			
29	Student progression Percentage of students progressing to higher education or employment						
	UG to PG						10
	Employed						10
30	Details of infrastructural facilities (Library/ ICT/ Laboratory/Instrumentation)						
	One Staffroom and two class rooms, computer, Printer						
31	Number of students receiving financial assistance from college/ University/ Government or other agencies						
	<i>Year</i>	2016-17					
	<i>No: of Students</i>	141					
32	Details on Student Enrichment Programmes						
	Tree Planting in connection with World Environment Day						
	Legal Awareness Class for UG Students						
	Women Empowerment lecture						
	Essay and Elocution Competition in Connection with Independence Day Celebration						
	Observed Quit India Day, Hiroshima Nagasaki Day						

	Cultural Programmes in connection with Onam Celebrations
	Gandhi Jayanthi Celebrations
	Distribution of Law Books in association with KELSA
	Essay Competition in Connection with Childrens Day
	Aids awareness Class
	Elocution competition in connection with Republic Day Celebrations
	Talk on Swami Vivekananda on January 12 th 2017
	Cultural Exchange Programme- Two Yoga Instructors from France led the demonstration class
	Awareness programme in connection with Womens day Celebration- “Cyber Crime and IT act”
33	Teaching Methods to improve student learning <ul style="list-style-type: none"> 1. Power point presentation 2. Article Reviews 3. Book Reviews 4. Visit to local self governing bodies 5. IT Classes 6. Discussion 7. Debate 8. Seminars 9. Lecturing 10. Giving Projects on Local History
34	Participation in institutional social responsibility and extension activities <ul style="list-style-type: none"> 1. Anti-narcotic campaign 2. Traffic awareness programme 3. Women empowerment programme. 4. Legal awareness programme. 5. Human rights awareness programme
35	SWOC Analysis of the Department and Future Plans Strength

- Talented Students.
- Due to the social and economic background of the location of the college students belonging to scheduled castes and scheduled tribes getting ample opportunities to advance their higher education aims.
- Eminent teachers with a vision and a mission to mould their personalities.
- Supportive Management and Parents.
- Wall Magazine to display student's creativity in literary and artistic fields.
- Imparting legal awareness on women security and empowerment.
- Study tours to historical sites to know more about local history. Our policy is strictly based on Gender equality.

Weakness

- Lack of PG course.
- Lack of infrastructure facilities.
- Lack of archaeological museum

Opportunities

- Empower students to appear in all competitive examinations like UPSC and PSC
- Creating social awareness and patriotic feeling among the students. Inculcating humane values, giving a thrust to community development activities.
- Developing research attitude among the students and thereby converting this department into a center of excellence.

Challenges

- Compared to other subjects, we are getting low input. Our challenge is to make them equal with all other subjects.
- Regional backwardness: Low literacy rate in our locality concerning the parents of our students is a major obstacle.

Future Plans

- To become a PG department.
- To start a historical museum

➤ To organize National, International seminars and workshops.

DEPARTMENT OF BOTANY

1	Name of the Department		Botany		
2	Year of Establishment		1967		
3	Name of Programmes/courses offered		UG- B.Sc Botany		
4	Names of interdisciplinary courses and Departments involved		Complementary course for B Sc Zoology Open course for all Departments		
5	Annual/Semester/Choice based credit system		Choice based Credit System		
6	Participation of the Department in the courses offered by other Departments		Common course and Open course		
7	Courses in collaboration with other Universities, industries, foreign institutions etc		Nil		
8	Details of courses/programmes discontinued		Nil		
9	No: of teaching posts sanctioned/filled				
	Sanctioned	Filled	Guest/		
	3	3	1		
10	Faculty Profile				
	Name	Qualification	Designation	Specialisation	Experience
1	Dr.Jyothilekshmi.P	MSc, B.Ed, MPhil, PhD	Associate Professor	Population Genetics	21 years
2	Mrs. ZereenaViji	MSc, B.Ed, MPhil	Assistant Professor		7 years
3	Dr. Rekha.P.S.	MSc, PhD	Assistant Professor	Biochemistry	7 years
4	Ms.Ambika.V	MSc	Guest Lecturer		

11	List of senior visiting faculty	Nil			
12	Percentage of lectures delivered and practical classes handled (programme wise by temporary faculty)				
	Year	Percentage			
	2016-17	Lecture 13%			
		Practical 21.8%			
13	Student-teacher ratio	UG- 20:1			
14	No: of academic support technical staff	1			
15	Number of teaching faculty with M.Phil/PhD	M.Phil- 1 Ph.D- 2			
16	Number of faculty with projects from National/ International funding agencies and grant received	National: 1 International: Nil			
	Principal Investigator	Funding agency	Grant	Status	Duration
	Dr. Jyothilekshmi.P	UGC	1,25,000	ongoing	2years
17	Departmental projects funded by DST-FIST, UGC, DBT, ICSSR etc.				Nil
18	Research Centre/facility recognized by the University				Nil
19	Publication Details				Papers in peer reviewed Journals: 4 Books:1
	P. Jyothilekshmi & P.M. Mathew. 2016 . Consanguinity and associated genetic effects in five backward class communities of Palakkad district, Kerala. <i>J. Hum. Ecol.</i> 55 (1,2): 35-40.				
	P. Jyothilekshmi & P.M. Mathew. 2016 . Public health impact of inbreeding in five backward class communities of Palakkad district, Kerala. <i>J Cytol Genet.</i> 17 (1&2): 33-37.				
	P. Jyothilekshmi & P.M. Mathew. 2016 . Effect of long-term inbreeding in some communities of Palakkad district, Kerala. Abstracts, P-22, International Seminar on New Frontiers in Cytogenetics and XIII Conference of the Society of Cytologists and Geneticists 2016 Dec15-17, Department of Botany, University of Kerala, Kariavattom, Thiruvananthapuram, Kerala.				

	Zereena Viji and Paulsamy.S. 2016. Phytoconstituents analysis, and GC-MS profiling of tubers of Ipomoea mauritianajacq (convolvulaceae) International Journal of Recent Advances in Multidisciplinary Research3 (3) 1345-1349. (International)		
	Books published/ edited		
	Fundamentals of Population Genetics with Emphasis on Human Inbreeding. 2017. P.M.Mathew. and Jyothilekshmi.P. Southern Book Star, Trivandrum-New Delhi.		
20	Areas of consultancy and amount generated	Nil	
21	Faculty as members in National/International Committees Editorial Boards		
	Name of Faculty	Committee/Board	
	Dr. Jyothilekshmi.P	Member, Academic Board of Genetics, Calicut University Member, Editorial Board, Journal of Cytology & Genetics, Bangalore Member, Society of Cytologists & Geneticists, Bangalore	
22	Student Projects:		
	% of Students who have done in-house programme		UG
		2016-17	100%
23	Awards/Recognitions received by faculty/ students		
	Name	Faculty/Student	Award/Recognition
	Ms. Praveena.D	Student	University gold medal in Taekwando
24	List of eminent academicians and scientists/ visitors to the Department		
	Academician/ Scientist	Occasion	
1	Sri. Sasikumar.K, Agricultural officer, CIMH, Nodal agency of NBPGR, Kanjikode, palakkad	as resource person to deliver the seminar on 'Medicinal plants of Kerala' conducted in association with the extension programme 'Sanjeevani 2017'	
2	Dr. R.Bindu, Assistant Professor, S.N. College, Shoranur, Palakkad	participated in Sanjeevani 2017	

3	Sri. C.Radhakrishnan, Principal, MNKMHSS, Chittilemchery, Palakkad	participated in Sanjeevani 2017 along with the higher secondary students of MNKMHSS, Chittilemchery					
25	Seminars organized and the source of funding						
	Event	National/Regional	Funding Agency	Year			
	Seminar on 'Medicinal Plants of Kerala'	Regional	PTA	11.1.17			
26	Student Profile Programme/Course wise						
	Name of Programme	Duration of programme	Application received	Selected	Enrolled		Pass (%)
					Male	Female	
	B.Sc Botany	2016-19	CAP	35	6	29	81%
27	Diversity of Students						
	Name of Programme	Year	% of students				
			From same state	Other states	Abroad		
	B.Sc	2016-17	100%				
28	Number of students who cleared national and state level competitive examinations (NET, SLET/ GATE/ Civil services/ Defense services/ PSC/UPSC)						
	NET	-	SLET	-			
	Gate, JEE	-	Civil services	-			
	Defense services	-	UPSC	-			
	PSC	-	Others	-			
29	Student progression Percentage of students progressing to higher education or employment						
	UG to PG	31%					
	Employed	7%					
30	Details of Infrastructural facilities (Library/ ICT/ Laboratory/ Instrumentation): 2 class rooms, 1 laboratory, department library with some e books and book bank, Herbarium, specimen museum						

31	Number of students receiving financial assistance from college/ University/ Government or other agencies (2016-17)	
	<i>Year</i>	<i>No: of Students</i>
	2016-17	68
32	Details on Student Enrichment Programmes:	
	<i>Year</i>	<i>Programme</i>
		<i>Experts</i>
	2016-17	Awareness campaign done in Nemmara & Kollengode panchayaths in association with National Service scheme of our college on organic farming, pipe composting & vermicomposting.
		Field trips & Study tours conducted to identify plants, to collect & to understand its systematics,
		Two day nature camp to Parambikulam tiger reserve forest was conducted on 16 & 17.12.16 in association with forest dept to familiarise the rich bio-diversity of forest & to understand the need of its conservation
		Visit to various research departments & horticultural garden of Kerala Agriculture University, Thrissur.
		Conducted seminar on 'Medicinal plants of Kerala'
		Sri. Sasikumar.K
		Students of Botany dept. have arranged exhibition of more than 80 local medicinal plants, house hold remedies and familiar ayurvedic combinations for higher secondary and high school students of Gangothri CBSE School & MNKMHSS, Chittilemchery
		Students arranged traditional food court with more than 40 healthy traditional plant based delicious dishes for school students and for students of this college
		During 2016-17 flora club of Botany dept. has organized a debate on population explosion on 19.7.17 to observe world population day.

