

ANNAI VELANKANNI COLLEGE
Tholayavattam – 629157 Kanyakumari District
Tamil Nadu

SELF STUDY REPORT (SSR)

May 2016



Submitted to
National Assessment and Accreditation Council
(NAAC)
Bangalore – 560 072

annaivelankannicollege@gmail.com

www.annaicollege.org



ANNAI VELANKANNI COLLEGE

THOLAYAVATTAM - 629 157, (VIA) KARUNGAL, K.K. DIST.

☎ : 04651 - 235270, 234651, Off. Mobile : 9486935270

E-mail: annaivelankannioffice@gmail.com, annaivelankannicollege@gmail.com.

Dr. S. Maria John, M.Com., B.Ed., PGDCA, MBA, Ph.D.
Principal

Date ...16.05.2016.....

To

The Director,
National Assessment and Accreditation Council,
P.O. Box No. 1075, Nagarbhavi,
Bangalore - 560 072

Dear Sir,

Sub : Submission of Self Study Report (SSR) to NAAC - Reg.

I am happy to present the Self Study Report (SSR) of our College for the first cycle of accreditation by NAAC.

I request your goodself to kindly arrange for the Peer Team Visit to our College.

Thank you,

Yours Sincerely,


Principal 16.5.16



ANNAI VELANKANNI COLLEGE
Tholayavattam – 629157 Kanyakumari District
Tamil Nadu

SELF STUDY REPORT (SSR)

May 2016



Submitted to
National Assessment and Accreditation Council
(NAAC)
Bangalore – 560 072

annaivelankannicollege@gmail.com

www.annaicollege.org

CONTENTS

Sl. No.	Contents	Page No.
A.	Executive Summary	7
B.	Profile of the Institution	15
C.	Criterion-wise Analytical Report	24
I	Curricular Aspects	25
II	Teaching-Learning and Evaluation	53
III	Research, Consultancy and Extension	86
IV	Infrastructure and Learning Resources	158
V	Student Support and Progression	180
VI	Governance, Leadership and Management	221
VII	Innovations and Best Practices	248
D.	Evaluative Report of the Departments	254
E.	Declaration by the Head of the Institution	370
F.	Certificate of Complainece	371
G.	Annexure	372

LIST OF ABBREVIATIONS USED

AIPMT	All India Pre Medical Test
AMC	Annual Maintenance Contract
AVION	Annai Velankanni Innovation of New Ideas
BOS	Board of Studies
CESS	Centre for Earth Science Studies
CPCRI	Central Plantation Crops Research Institute
CSC	Computer Software College
CUSAT	Cochin University of Science and Technology
CYBA	Cape Young Scientist Biological Association
DST	Department of Science and Technology
DTP	Desktop Printing
ECO	Ecology
IBM	International Business Machines Corporation
ICT	Information and Communications Technology
ID	Identity Card
IIST	Indian Institute of Science and Technology
IIT	Indian Institute of Technology
ILL	Inter Library Loan
ILO	International Labour Organisation
INFLIBNET	Information and Library Network
ISDL	International School of Dravidian Linguistics
JSPS	Japan Society for the Promotion of Science
NIIST	National Institute for Interdisciplinary Science and Technology
N-LIST	National Library and Information Services Infrastructure for Scholarly Content
NMCC	Nesamony Memorial Christian College
NME	Non Major Elective

NPTEL	National Programme on Technology Enhanced Learning
NSS	National Service Scheme
OBC	Other Backward Class
PANSA	Performing Arts Network of South Africa
PG	Post Graduate
PTA	Parent Teachers Association
RRC	Red Ribbon Club
RRL	Regional research laboratory
SAIF	Sophisticated Analytical Instrument Facility
SAVE	Social Activities for Village Empowerment
SC/ST	Scheduled Caste / Scheduled Tribe
SCILET	Study Centre for Indian Literature in English and Translation
SIPCOT	State Industries Promotion Corporation of Tamil Nadu Limited
SIYB	Start and Improve Your Business
SPKC	Sri Paramakalyani College
SPOC	Special Person on Contact
TASMAC	Tamil Nadu State Marketing Corporation
TBGRI	Tropical Botanic Garden and Research Institute
TDMNS	Tirunelveli Dakshina Mara Nadar Sangam College
TNPCB	Tamil Nadu State Pollution Control Board
TNPSC	Tamil Nadu Public Service Commission
UG	Under Graduate
UPS	Uninterruptible Power Supply
VAO	Village Administrative officer
VSSC	Vikram Sarabhai Space Research centre
YMCA	Young Men's Christian Associations
YRC	Youth Red Cross

A. EXECUTIVE SUMMARY

Annai Velankanni College, Tholayavattam, Kanyakumari District was established in 26. 05. 1987 as a self financing institution affiliated to Madurai Kamaraj University. The College is owned by Friends of Kottar Society and administered by Annai Velankanni College Administrative Board. Ever since its inception, Annai Velankanni College has been rendering great service to the local populace in the area of Higher Education without any discrimination on the basis of religion, caste and community. When Manonmaniam Sundaranar University came into being on 07.09.1990 as a teaching and affiliating University comprising the Colleges of Thoothukudi, Tirunelveli and Kanyakumari Districts, our College also became affiliated to it. Our College is a co-educational institution offering graduate, post graduate and M.Phil programmes in Arts, Science and Commerce disciplines. The College now offers ten UG programmes, eight PG programmes and five M.Phil programmes in various disciplines.

CRITERION I: Curricular Aspects

We aim at enlightening and empowering the youth of the region by providing programmes relevant to the local needs so that they can seek better employment. As an affiliated College, the College follows the curriculum framed by the affiliating University. The faculty of the College serve as members of academic bodies such as Board of Studies and contribute to the development of the curriculum by the University. The departments of the College provide necessary inputs to the development of the curriculum by the University, based on what they infer from the feedbacks on curriculum.

The introduction of Choice Based Credit System (CBCS) in the academic year 2008-2009 offers some extent of academic flexibility. Our University syllabus comprises Core, Allied, Skill Based and Non-Major Electives and value oriented subjects. The Allied, Skill Based and Non-Major Electives and value oriented subjects allow the students to learn and accumulate knowledge from outside their chosen field of study. Elective option is available for both the U.G. and the P.G. students. Non-major electives have been offered in modular form from 2009-2012 for the U.G. second year students. Separate papers on 'Environmental Studies', 'Social Value Education', and 'Personality Development' are offered compulsorily to the U.G. students in the first, second and fifth semesters respectively.

The College provides its own add-on courses for the students, the curricula for which are designed by the College.

The College ensures effective implementation of the curriculum by carrying out various activities. Industry-institute interaction is encouraged for effective operationalisation of the curriculum. The faculty are given periodical orientation programmes on curricular aspects.

To integrate the academic programmes and goal of the Institution, our College has taken several initiatives to supplement the curriculum. Departments and various Committees take efforts to conduct programmes such as recent developments/emerging trends, career guidance programmes, gender issues, environmental issues, employability and life skill classes, extension activities, skill development programmes and enrichment programmes.

Criterion II: Teaching-Learning and Evaluation

Vast majority of the people living in this part of the district in which the College is situated, hail from poor socioeconomic background. Not only they are mostly from backward communities, they are invariably first generation graduates. The presence of this College in this region is a great boon to them educationally. The College draws pride in admitting, teaching and serving them. Students are admitted on merit cum means basis. The College extends wide publicity in a planned manner through advertisements in News Papers, College Prospectus and Billboards. The admission process is handled by the Admission Committee headed by the Principal.

A lot of the students admitted are from economically weaker and disadvantaged sections of the society. Taking into account, the backgrounds of our students, the College makes it a point to support their studies economically, by ensuring that the existing government scholarships are availed by all the eligible students. The Management also supports the students who are genuinely in need of financial help. Bridge courses at the beginning of the Under Graduate Programmes are conducted to make the students cope with the requirements of a Higher Educational Institution. Bridge course classes cover basics of their respective subjects, basics of English Language and basics of computer literacy. At the end of the bridge course, an entry level test is conducted to assess the knowledge level of the students and address their needs.

The teaching, learning and evaluation schedules are organized through the College Handbook, Department Annual Plan and the Course file. The faculty are provided with orientation programmes to ensure there is continuous improvement in the teaching learning process. There are sufficient opportunities available to the students to make learning a student centric process and the College puts up continuous efforts to make student centric learning process more prevalent and be fruitful. Opportunities are provided to the students to nurture critical thinking, creativity, scientific temper, to expose them to advanced level of knowledge and to make them life-long learners. Improvement in the quality of the teachers makes improvement in the teaching learning processes. So efforts are on to develop the teaching skills as well as subject expertise of the teachers.

Criterion III: Research, Consultancy and Extension

To address the issues connected with research, the College has a Research Committee. The Research Committee takes efforts to publish an annual ISSN numbered multi-disciplinary research journal. All the departments organize conferences/seminars/symposia in emerging trends of their respective areas. Faculty and students are encouraged to present papers in seminars/publish papers in research journals. The College has no recognised research centre. Faculty are encouraged to do research. There are twenty Ph.D holders among the faculty and twenty four are pursuing research for Ph.D. Eminent researchers who visit at the time of conferences as resource persons and the opportunity to do projects for the Post Graduate and M.Phil students as part of curriculum and the opportunity to take part and present papers in conferences and orientation and awareness programmes help to create research culture and aptitude among students. Net connectivity, E-resources and the infrastructure facilities available in M.Phil departments contribute to a large extent, in helping the students present/publish papers. Our Faculty and students published 173 Research papers in reputed National/International Journals, Eighty Three research paper presentations have been made in National/International seminars.