	<p>Flora club members prepared an album with the news paper scientific reports related to plants & microbes. This enabled them to become more aware about the newer developments of science.</p>
33	<p>Teaching Methods to improve student learning: Debate, Discussion, brain storming sessions, seminars by experts, field visit and study tour, visit to research institutions and universities, plant collection, herbarium preparations, collecting specimens, Assignments, seminars by students, answering model questions</p>
34	<p>Participation in institutional social responsibility and extension activities:</p> <p>Students conducted awareness campaign in association with NSS of our college in Nemmara & Kollengode panchayaths on organic farming, solid waste disposal and vermi-composting</p> <p>Students of botany dept collected more than 80 local medicinal plants and exhibited this for higher secondary & high school students of nearby schools. They also explained the medicinal properties & local uses of these plants.</p> <p>Students of botany dept prepared more than 40 healthy traditional delicious dishes using plant products. They also put sales stalls of preserved plant based food items like kondattoms, pickles, jam etc.</p> <p>During 2016-17 flora club of Botany dept. has organized a debate on population explosion on 19.7.17 to observe world population day.</p> <p>Flora club members collected news paper cuttings on science articles related to plants & microbes and have prepared an album based on this. This album was released by the respected principal of this college. This has made them more interested in science and they became more aware about the newer developments of science.</p>
35	<p>SWOC Analysis of the Department and Future Plans:</p> <p>Strength: 1. Qualified and dedicated teaching faculty 2. Teachers interested in extra-curricular activities have enabled the students to interact with society which imparted a better outlook for them. 3. Dept. library with some e-books and a book bank for poor children</p> <p>Weakness: 1. Limited infrastructure facility 2. Laboratory is not highly equipped 3. Space limitation 4. Shortage of technical staff</p>

Opportunity: 1. The dept is getting chance to mould socially and economically marginalized sections of the rural society as majority of our students are from such category. 2. Flora club in our dept develop both leadership qualities and social interaction skills among the children.

Challenges: Other private and self- financing educational institutions coming in the nearby premises are threatening.

P.G.DEPARTMENT OF CHEMISTRY

1	Name of the Department		CHEMISTRY		
2	Year of Establishment		1971		
3	Name of Programmes/courses offered		UG-CHEMISTRY PG-CHEMISTRY		
4	Names of interdisciplinary courses and Departments involved		Complementary course for BSc. Physics, Botany and Zoology. Open course for all U.G courses.		
5	Annual/Semester/Choice based credit system		<i>BSc</i> - Choice Based Credit Semester System <i>MSc</i> – Semester System		
6	Participation of the Department in the courses offered by other Departments		All Departments (complementary, common and open courses)		
7	Courses in collaboration with other Universities, industries, foreign institutions etc		Nil		
8	Details of courses/Programmes discontinued		Nil		
9	No: of teaching posts sanctioned/filled		4		
	Sanctioned		Filled		Guest Faculty
	4		4		4 (for newly created M.Sc course)
10	Faculty Profile				
	Name	Qualification	Designation	Specialisation	Experience
1	Dr G Pramod	M.Sc PhD	Principal and Assoc. Prof.		
2	Dr. Suja Haridas	MSc., Ph.D, JRF-NET	Assistant professor	Physical and Inorganic Chemistry	9 years

3	Mrs. Nitha L.P.	MSc., JRF-NET	Assistant professor	Inorganic and Organic chemistry	3 years
4	Dr.Ambili V.K.	MSc., JRF-NET, B.Ed, SET, PhD.	Assistant professor	Organic and Theoretical chemistry	3 years
5	Dr. Priya S	MSc., JRF-NET B.Ed., SET, Ph.D.	Assistant professor	Physical and Inorganic Chemistry,	3 Years
6	Ms. Nimmi Thambachan	MSc.	Guest	Inorganic chemistry	2years
7	Ms. Sujitha R.	MSc., BEd.,SET	Guest	Theoretical chemistry	2 years
8	Mrs Anumol M	MSc., SET	Guest	Inorganic chemistry	1year
9	Ms Geethu K	Msc. , NET	Guest	Physical chemistry	1year
11	List of senior visiting faculty	Nil			
12	Percentage of lectures delivered and practical classes handled (programme wise by temporary faculty)				
	Year	Percentage			
	2016-17		UG	PG	
		Theory	43.33	73.07	
		practical	45.83	41.66	
13	Student-Teacher ratio			UG- 20:1	PG- 12:1
14	No: of academic support (technical) /administrative staff			1 (Temporary)	

		Lab Assistant
15	Number of teaching faculty with M.Phil/PhD	Ph.D-3
16	Number of faculty with projects from National/ International funding agencies and grant received	National: Nil International: Nil
17	Departmental projects funded by DST-FIST, UGC, DBT, ICSSR etc.	Nil
18	Research Centre/facility recognized by the University	NA
19	Publication Details	
	<i>Title/Journal/ Conference proceedings</i>	<i>National/ International</i>
	Dr. Ambili V K	
	Seminars/Conferences	
	“RECENT ADVANCES IN CHEMISTRY”, Three Day National Seminar, govt. Victoria College, Palakkad, 29Nov to 1 Dec 2016.	<i>National Participated</i>
	One Day workshop on “Acquiring API Scores & Submitting PBAS based Proposal under CAS-A Practical Approach with basic service literacy”, 1 st April 2017.	<i>Regional Participated</i>
	Dr. Priya S	
	Journal Paper	
	Insights into Ferrocene Mediated Nitric Oxide Sensing-Elucidation of mechanism and isolation of intermediate, Priya Sudhesh, electrochimica acta, 2016,vol 210 (321-327).	<i>International Journal (imp fact 3.0)</i>
	Seminars/Conferences	
	“RECENT ADVANCES IN CHEMISTRY”, Three Day National Seminar, govt. Victoria College, Palakkad, 29Nov to 1 Dec 2016.	<i>National Participated</i>
20	Areas of consultancy and amount generated	Department is providing free consultancy for analysis of water and milk samples from near-by locality
21	Faculty as members in National/International Committees Editorial Boards	
	Dr. G Pramod, Recognised research guide under M G University	

	Dr. Suja Haridas, Recognised research guide under Calicut University Question Paper Setter for PSC Examinations		
22	Student Projects:		
	% of Students who have done in-house / inter-departmental programme	UG	100%
		PG	50%
	% of students placed for projects in organizations outside the institution (Research laboratories/ industries etc)	UG	Nil
		PG	50%
23	Awards/Recognitions received by faculty/ students		
	Name	Faculty/ Student	Award/Recognition
1	Nithila.M	Student	Vidya - Samunnathi (2016-2017)
2	Vineetha.P	Student	Vidya - Samunnathi (2016-2017)
3	Reshma R	Student	Vidya - Samunnathi (2016-2017)
4	Ajith A	Student	NEFTSC Development Department
5	Anzla M	Student	Suvarna Jubilee Scholarship (2016-17)
6	Aiswarya P	Student	Suvarna Jubilee Scholarship (2016-17)
7	Amirtha N R	Student	Higher Education Scholarship (2016-17)
8	Shyma S	Student	Post Metric , C.H Muhammed Koya Scholarship
9	Saranya S	Student	Suvarna Jubilee Scholarship (2016-17)
10	Ragi R	Student	1 ST Position in 200mts, 400mts and 800 mts in state keralolsavam 2016-17 and secured the individual championship in women section
11	Akash	Student	Selected in the Kerala Junior volleyball state championship
24	List of eminent academicians and scientists/ visitors to the Department		
	Academician/ Scientist	Occasion	

1	Dr. P. Ravindran, Professor, Dept. of Chemistry, University of Calicut.	Invited Lecture on “History and Science of Raman Effect” in relation with related to National Science Day Celebrations, 2017.					
2	Dr. R. Manu, Assistant Professor-Sree Vyasa NSS College Wadakkanchery	Lecture on “an Interface of Scientific Research and Innovations – Indian Perspective” related to National Science Day Celebrations, 2017.					
3	Dr. K. Padmakumar, Assistant Professor, Dept. of Chemistry, Govt. Victoria college Palakkad	Invited Lecture on “Introduction to Spectroscopy” related to National Science Day Celebrations, 2017.					
4	Dr. Radhika Thankappan, Scientist, Centre for Materials for Electronics Technology (C-MET), Ministry of Electronics and Information Technology, Govt. of India, Athani, Thrissur, Kerala.	Invited Lecture on “Thermoelectric Energy Harvesting” related to National Science Day Celebrations, 2017.					
25	Seminars/ Conferences/ Workshops organized and the source of funding						
	Event	National/Regional	Funding Agency	Year			
	Two Day seminar in relation with National Science Day Celebrations-2017	Regional	KSCSTE(20000/-)	2016-17			
26	Student Profile Programme/Course wise						
	Name of Programme	Year	Application received	Selected	Enrolled	Pass (%)	
					Male	Female	
	B.Sc Chemistry	2016-17	CAP	42	12	30	71.43
	M.Sc Chemistry	2016-17	CAP	13	1	12	100
27	Diversity of Students						