Criterion IV: Infrastructural and Learning Resources

The Institution is aware that infrastructural facilities facilitate effective and efficient conduct of educational programmes and promote academic excellence. The Institution creates necessary infrastructure continuously, based on the increasing requirements. The Institution is well equipped with physical infrastructural facilities like adequate classrooms, laboratories, libraries, staff rooms, waiting shed, auditorium, administrative block, vehicle shed, health centre, canteen, tracks, playgrounds and toilets satisfying all kinds of needs. All infrastructural facilities are optimally used. Despite financial constraints, the College makes efforts to cope with the demands of the times, by providing IT facilities like net connectivity, INFLIBNET facilities and LCD projectors. The Institution provides transportation facilities too for the students to reduce the hardships due to inadequacy of public/private transport services. The Institution has a vast lush-green campus of 40.19 acres. The secluded and serene campus provides a pleasant working environment. The library is augmented annually. The library supports the teaching-learning process as per requirements. There are 16599 books and 21 journals as on 21.04.2016. All laboratories are well equipped. Augmentation and maintenance of laboratories is carried out under the supervision of Heads of the Departments. Maintenance of IT works is carried out by trained technical personal of the College.

Criterion V: Student Support and Progression

The Institution publishes its updated Prospectus every academic year. The Institution takes care to ensure all necessary information of the institution, a student or parent wants to know at the time of admission, find place in the Prospectus. The information about the Institution and all its Departments are uploaded in its website: www.annaiCollege.org. The Handbook covers information like Administrative Structure, Management Committee, Vision and Mission Statement, Brief History of the College, Academic details, Committees, Scholarships, Awards and Endowments, Co and Extra-curricular activities, Rules and Regulations of the College, Academic Calendar etc. Reopening date, commencement of classes for freshers, working days, holidays, the date of commencement of internal tests, model tests and the last working day for each semester are scheduled and printed in the academic calendar. A copy of the Handbook is issued to all the students and the staff members. Schedules printed in the Handbook are seldom changed and teachers are expected to strictly adhere to them in finishing their teaching, revision and evaluation exercises. The Institution ensures cent percent commitment and accountability to what is given in the Website, Prospectus and the Handbook.

Special talents and skills of the students are identified and there are opportunities to hone and develop their skills. They are encouraged to take part in programmes/competitions conducted by outside agencies. There are enough opportunities, such as, inter departmental competitions, cultural competitions, literary competitions, quizzes, debates etc provided to them to develop their skills in the College. The Fine Arts Club, Mother Tongue Cell, English Literary Club College Magazine, Department Magazines provide the platform for the students to develop and showcase their talents. In sports and games, our College teams participate in University competitions regularly.

There is an elected Students' council, consisting of class representatives. Students' council is a forum where students raise issues connected with their common needs and grievances.

Remedial Classes are conducted for the identified slow learners.

The Placement Cell of our College organizes orientation /awareness/motivational Programmes on higher education and employment opportunities. They organize coaching classes for competitive exams. Over the years, the alumni of the Annai Velankanni College have been able to getting placed as army men, school teachers (Government/Private) and quite a few in Higher Educational/ Research Institutes. There are successful entrepreneurs/businessmen and social activists working for the welfare of the people/society among our alumni.

Annai Velankanni College can lay claim to the credit that through a vibrant scholarship section in the College office, it is ensured that students avail the benefits of all Government scholarships meant for them. Full assistance is provided to students to obtain Government scholarship. Issue and collection of scholarship application, opening of bank account, online

registration etc. are done through the College Office because of which maximum number of students are able to avail the Government scholarships without any strain. Apart from Government Scholarships, there are other financial supports provided by the Management to genuinely needy students. The amount spent in this regard and the number of students benefitted every year are in itself a real indicator of the socio-economic background of the students. Students' welfare fund, for which funds are mobilized by staff and students, to support poor and meritorious students to continue their studies.

Criterion VI: Governance, Leadership and Management

As enshrined in the Vision and Mission statement of the College, the objective of the founding-fathers of the College is the empowerment of the rural population of this area. Their foresightedness is best exemplified by the fact that even now, after 29 years of its inception, the College continues to attract first generation graduates and the first generation graduates hailing from this locality form the major chunk of the student population of the College. The College aims to mould them into a confident youth, one who can successfully conquer the hitherto unknown barriers to become a proud citizen of this country, contributing to its growth and development by being an employee/employer.

Annai Velankanni College Administrative Board, the Management of Annai Velankanni College, is the guiding force that leads the College in its journey of realizing the Vision and Mission statement of the College, the dream of its founding fathers. The Management is very particular that the improvement and sustainment in quality achieved in the institution is student oriented and beneficial to the students first and foremost.

The broader guidelines for the functioning of the College are framed based upon the Vision and Mission statement of the College by the Management. The Principal coordinates closely with the Management, Faculty, Administrative Staff and Students and ensures the effective and efficient functioning of the College. Ex-officio Committee meetings, Staff Council meetings, Staff meetings, Department meetings and Students Council meetings and also through informal interactions, the Principal ensures that the curricular, co-curricular and extra-curricular activities and student support activities are carried out with utmost efficiency. An atmosphere conducive to learning prevails in the College.

Professional development of the faculty is ensured through arranging continuous rejuvenation programmes in the College and through the encouragement to attend programmes conducted in other Colleges/institutes. To maintain teacher quality, the teachers are encouraged to involve in research activities and participate and present papers in conferences and seminars at the national and international levels.

Committees are formed and each Committee plans and fulfils the responsibilities assigned to it. The academic units are controlled by the Heads of the Departments and Faculty members. The responsibilities of the

administrative units are decentralized with everyone's role clearly defined. The primary objective of the institution is to enable the students to cope with the demands of the employment market through effective transaction of the curricular and co-curricular aspects.

Criterion VII: Innovations and Best Practices

Every possible effort is made to keep the campus eco-friendly. Plastic free culture is being developed inside the College campus. We have been consistent in our efforts to make the campus green and clean and we have formed a Campus Improvement and Eco Club and a Gardening and Campus Cleanliness Committee for fulfilling those efforts. The plants inside the campus are documented. Rainwater Harvesting System, restricting use of plastics, planting saplings on the campus are some of the initiatives that motivate the students to protect the environment. Our students lend helping hands to the District administration in taking animal census of the district. The College has a lot of electric and electronic equipment. The College is striving to inculcate austerity measures among faculty members and students in using water and electricity. The class rooms receive sufficient day light and are well-ventilated, facilitating the conservation of electricity.

The College has a proper waste disposal system. Carbon emission is kept to the minimum in the campus, as we do not use refrigerator, air-conditioners and other carbon emitting equipment on large scale.

Regarding the issue of e-waste, currently the College manages the issue by arranging regular maintenance of electrical and electronic equipment to reduce e-waste. After life time the electrical and electronic equipment are sold as scrap.

International Days are celebrated to create environmental awareness among students. Two of the best practices followed by us worth mentioning are

- i) Students' Welfare Fund and
- ii) Involvement of all the staff members in Monitoring Students' Discipline.

SWOC ANALYSIS OF THE INSTITUTION

Strengths

- Noteworthy academic results including University Ranks.
- Encouragement to research and publication activities.
- Exposure of students to industries, research bodies and institutes of repute.
- Encouragement to organize regional/national seminars, conferences, symposia and workshops.
- Ample opportunities for the students to develop their knowledge/ skills/ talents
- Sufficient recognition and rewards for achievements.
- Adequate infrastructure facilities.
- Adequate transportation facilities at the time of the starting and the closing hours of the College (College and Public/ Private).
- Extensive support to students to avail various scholarships and Management support to needy students.
- Visionary Management.
- Opportunities for the students to interact with the community.
- Well equipped Lab facilities
- Very low dropout rate.
- Post Graduate and M. Phil. courses.

Weaknesses:

- No recognized research center in the College.
- Not all benefits enjoyed by students studying in aided/ government Colleges are extended to students of self financing Colleges.
- Only those companies which are interested in marketing personnel, showing interest in conducting campus drives in our College.
- Students from the feeder schools of the surrounding villages with good scores prefer professional courses or aided Colleges.
- Financial burden on Management in organizing programmes for the students in the College or in sending staff/ students to programmes organized by outside agencies.
- Financial burden on Management in paying salary for the staff.
- Lacking of ICT enabled classrooms.

Opportunities

- Vast, beautiful, green and eco-friendly campus.
- Easy access to rural population.
- Students are mostly first generation graduates.
- INFLIBNET
- Representation of faculty in the academic bodies of the affiliating University and autonomous Colleges.
- Empowerment of Women.
- Empowerment of rural/ marginalized/ downtrodden sections of the society.

- Promotion of research culture among students.

Challenges/ Threats

- Realising student centric teaching-learning processes.
- Filling up institute-industry gap
- Integration of the academic programmes and the Institution's goals and objectives.
- Strengthening the extension activities; interacting with the community on a regular basis.
- Inspiring and motivating the faculty to fulfill the requirements of organizational changes.
- Inspiring and motivating the faculty to equip themselves to meet the challenges of fostering global competencies among students.
- Coaching the students for competitive exams.
- Continuous enhancement and proper maintenance of infrastructure.
- Establishment of ICT infrastructure.
- Proper and optimal usage of existing facilities.
- Financial constraints

B. PROFILE OF THE INSTITUTION

1. Name and Address of the College:

Name : ANNAI VELANKANNI COLLEGE
 Address : Tholayavattam
 City : Karungal – 629157
 State : Tamil Nadu