	<i>Name of Programme</i>	<i>Year</i>	<i>% of students</i>																	
			<i>From same state</i>	<i>Other states</i>	<i>Abroad</i>															
	B.Sc	2016-17	100	Nil	Nil															
	M.Sc	2016-17	100	Nil	Nil															
28	Number of students who cleared national and state level competitive examinations (NET, SLET/ GATE/ Civil services/ Defense services/ PSC/UPSC)																			
	CSIR-JRF-NET		Nil																	
	Others		Nil																	
29	Student progression Percentage of students progressing to higher education or employment																			
	UG to PG		PG to M.Phil		Employed															
	24%		9%		10%															
30	<p>Details of Infrastructural facilities (Library/ ICT/ Laboratory/ Instrumentation)</p> <p><i>LIBRARY:</i> The department has a full-fledged library consisting of around 2000 reference and text books.</p> <p><i>ICT :</i> Department is equipped with three computers and laser printers. Internet facility of the Department is made accessible for students during project works</p> <p><i>LABORATORY:</i> Separate labs are available for UG and PG courses.</p> <p><i>INSTRUMENTATION FACILITIES:</i> The Department is blessed with the basic research facilities. A list of major equipments is given below</p> <table border="1"> <tbody> <tr> <td>Spectrophotometer</td> <td>Electronic balance</td> <td>Muffle furnace</td> </tr> <tr> <td>Cooling centrifuge</td> <td>Photoreactor</td> <td>Orbital shaker</td> </tr> <tr> <td>Hot air oven</td> <td>Colorimeter</td> <td>Polarimeter</td> </tr> <tr> <td>Sonicator</td> <td>Vapour phase reactor</td> <td>Refractometer</td> </tr> <tr> <td>pH meter</td> <td>Conductivity meter</td> <td>Electric centrifuge</td> </tr> </tbody> </table>					Spectrophotometer	Electronic balance	Muffle furnace	Cooling centrifuge	Photoreactor	Orbital shaker	Hot air oven	Colorimeter	Polarimeter	Sonicator	Vapour phase reactor	Refractometer	pH meter	Conductivity meter	Electric centrifuge
Spectrophotometer	Electronic balance	Muffle furnace																		
Cooling centrifuge	Photoreactor	Orbital shaker																		
Hot air oven	Colorimeter	Polarimeter																		
Sonicator	Vapour phase reactor	Refractometer																		
pH meter	Conductivity meter	Electric centrifuge																		
31	Number of students receiving financial assistance from college/ University/ Government or other agencies																			
	Year	2016-17																		

	Students	UG	68
		PG	16
32	Details on Student Enrichment Programmes		
	<i>Year</i>	<i>Programme</i>	<i>Experts</i>
	2016-17	National Science Day Celebrations- 2017 was celebrated with a series of programmes by the department with financial assistance from KSCSTE. A quiz competition was conducted for the students of near-by schools. An Essay competition was conducted on the topic Science and Technology for Specially abled persons among the students from various Departments of this college. The venture was enthusiastically undertaken by the UG and PG students of the Department.	
33	Teaching Methods to improve student learning		
	<ol style="list-style-type: none"> 1. USE OF ICT FACILITIES 2. GROUP DISCUSSION AND PROBLEM SOLVING 3. PEER TEACHING 4. GROUP PROJECT 5. STUDENT SEMINARS 6. SSP and WWS 7. SEMINARS/ INVITED LECTURES/ WORKSHOPS 		
34	Participation in institutional social responsibility and extension activities-		
	<p>Along with the academic excellence, the Department aims at the creation of socially motivated student community.</p> <ul style="list-style-type: none"> ➤ The students are encouraged to participate in the extracurricular activities through N.S.S and N.C.C. The students actively participate in the social initiatives including campus cleaning, environmental protection etc. The students also assist in the consultancy services extended by the department like water analysis. Drinking water quality guidelines and standards are designed to enable the provision of clean and safe water for human consumption, thereby protecting human health. Water samples are collected from near-by sources for quality testing achieved mainly through UG projects. ➤ Attempts were made impart a scientific awareness regarding food adulteration and 		

environmental conservation through group projects. Milk, curcumin and oil samples were subjected to quality testing and awareness classes were provided to students. Students undertook a survey on the use of commercial milk samples by the local community.

DEPARTMENTAL ACTIVITIES

Industrial Visit

The industrial visit/ study tour, which forms a part of the UG curriculum is undertaken by the Department in such a way to provide both experience and job opportunities to the students. The final BSc students visited Sud- Chemie, Aluva during this academic year. The visit is intended to provide a basic understanding of the technology and chemistry involved and to get familiarized with various sophisticated instruments used for analytical purposes.

35 SWOC Analysis of the Department and Future Plans

Strength

1. Subject with high potentials in career options
2. Well qualified, dedicated and determined teaching faculties.
3. Meritorious and disciplined students
4. Supportive parents
5. Good teacher – student interaction through efficient mentoring.
6. Department Library with adequate reference books.
7. Availability of basic infrastructure

Weakness

1. Shortage of permanent faculty
2. Shortage of supportive lab staff
3. Space shortage.
4. Shortage of Departmental funds due to lack of ongoing projects
5. Economically and socially weak students and parents.
6. Lack of awareness of modern technologies among the students.

7. Remote area restricting the working time of students in laboratory.

Opportunity

1. Scope for chemistry graduates and post graduates in various industries.
2. Opportunity for pursuing research programmes and projects
3. More opportunity for getting jobs in analytical field.
4. Provide coaching for competitive examinations like NET-JRF, GATE, JAM etc for jobs and higher studies.

Challenges

1. Lack of interest in basic science among students
2. Motivation of students to pursue higher education.
3. Upgradation of the Department as Research Centre.
4. Upgradation of Department facilities and infrastructure.
5. Shortage of time in semester system for completing teaching and learning process.

Future Plan

1. Upgradation of the Department as a Research Centre
2. Ensure the availability of fund for both research and infrastructural development from Government and various funding agencies. Application for DST-FIST
3. Research collaborations with scientific institutions.
4. Setting up of a computer lab for theoretical chemistry practicals.
5. Free NET coaching for students
6. Orientation programme for school students to develop interest in basic sciences
7. To take steps in creating Public awareness on Health and Hygiene, Environmental conservation, food and water quality etc,
8. Provide Competitive Exam oriented classes for economically weaker students in the college locality

DEPARTMENT OF INSTRUMENTATION

1	Name of the Department		Instrumentation		
2	Year of Establishment		1999		
3	Name of Programmes/courses offered		UG- BSc PG- Nil		
4	Names of interdisciplinary courses and Departments involved		1. Complementary course in Computer Science 2. Complementary course in Physics		
5	Annual/Semester/Choice based credit system		Choice based Credit System		
6	Participation of the Department in the courses offered by other Departments		All departments		
7	Courses in collaboration with other Universities, industries, foreign institutions etc		Nil		
8	Details of courses/programmes discontinued		Nil		
9	No: of teaching posts sanctioned/filled				
	Sanctioned	Filled	Guest/		
	4	3	1		
10	Faculty Profile				
	Name	Qualification	Designation	Specialisation	Experience
1.	Santhi Priya G.	M.Tech	Asst. Prof And Head	Applied Electronics and Instrumentation	6 yrs
2.	Aiswarya. M	M.Tech	Asst. Prof	Applied Electronics and Instrumentation	6 yrs
3.	Sanal Kumar. S	M.Tech	Asst. Prof	Control and Instrumentation	6 yrs
5.	Sandhya.K	MCA	Guest Lecturer	Computer Application	12yrs

11	List of senior visiting faculty	Nil
12	Percentage of lectures delivered and practical classes handled (programme wise by temporary faculty	
	Year	Percentage
		Instrumentation Computer Science
	2016-17	0 100
13	Student-teacher ratio	UG-21:1 PG- Nil
14	No: of academic support (technical) /administrative staff	Nil
15	Number of teaching faculty with M.Phil/PhD	M.Tech - 3 MCA - 1
16	Number of faculty with projects from National/ International funding agencies and grant received	National: Nil International: Nil
17	Departmental projects funded by DST-FIST, UGC, DBT, ICSSR etc.	Nil
18	Research Centre/facility recognized by the University	Nil
19	Publication Details	
Peer Reviewed Journals		
	<i>Title/Journal/ Conference proceedings</i>	<i>National/ International</i>
	<i>Santhi Priya. G</i>	
1.	Application of NSGA algorithm for improving the performance of spark ignited engines in international journal of innovations and implementations in engineering vol.1	International
2.	Vehicular distance regulation system in international journal of innovations and implementations in engineering vol.1	International
3.	Control and optimization of torque response in spark ignite engines using NSGA algorithm in international advanced research journal in science engineering and technology.	International

6.	Performance enhancement of spark ignited engines using NSGA optimization in prabandh 16,national conference on recent advances in computer science applied electronics and power engineering	National	
20	Areas of consultancy and amount generated	Nil	
21	Faculty as members in National/International Committees Editorial Boards	NIL	
22	Student Projects:		
	% of Students who have done in-house / inter-departmental programme	UG	PG
		10	-
	% of students placed for projects in organizations outside the institution (Research laboratories/ industries etc)	UG	PG
		14	-

23	Awards/Recognitions received by faculty/ students						
	Name	Faculty/Student		Award/Recognition			
1.	Thahasin N	Student		University topper			
2.	Santhi Priya. G	Faculty		M.Tech 1 rank			
24	List of eminent academicians and scientists/ visitors to the Department						
	Academician/ Scientist				Occasion		
15.	Dr.Anto Johny.T, Associate Professor, Department of Physics St.Thomas College Thrissur				Inspection for affiliation		
25	Seminars/ Conferences/ Workshops organized and the source of funding				Nil		
26	Student Profile Programme/Course wise						
	Name of Programme	Year	Application received	Selected	Enrolled		Pass (%)
					Male	Female	
	B Sc	2016-17	CAP	31	21	10	
27	Diversity of Students						
		Year	% of students				