2. For Communication

Designation	Name	Telephone with STD code	Mobile	Fax	Email
Principal	Dr. S.Maria John	O : 04651-234651 R : 04652-265799	9442025030	04651-235270	drsmjohn@gmail.com
Steering Committee Coordinator	Mr. M.Anto	O : 04651-267212 R : 04651-258130	9487614009	-	antorbjm@gmail.com

3. Status of the Institution:

- a. Affiliated College ☒
- b. Constituent College ☐
- c. Any other (specify) ☐

4. Type of Institution:

- a. By Gender
- i. For Men ☐
- ii. For Women ☐
- iii. Co-education ☒
- b. By Shift
- i. Regular ☒
- ii. Day ☐
- iii. Evening ☐

5. Is it a recognized minority institution?

- Yes ☐
- No ☒

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

6. Source of funding:

- Government ☐
- Grant-in-aid ☐
- Self-financing ☒
- Any other ☐

7. a. Date of establishment of the college: 26/05/1987 (dd/mm/yy)
 b. University to which the college is affiliated / or which governs the college (If it is a constituent college)

- Affiliated to Madurai Kamaraj University, Madurai, Tamil Nadu till 07.09.1990.
- Affiliated to Manonmaniam Sundaranar University, Tirunelveli, TamilNadu from 07.09.1990 onwards.

c. Details of UGC recognition

Under section	Date, Month & Year (dd-mm-yyyy)	Remarks (if any)
2(f)	-	Applied to the UGC on 14.02.2014.
12(B)	-	-

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

Not Applicable

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

Yes ☒ No ☐

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

Yes ☐ No ☒

9. Is the college recognized

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

Yes ☐ No ☒

If yes, date of recognition: (dd/mm/yyyy)

b. for its performance by any other governmental agency?

Yes ☐ No ☒

If yes, Name of the agency

..... and Date of recognition:

..... (dd/mm/yyyy)

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

Location *	Rural
Campus area in sq. mts.	162643.16
Built up area in sq. mts.	18765.21

(* Urban, Semi-urban, Rural, Tribal, Hilly Area, Any others specify)

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

Auditorium - 1 ☒

Seminar complex with infrastructural facilities ☐

- Sports facilities
 - play ground ☒
 - swimming pool ☐
 - gymnasium ☐

- Hostel
 - Boys Hostel ☐

- i. Number of Hostels
 - ii. Number of inmates

- iii. Facilities (mention available facilities)
- Girls' hostel ☐

- i. Number of hostels
 - ii. Number of inmates

- iii. Facilities (mention available facilities)
- Working women's hostel ☐

- i. Number of inmates
 - ii. Facilities (mention available facilities)

- Residential facilities for teaching and non-teaching staff (give numbers available - cadre wise) - Nil

- Cafeteria - 1

- Health Centre - 1

First aid ☒

Inpatient ☐

Outpatient ☐

Emergency care facility ☐

Ambulance ☐

- Health centre staff - Nil
 - Qualified doctor Full time ☐ Part-time ☐
 - Qualified Nurse Full time ☐ Part-time ☐

- Facilities like banking, post office, book shops : Nil

- Transport facilities to cater to the needs of students and staff : 6 Buses

- Animal house : Nil
- Biological waste disposal : Yes
- Generator or other facility for management/
regulation of electricity and voltage : Yes
- Waste management facility : Yes
- Waste water management : Yes
- Water harvesting : Yes

12. Details of programmes offered by the college (Give data for current academic year 2015-2016)

Sl.No.	Programme Level	Name of the Programme/ Course	Duration	Entry Qualification	Medium of instruction	Sanctioned/ approved Student strength	No. of students admitted
1.	Under Graduate	B.A. Tamil B.A. English B.Sc.Mathemtics B.Sc. Physics B.Sc. Chemistry B.Sc.ComputerScience B.Sc. Bio-Technology B.Sc. Zoology B.B.A. B.Com.	3 years 3 years 3 years 3 years 3 years 3 years 3 years 3 years 3 years 3 years 3 years	XII std XII std XII std XII std XII std XII std XII std XII std XII std XII std XII std	Tamil English English English English English English English English English English	64 64 48 48 48 48 35 48 48 64 64	39 64 48 48 48 48 30 31 34 64 64
2.	Post Graduate	M.A. Tamil M.A. English M.Sc. Mathematics M.Sc. Physics M.Sc. Chemistry M.Sc.ComputerScience M.Sc. Bio-Technology M.Com.	2 years 2 years 2 years 2 years 2 years 2 years 2 years 2 years	Bachelor Degree Bachelor Degree Bachelor Degree Bachelor Degree Bachelor Degree Bachelor Degree Bachelor Degree Bachelor Degree	Tamil English English English English English English English	30 30 25 25 25 25 25 25	11 30 25 25 25 14 12 23
3.	Integrated ProgrammesPG	—	—	—	—	—	—
4.	Ph.D.	—	—	—	—	—	—
5.	M.Phil.	M.Phil. Tamil M.Phil. Mathematics M.Phil. Physics M.Phil. Chemistry M.Phil. Commerce	1 year 1 year 1 year 1 year 1 year	Master Degree Master Degree Master Degree Master Degree Master Degree	Tamil English English English English	10 10 5 10 10	10 10 5 4 7
6.	Certificate Courses	—	—	—	—	—	—
7.	UG Diploma	—	—	—	—	—	—
8.	PG Diploma	—	—	—	—	—	—
9.	Any other specify and provide details	—	—	—	—	—	—