	<i>Name of Programme</i>		<i>From same state</i>	<i>Other states</i>	<i>Abroad</i>
	B Sc	2016-17	100	-	
28	Number of students who cleared national and state level competitive examinations (NET, SLET/ GATE/ Civil services/ Defense services/ PSC/UPSC)				Nil
29	Student progression Percentage of students progressing to higher education or employment				
	UG to PG		8.3		
30	<p>Details of Infrastructural facilities (Library/ ICT/ Laboratory/ Instrumentation)</p> <p>Instrumentation & Process Control Lab.</p> <p>Equipments:</p> <ol style="list-style-type: none"> 1) DEAD WEIGHT TESTER 2) LDR/ PHOTODIODE/ PHOTOTRANSI-STOR TRAINER 3) RTD MODULE 4) WHEAT STONE BRIDGE 5) THERMOCOUPLE MODULE 6) THERMISTOR MODULE 7) DISPLACEMENT MEASUREMENT TRAINER USING LVDT 8) STRAIN MEASUREMENT TRAINER MODULE 9) REDWOOD VISCOMETERS 10) FIRST ORDER LIQUID LEVEL SYSTEM LEVEL PROCESS CONTROLLER 11) DIGITAL MULTIMETERS 12) STOP WATCH 13) GLASS THERMOMETER 14) COMPUTER SYSTEM 15) LASER MULTI FUNCTION PRINTER 16) LCD PROJECTOR <p>MicroProcessor & MicroController Interfacing Lab</p> <p>Equipments:</p> <ol style="list-style-type: none"> 1) 8085 MICROPROCESSOR LC LCD TRAINER 				

	<p>2) 8 CHANNEL ADC INTERFACE BOARD</p> <p>3) 8051 MICROCONTROLLER TRAINER KIT</p> <p>4) STEPPER MOTOR CONTROLLER WITH MOTOR</p> <p>5) 2 CHANNEL DAC INTERFACE BOARD</p> <p>6) CRO</p> <p>Computer Lab</p> <p>11 Computer System and one Printer</p> <p>Library Books : 301</p>						
31	Number of students receiving financial assistance from college/ University/ Government or other agencies						
	<table border="1"> <thead> <tr> <th><i>Year</i></th> <th><i>No: of Students</i></th> </tr> </thead> <tbody> <tr> <td>2016-17</td> <td>71</td> </tr> </tbody> </table>	<i>Year</i>	<i>No: of Students</i>	2016-17	71		
<i>Year</i>	<i>No: of Students</i>						
2016-17	71						
32	Details on Student Enrichment Programmes						
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<i>Year</i>	<i>Programme</i>	<i>Experts</i>					
33	<p>Teaching Methods to improve student learning</p> <ol style="list-style-type: none"> 1) Discussion Methods - Engaging students in discussion increases their learning skills and motivation by propelling them to develop their own ideas and creativity. A good atmosphere for interaction is the first step in encouraging students to talk. 2) Through Games and Experiments or Simulations - Games, experiments and simulations can be good learning methods for students. Games and simulations enable students to solve real-time problems in a safe and friendly atmosphere and enjoy themselves while doing so. 3) Problem-Oriented Learning - this is an instructional method that challenges students to work in groups to seek solutions to real world problems. The process helps students to resolving problems or meeting challenges that are encountered in life, and will help prefer students for their career advancements. 						

	<p>4) Writing Assignments - Writing assignments in class can provide an opportunity for students to apply critical thinking skills as well as help them to learn course content.</p> <p>5) Teaching with Cases - Case studies present students with real-life problems and enable them to apply what they have learned in the classroom to real life situations. Cases also motivate students to develop logical problem solving skills and group interaction skills. .</p>
34	<p>Participation in institutional social responsibility and extension activities.</p> <p>*Arranged a visit to V.V College, Kanjikode, Palakkad for participation in Exhibition and Seminar on ‘Developmental stages of ISRO’.</p> <p>* Arranged a Lecture on ‘Biomedical Instrumentation’ by Niran N.C , Manager Technical Support, Regency Life Sciences, Bangalore.</p>
35	<p>SWOC Analysis of the Department and Future Plans.</p> <p>Strengths:</p> <ol style="list-style-type: none"> 1) A good number of the students who get through the Competitive examinations and obtain good positions in India and Abroad. 2) Majority of students clears state and national level PG entrance Examinations and get admissions in leading universities like CUSAT, Pune University etc. 3) Highly equipped Instrumentation and process control lab and Microprocessor and microcontroller interfacing lab which moulds students to work in industries. 4) Good student teacher relationship. 5) Good participation in research activities and innovative project works. 6) Faculty with willingness to take challenging assignments and creative applications. 7) Dynamic and active students. 8) The merit scholarships and cash awards helps students to develop their inner skills more effectively. 9) Department library with plenty of reference and text book, periodic journals and news papers. 10) Central computer laboratory with free internal access for students.

Weakness:

- 1) Lack of English communication skill is the major setback of the student's growth.
- 2) Insufficient Space in the practical labs
- 3) Limitation of opening job oriented and skill development courses for the students.
- 4) Aptitude of the students for higher learning is poor
- 5) As of now the Department cannot be made a Post Graduate course.

Opportunities:

- 1) To introduce job oriented and skill development, self employment courses and other emerging subjects
- 2) The Add on courses coaching and IQAC programmes also aiding them for self-employment.
- 3) Research and extension activities in the field of Instrumentation and process control areas
- 4) Staff strength and enterprising nature is a strong opportunity

Challenges:

- 1) To provide good job opportunities to the degree holders .
- 2) To start research activities for the development of the faculty members with available facilities in collaboration with nearby Universities and research institutes.

Future Plan:

- 1) Development in infrastructure facilities.
- 2) To conduct seminars, symposium and conferences in industry related areas.
- 3) To conduct professional training and research programmes in various subjects for the benefit of students.
- 4) To introduce Master Degree programme in Instrumentation
- 5) To Provide PLC and SCADA training programs to students so that they can meet the current industry requirements.

DEPARTMENT OF PHYSICS

1	Name of the Department	Physics
2	Year of Establishment	1967
3	Name of Programmes/courses offered	UG- BSc. Physics
4	Names of interdisciplinary courses and Departments involved	Complementary courses for B.Sc Chemistry and Instrumentation, Open course
5	Annual/Semester/Choice based credit system	Choice based Credit System
6	Participation of the Department in the courses offered by other Departments	Common Course and Open course
7	Courses in collaboration with other Universities, industries, foreign institutions etc	Nil
8	Details of courses/programmes discontinued	Nil
9	No: of teaching posts sanctioned/filled	
	Sanctioned	Filled
	4	2
		Guest/
		2

10	Faculty Profile				
	Name	Qualification	Designation	Specialisation	Experience
1	Jayalakshmy A.	MSc. NET BEd	Associate Professor	1) Electrodyamics 2) Molecular spectroscopy 3)Solid state devices	22 Years
2	Dr. Rajesh R.	MSc. MBA PhD MCSE MCTS	Assistant Professor	1)Electronic instrumentation 2)Conductivity & Dielectrics 3) Impedance Spectroscopy	7 Years

3	Nishad K	MSc M Phill	Guest	1) Classical Mechanics 2) Statistical Mechanics	1 Year
4	Sruthy S Devan	MSc	Guest	1) Wave Motion 2) Particle Physics 3) Astro Physics	1 Year
11	List of senior visiting faculty				Nil
12	Percentage of lectures delivered and practical classes handled (programme wise by temporary faculty -				
	Year	Percentage			
	2016-17	47%			
13	Student-teacher ratio			UG- 20:1	
14	No: of academic support (technical) /administrative staff			2	
15	Number of teaching faculty with M.Phil/PhD			M.Phil - 1 Ph.D - 1	
16	Number of faculty with projects from National/ International funding agencies and grant received			National: nil International: Nil	
17	Departmental projects funded by DST-FIST, UGC, DBT, ICSSR etc.			Nil	
18	Research Centre/facility recognized by the University			Nil	
19	Publication Details			Journals: nil Conference Proceedings: nil Books : Nil	
20	Areas of consultancy and amount generated			Water testing	
	Water Education Centre				
21	Faculty as members in National/International Committees Editorial Boards				
	Name of Faculty		Committee/Board		
1	Jayalakshmy A.		Coordinator - NGPE - IAPT & APT, Chair person B.Sc Instrumentation Theory and Practical;chair person, CV Camp B.Sc Instrumentation		

22	Student Projects:						
	% of Students who have done in-house / inter-departmental programme				UG	PG	
			2016-17	50%			
	% of students placed for projects in organisations outside the institution (Research laboratories/ industries etc)				UG	PG	
			2016-17	50%			
23	Awards/Recognitions received by faculty/ students						
	Name	Faculty/Student		Award/Recognition			
1	Aiwarya.P.V	Student		A-zone-western music-2 nd Prize			
2	Jumna Haneefa	Student		A-zone – Arabic story writing (Calicut Univ) – 3rd Prize			
24	List of eminent academicians and scientists/ visitors to the Department						
	Academician/ Scientist					Occasion	
1	M.L. Sunil, DySP, Palakkad					Retirement function	
2	K.R. Balasubramaniam ASI Palakkad					Retirement function	
25	Seminars/ Conferences/ Workshops organized and the source of funding					Nil	
26	Student Profile Programme/Course wise						
	Name of Programme	Year	Application received	Selected	Enrolled		Pass (%)
					Male	Female	
	B.Sc	2016-17	CAP	41	10	31	90.5
27	Diversity of Students						
	Name of Programme	Year	% of students				
			From same state	Other states	Abroad		
	B.Sc	2016-17	100				