13. Does the college offer self-financed Programmes?

Yes ☒ No ☐

If yes, how many? : 23

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

Yes	☒	No	☐	Number	11

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

Faculty	Departments (eg. Physics, Botany, History etc.)	UG	PG	Research (M.Phil.)
Science	Maths, Physics, Chemistry, Computer Science, Biotechnology, Zoology	6	5	3
Arts	English, Tamil	2	2	1
Commerce	Commerce	1	1	1
Any Other (Specify)	Business Administration	1	-	-

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

a. annual system ☐

b. semester system ☐

c. trimester system ☐

17. Number of Programmes with

a. Choice Based Credit System ☐

b. Inter/Multidisciplinary Approach ☐

c. Any other (specify and provide details) ☐

18. Does the College offer UG and / or PG programmes in Teacher Education?

Yes ☐ No ☒

If yes,

a. Year of Introduction of the programme(s)..... (dd/mm/yyyy)

and number of batches that completed the programme ☐

b. NCTE recognition details (if applicable)

Notification No.:

Date: dd/mm/yyyy)

Validity:

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

Yes ☐ No ☒

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

Yes ☐ No ☒

If yes,

a. Year of Introduction of the programme(s).....
(dd/mm/yyyy) and number of batches that completed the programme

b. NCTE recognition details (if applicable)

Notification No.:.....Date:

(dd/mm/yyyy) Validity:.....

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

Yes ☐ No ☒

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

Positions	Teaching faculty						Non-teaching staff		Technical Staff	
	Professor		Associate Professor		Assistant Professor					
	*M	*F	*M	*F	*M	*F	*M	*F	*M	*F
Sanctioned by the UGC /University/State Government Recruited	-	-	-	-	-	-	-	-	-	-
Yet to recruit										
Sanctioned by the Management/ society or other authorized bodies Recruited	1	-	9	2	25	49	16	20	8	4
Yet to recruit										

*M-Male *F-Female

21. Qualifications of the teaching staff:

Highest qualification	Professor		Associate Professor		Assistant Professor		Total
	Male	Female	Male	Female	Male	Female	
Permanent teachers							
D.Sc./D.Litt.	-	-	-	-	-	-	-
Ph.D.	-	-	2	1	6	8	17
M.Phil.	-	-	6	1	14	38	58
PG	-	-	1	-	2	2	5
Temporary teachers							
Ph.D.	1	-	-	-	1	1	3
M.Phil.	-	-	-	-	-	-	1
PG	-	-	-	-	-	1	1
Part-time teachers							
Ph.D.	-	-	-	-	-	-	-
M.Phil.	-	-	-	-	-	-	-
PG	-	-	-	-	-	-	-

22. Number of Visiting Faculty /Guest Faculty

engaged with the College : Nil

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

Categories	Year 1 (2012-2013)		Year 2 (2013-2014)		Year 3 (2014-2015)		Year 4 (2015-2016)	
	Male	Female	Male	Female	Male	Female	Male	Female
SC	4	3	-	3	-	2	1	6
ST	-	-	-	-	-	-	-	-
OBC	123	402	127	472	154	501	125	516
General	-	4	1	1	3	4	2	5
Others								

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

Type of students	UG	PG	M. Phil.	Ph.D.	Total
Students from the same state where the college is located	451	164	35	-	650
Students from other	4	-	1	-	5
NRI students	-	-	-	-	-
Foreign students	-	-	-	-	-
Total	455	164	36	-	655

25. Dropout rate in U.G. and P.G. (average of the two batches) (2014-2015 & 2015-2016)
- U.G. P.G.
26. Unit Cost of Education
(Unit cost = total annual recurring (actual) divided by total number of students enrolled)
- (a) Including salary component
- (b) Excluding the salary component
27. Does the college offer any programme/s in distance education mode (DEP)?
- Yes No
- If yes,
- a. Is it a registered center for offering distance education programmes of another universities?
- Yes No
- b. Name of the university which has granted such registration
-
- c. Number of programmes offered
- d. Programmes carry the recognition of the Distance Education Council
- Yes No
28. Provide Teachers-Student ratio for each of the programme /course offered

Major	Teachers-Student Ratio
B.A. Tamil	1:34
B.A. English	1:52
B.Sc. Mathematics	1:38
B.Sc. Physics	1:38
B.Sc. Chemistry	1:38
B.Sc. Computer Science	1:21
B.Sc. Bio-Technology	1:28
B.Sc. Zoology	1:20
B.B.A.	1:29
B.Com.	1:44
M.A. Tamil	1:6
M.A. English	1:14
M.Sc. Mathematics	1:15

M.Sc. Physics	1:15
M.Sc. Chemistry	1:15
M.Sc. Computer Science	1:10
M.Sc. Bio-Technology	1:8
M.Com.	1:12
M.Phil. Tamil	1:13
M.Phil. Mathematics	1:12
M.Phil. Physics	1:6
M.Phil. Chemistry	1:5
M.Phil. Commerce	1:8

29. Is the college applying for
Accreditation: Cycle 1 ☒ Cycle 2 Cycle 3 Cycle 4

Re-Assessment:

(Cycle one refers to first accreditation and Cycle2, Cycle3, Cycle 4 refers to re-accreditation)

30. Date of accreditation* (applicable for Cycle 1, Cycle 2, Cycle 3, Cycle 4 and re-assessment only)

Cycle 1 : (dd/mm/yyyy) Accreditation Outcome / Result
.....)

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

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

31. Number of working days during the last academic year

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

33. Date of establishment of Internal Quality Assurance Cell (IQAC):
(dd/mm/yyyy) **09/05/2014**

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

AQAR (i)(dd/mm/yyyy)

AQAR (ii)(dd/mm/yyyy)

AQAR (iii)(dd/mm/yyyy)

AQAR (iv)(dd/mm/yyyy)

35. Any other relevant data (not covered above) the college would like to include.

(do not include explanatory / descriptive information)

C. CRITERION-WISE ANALYTICAL REPORT

CRITERION - I

CURRICULAR ASPECTS

1.1 Curriculum planning and implementation

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

MOTTO

‘Seat of Wisdom’ is the Motto of Annai Velankanni College. The ability to make right use of one’s knowledge is wisdom. If one has the wisdom, he or she can overcome the difficulties and be successful in life. Creation of that wisdom among staff and students is the prime duty of our College.

VISION

To make significant contribution to develop economically and educationally identified under-developed backward areas.

MISSION

- Provide quality education to the local youth/students with emphasis on job oriented courses and other courses relevant to local needs so that they can seek/take up better employment and improve standard of life.
- Treat all students equally without any discrimination on the basis of religion, caste and community and mould them to take up the role of future leaders of the country.
- Inculcate personal and intellectual integrity in the minds of the students of the College resulting in application of ethical and humanitarian values in life by broad basing education and involving the students in relevant extracurricular activities.
- Strive to maintain excellence in all the chosen academic, co-curricular and extracurricular activities, so that Annai Velankanni College is known to the outside world as a Premier Institution.

The vision, mission and objectives of the institution are communicated to the students, teachers, staff members and other stakeholders through the College Prospectus, College Handbook, College Website and display boards at vantage points within the campus.

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

- Action plans for effective implementation of the curriculum
 - Department meetings at the end of every semester

- o Subject allotment and non major elective papers, optional papers finalization so that teachers can plan and prepare for the next semester at the earliest.
 - o Number of hours allotted for each paper/unit by the University provides a broader outline for the staff
- Course file
- Adequate library support/New additions to the Library
 - o Books and journals that are recommended in the syllabi for further reading are made available in the library
- Three internal tests and one model exam every semester
- Assignments/Seminars
 - o Students are made to use library/e-resources
- Project works
- Guest lectures by Subject Experts/Researchers/Scientists
- Visiting Laboratories/Research organizations
- Appropriate use of Power Point Presentations and other tools by the teachers and laboratory demonstrations
- Academic Calendar
 - o Strict adherence to the schedule
- Optimal utilization of working days is ensured, by insisting regular attendance of staff and students.
 - o Work loads of faculty on leave are adjusted by other faculty members of the Department.
- Adequate infrastructure

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

➤ UNIVERSITY

The affiliating University prepares the curriculum for the Colleges to follow. The University provides representation for the teachers in forums such as, Board of Studies, Senate, Standing Committee on Academic Affairs and Syndicate. Teachers make use of these forums to express their views regarding curriculum among other things.

➤ INSTITUTION

- The Institution conducts programmes connected with improving teaching practices for the teachers. The programmes are listed in **Annexure I.**
 - o Vide numbers 1,2,8,10,12,13,16,21,22,23 of **Annexure I**

- The Institution encourages the teachers to attend orientation programmes organized by other institutes/other agencies to improve the teaching practices.
- The Institution provides infrastructural facilities such as library resources, net connectivity, e-resources, laboratory equipments and ICT facilities.

1.1.4 Specify the initiatives taken up or contribution made by the institution for effective curriculum delivery and transaction on the curriculum provided by the affiliating University or other statutory agency?