28	Number of students who cleared national and state level competitive examinations (NET, SLET/ GATE/ Civil services/ Defense services/ PSC/UPSC)				
	PSC	1			
	UPSC				
	Others	5			
29	Student progression Percentage of students progressing to higher education or employment				
		2016-17			
	UG to PG	37%			
	PG to M.Phil				
	PG to Ph.D				
	Employed				
	Entrepreneurship/ Self employment	12%			
30	Details of Infrastructural facilities (Library/ ICT/ Laboratory/ Instrumentation)				
	Library				
	<ul style="list-style-type: none"> • Departmental library with full time access to students • 1526 books from different disciplines of Physics, Electronics, Instrumentation, Information Technology, Non-conventional energy sources etc. 				
	ICT				
	<ul style="list-style-type: none"> • Projector – a) LCD – 1 b) OHP – 1 • Computer – a) Desktop – 4 b) Net book – 1 • Net setter – 1 • Printer – 2 				
	Laboratory				
	<ul style="list-style-type: none"> • 3 well equipped labs namely <ul style="list-style-type: none"> 1) General Physics lab 2) Optics & Spectroscopy lab 				

	3) Electronics & Instrumentation lab		
	Instrumentation		
	Major instruments include		
	<ul style="list-style-type: none"> • Spectrometer – 6 • Diode –laser -1 • Oscilloscope – 6 • Function generator – 13 • Digital Photo Colorimeter • Scientific digital LCR meter • Microprocessor training kits • Digital and linear IC training kits • Power supply units - 14 		
31	Number of students receiving financial assistance from college/ University/ Government or other agencies		
	<i>Year</i>		<i>No: of Students</i>
	2016-17		
32	Details on Student Enrichment Programmes		
	<i>Year</i>	<i>Programme</i>	<i>Experts</i>
1	2016-17	Seminar on water conservation and sustainable rural development	Dr.K.Vasudevan Pillai and Dr. K.C. Ajith Prasad
2	2016-17	Exhibition-Physics Expo	
33	Teaching Methods to improve student learning		
	<ul style="list-style-type: none"> • Active learning with collaborative/cooperative approach • Developing critical thinking/reasoning ability • Adopting discussion strategies & experiential learning • Learning through simulations for testing/development • Inquiry-guided learning • Interdisciplinary teaching along with hybrid courses • Lecture strategies with learner-centered approach 		

	<ul style="list-style-type: none"> • Problem-based learning, analysis & interpretation methods • Service learning – science to society approach • Using social online/networking tools . • Teaching diverse students & teaching with cases • Team teaching & team-based learning
34	<p>Participation in institutional social responsibility and extension activities</p> <ul style="list-style-type: none"> • Science popularization project entitled “Characterization of Water Resources in Elavancherry Grama Panchayat of Palakkad District has been carried out with a view to develop an eco-friendly Pollution abatement Water Conservation and Management” sponsored by KSCSTE, Trivandrum. • Provides consultation services for <ol style="list-style-type: none"> 1. Designing and installation of Improvised Roof Top Rain Water harvesting systems. 2. Popularization of efficient irrigation methods through participatory approach. 3. Evaluation of water quality index and suitability index of ponds for their utilization in rural drinking water schemes. • Active participation of students in NCC & NSS which organizes different levels of social activities regularly
35	<p>SWOC Analysis of the Department and Future Plans</p> <p>Strengths</p> <ul style="list-style-type: none"> • Highly qualified faculties with inter-disciplinary research prospects • Fully functional general/electronics lab with highly competitive library facilities • Meritorius students with dedication and focus to academics as well as co-curricular activities • Availability of latest and advanced learning tools (ICT based) with adequate provision for improvement <p>Weaknesses</p> <ul style="list-style-type: none"> • Newly adopted provisions for raising student strength due to increased demand without infrastructure development leads to reduction in quality of services offered • Provisions for improving class room facilities to highly competitive standards

- Transfer/retirement vacancies of staff needs to be filled in a timely manner
- Being an under developed rural area socio-economic growth standards of the families of majority students are below average

Opportunities

- Teaching skills as well as research aptitude of faculty can be improved in a timely and relevant manner through resources offered by central/state academic bodies for higher education
- Exploitation of various central/state funding agencies for infrastructure development
- Being located in rural outskirts effective transfer of scientific knowledge to society possible with minimum financial burdens
- Job oriented training programmes for students as well as developing the department to PG level and research centre thereby providing equal opportunities for students in rural area

Challenges

- Socio-economic background of vast majority of students needs to be properly addressed so that everyone's potentials can be equally developed
- Lack of adequate family support in academics for a large class of students need to be overcome by a collective effort of faculty
- Students needs to be motivated always with the opportunities for higher studies as well as job openings so that they support their family/society at the earliest
- Infrastructural developments with proportionate student-teacher ratio needs to be implemented while increasing student strength due to high demand

P.G.DEPARTMENT OF MATHEMATICS

1	Name of the Department		MATHEMATICS		
2	Year of Establishment		1967		
3	Name of Programmes/courses offered		UG-BSc Mathematics PG-MSc Mathematics		
4	Names of interdisciplinary courses and Departments involved		Complementary courses Physics, Chemistry		
5	Annual/Semester/Choice based credit system		Choice based Credit System		
6	Participation of the Department in the courses offered by other Departments		Common courses and open course		
7	Courses in collaboration with other Universities, industries, foreign institutions etc		Nil		
8	Details of courses/programmes discontinued		Nil		
9	No: of teaching posts sanctioned/filled				
	Sanctioned		Filled		Guest/
	9		6		3
10	Faculty Profile				
	Name	Qualification	Designation	Specialisation	Experience
1.	Dr. LALITHA.K	MSc, M.Phil, Ph D	Associate professor	Stochastic modelling	30 Yrs
2.	BALAKRISHNAN.A	MSc	Associate professor	Functional Analysis	29 Yrs
3.	MADHAVADAS.M	MSc, B.Ed., JRF	Assistant Professor	Pure Mathematics	6 Yrs
4.	RASMI.M	MSc, NET	Assistant Professor	Algebra	4 Yrs

5.	RAMYA.P	MSc, JRF	Assistant Professor	Ordinary Differential Equation	3 Yrs
6.	SANGEETHA.C	MSc, BEd, JRF	Assistant Professor	Functional Analysis	2Yrs
7.	PADMA.R.S	MSc	Guest Lecturer	Differential Geometry	1
8.	SURYA.A	MSc	Guest Lecturer		
9.	REMYA.R	MSc	Guest Lecturer	Probability Theory	2 Yr
11	List of senior visiting faculty				Nil
12	Percentage of lectures delivered and practical classes handled (programme wise by temporary faculty				
	Year	Percentage			
	2016-17	33			
13	Student-teacher ratio			UG-127 32:1 PG- 26 5:1	
14	No: of academic support (technical) /administrative staff			Nil	
15	Number of teaching faculty with M.Phil/PhD			M.Phil 1 Ph.D 1	
16	Number of faculty with projects from National/ International funding agencies and grant received			National: Nil International: Nil	
17	Departmental projects funded by DST-FIST, UGC, DBT, ICSSR etc.			Nil	
18	Research Centre/facility recognized by the University			Nil	
19	Publication Details				
Peer Reviewed Journals					
	<i>Title/Journal/ Conference proceedings</i>			<i>National/International</i>	

	1. Sangeetha.C attended a workshop conducted by KSOM			
20	Areas of consultancy and amount generated		Nil	
21	Faculty as members in National/International Committees Editorial Boards		Nil	
22	Student Projects:			
	% of Students who have done in-house / inter-departmental programme		UG	PG
		2016-17	100	100
	% of students placed for projects in organisations outside the institution (Research laboratories/ industries etc)		UG	PG
		2016-17	Nil	Nil
23	Awards/Recognitions received by faculty/ students			
	Name	Faculty/Student	Award/Recognition	
1.	Sudhin.S	I B.Sc Mathematics student	International Open Karate Championship,Gold Medal	
2	Anandapadmakumar R		First in Sanskrit essay writing, Sanskrit versification, Second in Sanskrit elocution in A zone Third for Sanskrit essay writing in Interzone	
3	Akshaya Gopalakrishnan		Second in Folk dance A zone	
24	List of eminent academicians and scientists/ visitors to the Department			
	Academician/ Scientist		Occasion	
1.	Chithambaram, Rtd Professor GOVT College,Chittur		Deliver Class On “introduction to calculus of variation”	

2.	Devadas, Assistant Professor, SN College, Aalathur				Deliver Class on “Introduction to Group theory”		
3.	Dr. Girish, Assistant Professor, MES College, Mannarkad				Deliver Class On “Application of mathematics”		
4.	Ashokan Cheruvath, Centre for life skill learning				Motivation class for all students		
5.	Aravidakshan, Rtd. Associate professor, NSS College, Ottapalam				Deliver a class on “ Basic concepts in complex anylysis”		
6.	Raveesh.R.Varrier, Assistant professor, St Aloysius college, Thrissur				Deliver a talk on “Perfect numbers”		
25	Seminars/ Conferences/ Workshops organized and the source of funding				Nil		
26	Student Profile Programme/Course wise						
	Name of Programme	Year	Application received	Selected	Enrolled		Pass (%)
					Male	Female	
	B.Sc	2016-17	CAP	46	13	33	58
	M.Sc	2016-17	CAP	16	1	15	-
27	Diversity of Students						
	<i>Name of Programme</i>	<i>Year</i>	<i>% of students</i>				
			<i>From same state</i>	<i>Other states</i>	<i>Abroad</i>		
	B.Sc	2016-17	100				
	M.Sc	2016-17	100				
28	Number of students who cleared national and state level competitive examinations (NET, SLET/ GATE/ Civil services/ Defense services/ PSC/UPSC)						

	NET	1				
	Defense services	1				
	PSC	2				
	UPSC					
	Others	1				
29	Student progression Percentage of students progressing to higher education or employment					
		2016-17				
	UG to PG	50%				
	PG to M.Phil	-				
	PG to Ph.D	-				
	Employed					
	Entrepreneurship/ Self employment					
30	Details of Infrastructural facilities (Library/ ICT/ Laboratory/ Instrumentation) 1. Department Library 2. Computers 3. Internet					
31	Number of students receiving financial assistance from college/ University/ Government or other agencies					
	<i>Year</i>			<i>No: of Students</i>		
	2016-17			141		
32	Details on Student Enrichment Programmes					
	<i>Year</i>	<i>Programme</i>		<i>Experts</i>		
		Debates on current subjects, usually every week				
		To improve students mathematical ability we organize Daily Quiz				
		One day seminar on “Introduction to group theory”.		Devadas, Assistant Professor, SN College, Alathur		
		One day seminar on “Application of Mathematics”		Prof Chithambaram, Rtd Professor Govt college, Chittur		

	One day seminar on “Introduction to calculus of variation”	Dr.Girish, Asst. Professor, MES College,Mannarkad
	Stress Management class	Sri. Ashokan Cheruath
	One day seminar on “Basic concept in complex Analysis”	Aravidakshan
	One day seminar on “ Perfect numbers”	Raveesh.R.Varrier Assistant Professor, St Aloysius college
	NET Coaching class for MSc Students, JAM, CAT NBHM, Coaching for B.Sc students	
33	<p>Teaching Methods to improve student learning</p> <p>On the basis of the aptitude test first year students are classified as below average, average, good and excellent.</p> <p>Simultaneously tutors are also appointed for that class. It is the responsibility of the tutor to keep track of the progress of the students.</p> <p>Periodically test papers, terminal exams and model exams are other measures of assessing and evaluating students personality development classes will be conducted on a regular basis.</p> <p>Retired hands and teachers from other colleges are often invited to give lectures. Their rich experience has proved highly beneficial to the students</p>	
34	<p>Participation in institutional social responsibility and extension activities</p> <p>NSS</p> <p>NCC</p> <p>Visit Old age Home</p>	
35	<p>SWOC Analysis of the Department and Future Plans</p> <p><u>Strength</u></p> <ol style="list-style-type: none"> 1. Regular programmes like lectures, seminars for improving subject Knowledge. 2. Good Teacher-Student interaction and very effective mentoring. 3. Dedicated and Well qualified Teaching faculty. 	

4. Department Library
5. Computer Lab
6. Socially responsible students and faculty.
7. Organising Seminars on different areas in Mathematics monthly by external faculty.
8. Organising classes for motivating students soft skills.
9. Efficient Tuitorial system giving personal care for each and every students.

Weakness

1. Low economics and social background of students.
2. Poor knowledge of subject in students.
3. Transfer/retirement vacancy.
4. Lack of interest in subject.

DEPARTMENT OF ZOOLOGY

1	Name of the Department		Department of Zoology		
2	Year of Establishment		1983		
3	Name of Programmes/courses offered		B.Sc Zoology		
4	Names of interdisciplinary courses and Departments involved		Open course, All Departments		
5	Annual/Semester/Choice based credit system		Choice based Credit System		
6	Participation of the Department in the courses offered by other Departments		All Departments		
7	Courses in collaboration with other Universities, industries, foreign institutions etc		Nil		
8	Details of courses/programmes discontinued		Nil		
9	No: of teaching posts sanctioned/filled				
	Sanctioned	Filled	Guest (Contract basis- PTA)		
	3	3	1		
10	Faculty Profile				
	Name	Qualification	Designation	Specialization	Experience
1	Dr. LEKSHMI R CHANDRAN	M. Sc, M. Phil, Ph. D, NET, SET, B. Ed	Assistant Professor	Zoology- Environmental Biology	8 Years
2	SEEMA MENON	M. Sc, CSIR-JRF/NET, SET, B. Ed	Assistant Professor	Zoology- Entomology	3 years
3	RESMI S NAIR	M. Sc, NET, B. Ed, SET	Assistant Professor	Zoology- Fish Biology and Fisheries Science	3 years
11	List of senior visiting faculty				Nil
12	Percentage of lectures delivered and practical classes handled (Programme wise by temporary faculty)				
	Year	Percentage of theory hours		Percentage of practical hours	
	2016-17	18.51		18.75	
13	Student-teacher ratio			1: 40	
14	No: of academic support (technical) /administrative staff			1 (Guest)	

15	Number of teaching faculty with M.Phil/PhD	M.Phil - 1 Ph.D - 1
16	Number of faculty with projects from National/International funding agencies and grant received	National: Nil International: Nil
17	Departmental projects funded by DST-FIST, UGC, DBT, ICSSR etc.	Nil
18	Research Centre/facility recognized by the University	Nil
19. Publication Details		
	Title Journal/ Conference proceedings/Books	National/ International
Peer reviewed		
Nil		
Non Peer reviewed		
1. Resmi S Nair et al. (2017)	Acetone and aqueous extracts of <i>Glycosmis pentaphylla</i> affect biochemical and enzymatic parameters in <i>Sitophilus oryzae</i> (L). Proceedings of the International seminar on 'Frontiers in Genomics and Molecular Techniques.' OP-44.	International
2. Seema Menon et al. (2016)	Micropropagation of <i>Oroxylum indicum</i> Vent. – effect of auxin and cytokinin concentrations on callus initiation, shoot induction and root induction. Amala Research Bulletin 36, ISSN: 0971-4987	National
20. Areas of consultancy and amount generated		Water quality assessment, Rs. 2000
21	Faculty as members in National/International Committees Editorial Boards	
	Name of Faculty	Committee/Board
1	Dr. Lekshmi R Chandran	Member of Board of Studies in Microbiology, University of Calicut
22	Student Projects:	
	% of Students who have done in-house / inter-departmental Programme	UG PG
1.	A comparative study on the water quality parameters of three public wells in Nemmara Panchayat	100 NA

2.	Bioefficacy of selected ecofriendly botanical in the management of stored product pest, <i>Sitophilus oryzae</i> (L) larvae (Coleoptera : Curculionidae)	100	NA
3.	A preliminary survey on avian fauna of selected areas under Nemmara Forest Division	100	NA
	% of students placed for projects in organizations outside the institution (Research laboratories/ industries etc)	UG Nil	PG Nil
23	Awards/Recognitions received by students		
Year	Name	Item	Award/Recognition
24	List of eminent academicians and scientists/ visitors to the Department		
	2016-2017		
	1. Dr. Muhamed Jafer Palot, Assistant Zoologist, Western Ghat Regional Centre Zoological Survey of India, Calicut) “Mangrove-wetlands of Kerala”		Regional
	2. Dr. Mahesh Mohan, Assistant Professor, School of Environmental Science, M. G. University, Kottayam, Kerala “Impact of environmental pollution in wetlands”		Regional
	3. Mr. C.M. Sushanth (Senior Principal Scientist & Head, Ground Water Division, Centre for Water Resources Development and Management (CWRDM), Kozhikode)		Regional
	4. Dr. Vasudevan Pillai, Rtd. HOD Physics, NSS College, Nemmara and Co-ordinator, Integrated Rural Technology Centre, Palakkad		Regional
	5. Dr. K R Priya (CEO, Gangothri Charitable Trust, Nenmara)		Regional
	6. Prof.C.T. Aravindakumar (Dean, Faculty of Environmental and Atmospheric Sciences, Mahatma Gandhi University, Kottayam)		Regional Regional
25. Seminars/ Conferences/ Workshops organized and the source of funding			
	Event	National/Regional	Funding Agency
1.	Seminar as part of World Environment Day Observance, 2016- “Sustenance 2016”	Regional	Kerala State Council for Science Technology and Environment, Thiruvananthapuram, Kerala.
2.	Seminar on “Wetlands for Disaster risk reduction” as part of World Wetland Day Celebration, 2017	Regional	Kerala State Council for Science Technology and Environment, Thiruvananthapuram, Kerala.
3.	Lecture workshop (“Jalavichayanam”) on our	Regional	Centre for Environmental Education and Technology, Kottayam, Kerala.

	traditional water resources and water management							
26	Name of Programme	Year	Students applied	Admitted	Enrolled			Pass (%)
					Total	Male	Female	
		2016-17	CAP	34	34	6	28	100
27	Diversity of Students							
	Name of Programme			% of students				
	B. Sc Zoology			<i>From same state</i>	<i>Other states</i>	<i>Abroad</i>		
	2016-17			100%	Nil	Nil		
28	Number of students who cleared national and state level competitive examinations (NET, SLET/ GATE/ Civil services/ Defense services/ PSC/UPSC)							
	Higher Education (PG & B. Ed)			6				
	Defense services			0				
	Others- Entrepreneurs/self employment			2				
	Private firms			0				
29	Student progression: Percentage of students gone for higher studies/employment				2016-17			
	UG to PG				25			
	UG to B Ed				8			
	Employed/private				0			
	Entrepreneurship/ Self employment				8			
30	Details of Infrastructural facilities (Library/ ICT/ Laboratory/ Instrumentation)							
	<ol style="list-style-type: none"> 1. An equipped lab having instruments to conduct physiological, biochemical, ecological and basic molecular biology works important instruments (Microscope, Centrifuge, Spectrophotometer, Colorimeter, Electrophoretic apparatus, Soxhlet apparatus etc) 2. Museum having preserved specimens from various groups of Chordates and non-chordates 3. Library having books on various interdisciplinary areas of life science as anatomy, molecular biology, genetics, environmental biology, biochemistry, biostatistics etc. 4. A huge collection of charts visualizing morphological, cytological or anatomical processes. 5. A projector and interactive board for handling ICT Learning Methods 6. A scanner, a scanner come printer and 2 printers for tracing diagrams from books photocopying information contents that can help students in practical record and project preparation 							

	7. Computer with internet access to create awareness and practicing on general informatics and bioinformatics (newly introduced topics in syllabus) in students.		
31	Number of students receiving financial assistance from college/ University/ Government or other agencies		
	<i>Year</i>		<i>No: of Students</i>
	2016-17		68
32	Details on Student Enrichment Programmes		
	<i>Year</i>	<i>Programme</i>	<i>Experts</i>
	2016-17	Field visit and Study tour to ecologically and technically relevant places and institutes	Faculty
33	Teaching Methods to improve student learning		
	8. Field visit 9. Study/ industrial visit to academic/ research institutions University Level 10. ICT Teaching methods including PowerPoint presentations, animated / real videos on biological process/ organisms 11. Peer Teaching 12. Remedial Teaching 13. Lecture method 14. Group discussion 15. Group projects- 16. Tutorial method 17. Seminars by students in current topics. 18. Conducting quiz. 19. Giving assignments 20. Using inter Net 21. Conducting lectures by academicians 22. Practicals 23. Audio Visual aids - charts, microscopic slides, animals, models 24. Group assignments		
34	Participation in institutional social responsibility and extension activities		
	1. Academic extension – Environment awareness campaigning including antiplastic/ waste disposal at source level, conservation of nature and resources. 2. Biodiversity register preparations 3. Providing coaching classes for Common admission Tests in Life Sciences 4. Development of Ecofriendly Campus 5. Providing awareness to bioinformatics programmes		

	<ol style="list-style-type: none"> 6. Social responsibility – Visit to Mentally retarded Centres (Human genetics- Giving aids of service/finance 7. Women empowerment through ornamental fish culture 8. Cleaning the campus and removing plastic wastes in nearby roads 9. Service to old age homes 10. Awareness classes on health and hygiene to t nearby schools
35	<p>SWOC Analysis of the Department and Future Plans</p> <p>STRENGTH</p> <ol style="list-style-type: none"> 1. Department Library 2. Department lab 3. Skilled teaching faculty 4. Good student- teacher bond 5. Social/ academic obligations of students and faculties 6. Disciplined and energetic students 7. Higher demand for the courses year after year. 8. Location of college in environmentally significant areas having rich biodiversity. <p>WEAKNESS</p> <ol style="list-style-type: none"> 1. Lack of enough space in lab, library and staff room. 2. Economically/ socially/ literary backwardness of the region 3. Moderate soft skill understanding in students. 4. Lack of enough funds for purchasing instruments. 5. Unscientific curriculum in preparation of lab records, practical sessions etc 6. Lack of funds for purchasing Bioinformatic softwares, Virtual dissections etc. <p>OPPURTUNITIES</p> <ol style="list-style-type: none"> 1. <u>For students</u>- can choose Interdisciplinary subjects for PG – M. Sc in Biotechnology, Bioinformatics, Biochemistry, Molecular Biology. 2. <u>For research</u>- The college is located in an environmentally significant area having rich biodiversity and offer unexplored areas for collecting information on biodiversity. (Nelliyamapathy hills, Parambikulam tiger reserve, Choolanoor peacock sanctuary are situated nearby). 3. <u>For teachers</u>- a remote college situated in economically/socially/literary backward area, can develop, encourage or equip students to main streams of society. Teachers can apply for projects/ research centers on biodiversity conservation. 4. Department can apply for the University for approving new certificate, PG or Diploma in areas of fresh water fish culture, bioinformatics, or environmental biology. <p>CHALLENGES</p> <ol style="list-style-type: none"> 1. Shortage of funds for purchasing lab instruments, project works etc 2. Rules and regulations regarding the approval of new course

3. Delay in exam results and university exam schedules
4. Recent trends in approaches of students to life science- ie., Avoiding traditional courses of life science as Zoology, Botany etc.

P.G.DEPARTMENT OF COMMERCE AND MANAGEMENT STUDIES

1	Name of the Department	PG DEPARTMENT OF COMMERCE AND MANAGEMENT STUDIES
2	Year of Establishment	1967
3	Name of Programmes/courses offered	UG- B.Com (FINANCE) BBA - (FINANCE) PG-M.com (FINANCE)
4	Names of interdisciplinary courses and Departments involved	Open course, All Department 1.Basic Accounting 2. E-commerce
5	Annual/Semester/Choice based credit system	UG – CUCBCSS PG – CUCBSS
6	Participation of the Department in the courses offered by other Departments	Nil
7	Courses in collaboration with other Universities, industries, foreign institutions etc	Nil
8	Details of courses/programmes discontinued	Nil
9	No: of teaching posts sanctioned/filled	
	Sanctioned	Filled
	13	13
		Guest/Temporary
		NIL

10	Faculty Profile				
	Name	Qualification	Designation	Specialization	Experience
1	Dr T. Sreekumar	M.Com., M.Phil., MBA. Ph.D.	Associate Professor	Finance	20 Years
2	Dr.Sindhu.K.P	M.Com., M.Phil, NET (JRF)MBA, Ph.D.	Assistant Professor	Finance	6 years
3	Mr.Vijesh Venugopal	M.Com., B.Ed., NET, SET, MBA, DCA,CCA	Assistant Professor	Finance	6 years
4	Smt.Deepthi.I	M.Com., B.Ed., NET, SET,DCFA	Assistant Professor	Marketing	4 years
5	Smt.Shyamala.M	M.Com, M.Phil, MBA,NET,PGDHRM, PGDIM,DIM	Assistant Professor	Finance	4 years

6	Smt. Chaithany.U	M.Com., NET (JRF)	Assistant Professor	Finance	3 years
7	Ms.Jothi Lakshmi.E	M.Com, M.Phil., NET,SET, HDC	Assistant Professor	Foreign Trade & Management	3 years
8	Mrs. Geetha.G.Nair	M.Com., NET (JRF)MBA,	Assistant Professor	Finance	3 years
9	Mr. Sreekumar.P.G	M.Com, NET, PGDBM	Assistant Professor	Finance	2 years
10	Mrs.Suvarna lakshmi.U	M.Com. ,NET	Assistant Professor	Marketing	7 years
11	Mrs. Ranjini Ramachandran. K	M.Com, NET, M.Phil	Assistant Professor	Finance	3 year
12	Mrs. Anjula .C.S	M.com, NET, SET	Assistant Professor	Finance	3 year
13	Dr.Anil. P.V.	M.Com., M.Phil, Ph.D.	Assistant Professor	Finance	1 year
11	List of senior visiting faculty			Nil	
12	Percentage of lectures delivered and practical classes handled (programme wise by temporary faculty)			Nil	
13	Student-teacher ratio			UG-B.com- 45:1, BBA 30:1 PG-M.com 10:1	
14	No: of academic support (technical) /administrative staff			Nil	
15	Number of teaching faculty with M.Phil/PhD			M.Com – 7 M. Phil. – 4 Ph. D – 3	
16	Number of faculty with projects from National/ International funding agencies and grant received			National: Nil International: Nil	
17	Departmental projects funded by DST-FIST, UGC, DBT, ICSSR etc.			NIL	
18	Research Centre/facility recognized by the University			Nil	
19 (a)	Publication Details (Department)				
(i)	Journals: 2		Vaniyam: Peer Reviewed Annual Journal Focus: Peer Reviewed Annual Journal		
19.(b)	Publication Details (Faculties)		Journals/Conference Proceedings/Books		
Peer Reviewed Journals					

	<i>Title/Journal/ Conference proceedings</i>	<i>National/International</i>
Papers/ Chapter in the edited book during 2016-17		
1	Sindhu K. P., & Urmila R.Menon (2016). An Empirical Analysis On Customer Perception Towards Online Shopping . IRACST – International Journal of Commerce, Business and Management (IJCBM), <i>Vol.V, Issue 4</i> , 50 - 57. ISSN 2319-2828, Impact Factor (GIF):2.13.	International
2	Sindhu K. P., & Rajitha Kumar S. (2016). Relationship Among Qualities Of Fund Management And Investment Decisions In Mutual Funds – A Pragmatic Approach. <i>ZENITH International Journal of Business Economics & Management Research, Vol.VI, Issue 9</i> , 21 - 28. ISSN 2249-8826, Available at zenithresearch.org.in , Impact Factor(GIF):4.134.	International
3	Sindhu K.P.(2017). A Study on Influence of People on Investment Decisions. In Kalidas M.G., Chandrabhanu M & Rajitha C.R., <i>Financial Services Markets in India –Opportunities & Challenges,(pp.129-143)</i> New Delhi: Sonali Publications. ISBN : 978-81-8411-615-1.	National
4	T. Sreekumar.(2017). Performance of District Central Cooperative Banks in India. In Kalidas M.G., Chandrabhanu M & Rajitha C.R., <i>Financial Services Markets in India –Opportunities & Challenges,(pp.129-143)</i> New Delhi: Sonali Publications.ISBN: 978-81-8411-615-1.	National
Workshop/ Seminar attended		
Dr.Sindhu K.P. presented a paper on “The role of Quantitative Finance in Indian Financial Markets.” in the National Seminar on the Topic Applied Statistics and Quantitative Finance sponsored by Govt. of Kerala ,organised by Post Graduate Department of Statistics, Govt. Victoria College, Palakkad		8-9 December 2016
Dr.Sindhu K.P. Participated in the National Seminar on the Topic Goods and Service Tax (GST) organised by Commerce Association of Kerala ,held at Logic School of Management ,Kochi, Kerala		13/5/2017
Vijesh Venugopal. Participated in International workshop on IFRS organized by department of Commerce and Management Studies, University of Calicut		20/06/2016 To 26/06/2016

Vijesh Venugopal Participated in the One day workshop – Acquiring API scores and submitting PBAS based Proposal under CAS- organized by IQAC, Christ College, Irinjalakuda	01/04/2017
Shyamala M Participated and Presented a paper on Impact of Television Advertisement on Women’s Buying Behavior in Palakkad Two day national conference on the topic “Recent trends in Commerce” Organized by Yuvakshetra college, Mundur,	04/11/2016 05/11/2016
Shyamala M Participated and Presented a paper on Accounting Standards – Changing path to IFRS in the National seminar Organized by Government Victoria College sponsored by Directorate of Collegiate Education Kerala	14/12/2016 15/12/2016
Shyamala M & Jothilakshmi E Participated and Presented a paper on “GST and its Impact on FMCG Products in the UGC sponsored in the National Seminar organized by St.Michael’s College, Cherthala	10/11/2016 11/11/2016
Shyamala M Participated in the One day Capacity Building Cluster Workshop for internal Mentors of Walk With a Scholar Programme in Government College, Chittur, Organised by the office of the New Initiatives in Higher Education, on 17 th January, 2017.	17/01/2017
Chaithanya U, Sreekumar P.G.,Ranjini Ramachandran K.& Anjula C.S Participated and Presented a paper on Demonetization and Indian economy KeralaEconomy@60:Development in Retrospect and Prospect conducted by department of Economics, Govt Arts College, Thiruvananthapuram sponsored by Directorateof Collegiate Education	02/02/2017 03/02/2017 04/02/2017
Jothilakshmi E Participated in Trading Prospects from Indian carbon market perspective organized by PG department of Commerce and Research Centre, Bharathamatha College, Thrikkara, Cochin	29/08/2016 30/08/2016 31/08/2016
Sreekumar P.G. Participated in International workshop on IFRS organized by department of Commerce and Management Studies, University of Calicut	20/06/2016 To 26/06/2016
Dr.Anil P.V. participated in the Directorate of Collegiate Education, Govt of Kerala Sponsored Two days National Seminar on IFRS: Convergence and Financial reporting in India.	02/11/2016
Dr.Anil P.V .participated in the Two day Residential Capacity Building Workshops for Coordinators of the Scholar Support Programme organized by the office of the new Initiatives in Higher Education, Department of Collegiate Education, Govt of kerala.	03/11/2016 04/11/2016

Dr.Anil P.V. participated in the One day Capacity Building Cluster Workshop for internal Mentors of Walk With a Scholar Programme in Government College, Chittur, Organised by the office of the New Initiatives in Higher Education, on 17 th January, 2017.		17/1/ 2017.
Dr.Anil P.V .participated in the Faculty Development Programme on “COMMODITY DERIVATIVES MARKET” Sponsored by Pondicherry University Department of Commerce (UGC SAP DRS II) SOM.		23/03/2017 24/03/2017
20	Areas of consultancy and amount generated	Income Tax consultancy services Personal Investment Consultancy Research consultancy All are offered free of cost.
21	Faculty as members in National/International Committees Editorial Boards	
	<i>Name of Faculty</i>	<i>Committee/Board</i>
1	Dr.T. Sreekumar	Member of Board of Studies in Commerce (U.G.) B.Com. Calicut University. Chair Person, Scrutiny Board for B.Voc., Kerala University, U.G. Question paper setter for Various Universities and autonomous colleges, PG Viva Board member, Question Paper setter for Kerala Public Service Commission.
2	Dr. Sindhu K.P.	Member of Board of Studies in Travel and Tourism (Single Board) Calicut University. Member of an editorial Board of Associated Asia Research Foundation. Member of editorial Board of International Journal in Management and Social science.

		Chair Person for various UGC sponsored seminars; Resource Person for various UGC sponsored seminars. Member of Panel discussion in a symposium organized by Kerala Higher Education Council. Question paper setter for autonomous college and external evaluator
5	Vijesh Venugopal	Question paper setter for autonomous colleges, Question Paper setter for Kerala Public Service Commission, Subject Expert for the interview of Guest Lecturers, Member of Study Material Preparation for Calicut University SDE.
6	Deepthi.I	Question paper setter for autonomous colleges, Thrissur.
7	Shyamala.M	Question Paper setter for Kerala Public Service Commission, Subject Expert for the interview of Guest Lecturers, Member of Study Material Preparation for Calicut University SDE , Chair Person for National and Regional seminars,
8	Mrs. Geetha.G.Nair	Question paper setter for Autonomous colleges, PG Viva Board member for Autonomous colleges.
22	Student Projects:	
a	Percentage of Students who have done in-house / inter-departmental programme	100 %
b	Percentage of students placed for projects in organizations outside the institution (Research laboratories/ industries etc)	Nil
23	Awards/Recognitions received by students	
	Name	Item
		Award/Recognition

1	Urmila Menon	M.Phil- Entrance Calicut University	Second Rank					
2	Dinesh.S	Thaikond	Gold Medal winner University Level					
3	Sreenath.S	Thaikond	Third Prize winner University Level					
4	Aiswarya Das	400 mts. race	First Prize in Sports meet at Calicut University.					
5	Aiswarya Das	Shot-put	First Prize in Amateur Meet – University Level					
6	Anisha P	200 mts. race	Second Place in Sports meet at Calicut University.					
7	Swadish Sundar	Water colour and Poster Designing	First and Second Prize- Organized by Science forum in connection with World Environment Day					
8	Swadish Sundar	Long Jump	Second Prize in the sports meet by NSS college.					
9	Bhavya Sree	Light Music	Second Position in A Zone					
10	Sivaprasad	Carnatic Music	Second Position in A Zone					
24	List of eminent academicians and scientists/ visitors to the Department							
	Academician/ Scientist		Occasion					
1	Sri P. Suresh Menon. AGM, Central Bank of India		Student Enrich Programme					
2	Sri.E.S.Unnikrishnan, GM, South Indian Bank, Thrissur		One day Regional Seminar					
3	Dr. Jaya Mohan, Chief General Manager, CMRL, Kochi		ED One day seminar					
4	Venkidesh, District Industrial Extension officer,		ED Club					
25	Seminars/ Conferences/ Workshops organized and the source of funding							
	Event	National/ Regional	Funding Agency					
1	Seminar	Regional	P.G.Department of Commerce					
2	Seminar	Regional	P. G.Department of Commerce					
26 Students profile program/course wise								
	Name of Programme	Year	Students applied	Students admitted	Enrolled			Pass (%)
	BBA	2016-17	CAP	46	Total	Male	Female	89
	B Com		CAP	61	46	17	29	89
	M Com		CAP	21	61	22	39	89
					21	5	16	-
27	Diversity of Students							

	Name of Programme	Percentage of students		
		From same state	Other states	Abroad
	B.Com/BBA/M.com	100 %	NIL	NIL
28	Number of students who cleared national and state level competitive examinations (NET, SLET/ GATE/ Civil services/ Defense services/ PSC/UPSC)			
	NET		2	
	CAT		3	
	BANK		9	
	Higher Education		17	
	Defense services		2	
	PSC		1	
	Others- Entrepreneurs		7	
29	Student progression Percentage of students progressing to higher education or employment			
	UG to PG		29	
	PG to M.Phil		1	
	Employed		12	
	Entrepreneurship/ Self employment		7	
30	Details of Infrastructural facilities (Library/ ICT/ Laboratory/ Instrumentation)			
	8. Well equipped Library having more than 300 books and various Journals.			
	9. The Department two projectors and two printers for conducting seminars and helping students.			
	10. A well equipped computer lab having 11Desk top computers Lap Top and two with internet access & one smart class			
31	Number of students receiving financial assistance from college/ University/ Government or other agencies			
	<i>Year</i>		<i>No: of Students</i>	
	2016-17		29	
32	Details on Student Enrichment Programmes			
	<i>Year</i>	<i>Programme</i>	<i>Experts</i>	
	2016-17	A talk on demonization and its impact	Sri P. Suresh Menon. AGM, Central Bank of India	

33	<p>Teaching Methods to improve student learning</p> <ol style="list-style-type: none"> 25. ICT Teaching methods followed 26. Peer Teaching 27. Remedial Teaching 28. Lecture method 29. Group discussion 30. Group projects 31. Tutorial method 32. Seminars by students in current topics. 33. Conducting debates in relevant topics. 34. Conducting business quiz. 35. Giving assignments relating to business, budgets, changing policies etc. 36. Net based teaching 37. Conducting seminars and Invited talks by eminent persons in relevant topics included in the syllabus
34	<p>Participation in institutional social responsibility and extension activities</p> <ol style="list-style-type: none"> 11. Academic extension – Financial Literacy awareness programme. 12. Tax consultancy services 13. Providing UGC-NET coaching classes for M.com Students 14. Providing computer literacy for homemakers of neighborhood
34. (B)	<ul style="list-style-type: none"> • An awareness campaigning on GST among shopkeepers and local people
35	<p>SWOC Analysis of the Department and Future Plans</p> <p>Strength</p> <ol style="list-style-type: none"> 1. Dedicated and well qualified teaching faculty 2. Healthy student- teacher relationship 3. Department Library 4. Socially responsible students and faculties. 5. Computer lab 6. Endowment distribution to meritorious students sponsored by alumni. 7. Commendable discipline among students 8. Supportive parents 9. Subject with high potential. 10. Efficient tutorial system giving personal care for each and every student. <p>Weakness</p> <ol style="list-style-type: none"> 7. Low economic and social background of students. 8. Poor soft skill knowledge in students. 9. Low literacy level in the locality. 10. Admission to non-commerce students in U.G course. 11. Heterogeneous student input.

Opportunities

1. High demand for commerce graduated and post graduates.
2. BBA Students have higher opportunity for admission in MBA courses.
3. High scope for academic progression
4. Campus selection
5. Feeder to professional courses like CA, ICWA, CS etc.

Challenges

5. Shortage of funds.
6. Delay in exam results.
7. Transportation facility is inadequate.
8. Limited time for extension activities.

FUTURE PLANS

- The Department is pursuing towards Research Department.
- To offer short term Certificate course in Tax consultancy for PG Students and for students of nearby locality and thereby enriching the society.
- Mobilizing fund for research from International Agencies & Organizations.
- To provide PSC and other Competitive Exam oriented classes to economically backward students in and around Nemmara Panchayat.
- To offer technical skill development and entrepreneurial traits in collaboration with District Industries Centre, Kinfra,
- To increase our infrastructural facilities with the help of various funding Agencies and alumni.