- Contribution made by the Institution for effective curriculum delivery/transaction
- Course file
 - e-resources/net connectivity
 - Enrichment of faculty
 - Sufficient infrastructure
 - Study materials provided to students
 - Powerpoint presentations, Charts, Models, Wall Magazines etc
 - Guest lectures

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

- Networking and interacting with beneficiaries such as industry, research bodies and the University for effective operationalisation of the Curriculum.
- Regular visits to Industry/Research body for imparting firsthand knowledge to the students.

Table 1.1 Visits to Industry/Research body

Department	Place of visit	Date	Classes	No. of Staff
Tamil	இந்து பத்திரிக்கை, திருவனந்தபுரம்	07.10.2015	III UG	2
	உதயகிரிகோட்டை, சுங்கான்கடை, மண்பாண்டக்கலை, மைலாடி கல்சிற்பம், சுசீந்திரம்கோவில், கன்னியாகுமரி	23.01.2016	UG & PG	6

English	The Hindu English Daily News paper Printing plant, Trivandrum	12.02.2015	III UG	2
	The Hindu English Daily News paper Printing plant, Trivandrum	09.10.2014	I PG	2
	District Science Center	October 2016	I PG	3
	Priyadarshini Planatorium, Trivandrum	18-03-2016	I PG, IUG, III UG	7
Mathematics	SCILET Library, Madurai	19-09-2015	II PG	2
	Kudankulam Nuclear Power Plant, Kudankulam	17.12.2014	II UG, I PG	4
	ISRO-Trivandrum Planetarium-Trivandrum, Museum- Trivandrum	16.09.2015	III UG, II PG, M. Phil.	4
Physics	Wind Mill, Aralvaimozhi	02.09.2011	UG & PG	4
	Kudankulam Nuclear Power Plant, Kudankulam	06.09.2012	UG & II PG	5
	Kudankulam Nuclear Power Plant, Kudankulam	10.10.2013	II & III UG	4
	Book Exhibition, Nagercoil	22.08.2014	UG & PG	4
	Kudankulam Nuclear Power Plant, Kudankulam	10.09.2014	UG & PG	3
	Wind Mill, Aralvaimozhi	18.08.2015	UG & PG	9
	ISRO, Mahendragiri	11.09.2015	PG	4
Chemistry	Kudankulam Nuclear Power Plant, Kudankulam	31.07.2014	III UG & II PG and M.Phil	5
	ISRO, Trivandrum	09.10.2014	III UG & II PG and M.Phil	4
	ISRO, Trivandrum	16.09.2015	III UG & II PG and M.Phil	4
	MS University, Trinaveli	23.02.2015	M.Phil.	
Computer Science	Kudankulam Nuclear Power Plant, Kudankulam	22.08.2014	UG & PG	6
	ISRO, Trivandrum	09.10.2014	III UG & II PG	4
	ISRO, Trivandrum	16.09.2015	III UG & II PG	4
Bio-Technology	Rajiv Gandhi Centre for Bio-Technology, Trivandrum	30.08.2013	III UG & PG	2
	CMFRI Research Centre and Marine Aquarium, Vizhinjam.	24.02.2012	UG	8

Commerce	Kanyas Spin Mill, Aralvaimozhi & YMCA, Kanyakumari	29.09.2015	PG students	2
	SIPCOT at Valliyoor	31.08.2015	PG students	2
Zoology	Neyyar Water Reservoir, Neyyar	5.10.2013	I UG	3
	Vivekanandha Kendra – nardep Trust, Kanyakumari	13.1.2015	II UG	3
	Sericulture Unit & Grainage Unit, Thenkasi.	13.8.2015	III UG	3
	YMCA, Rural Centres & Institute of Rural Development, Marthandam.	19.8.2015	II Chemistry & II Bitechology (Non Major students)	3
	Neyyar Water Reservoir, Neyyar	11.09.2015	I UG	3
Business Administration	Travancore Titanium Product Ltd., Kochuveli	16.10.2009	II BBA	3
	Travancore Titanium Product Ltd., Kochuveli	03.09.2010	II BBA	3
	Travancore Titanium Product Ltd., Kochuveli	14.09.2011	II BBA	3
	The Hindu News agencies, Trivandrum	06.09.2012	II BBA	3
	The Hindu News agencies, Trivandrum	06.03.2014	II BBA	3
	The Hindu News agencies, Trivandrum	09.03.2015	II BBA	2
	The Hindu News agencies, Trivandrum	17.09.2015	II BBA	4

- Industry people, researchers and university people are invited to deliver guest lectures on relevant topics
- Identification of industry-institute gap and guest lectures by industry people arranged.

Table 1.2 Guest lectures by industry people

Name	Designation	Topic	Date of Visit
Mr. Eugene, Partner	APTECH Computer Center, Marthandam	Application of Computer to Business	27.09.1996
Dr. N. Gopalakrishnan	Scientist, RRL, Trivandrum	Science & Technology in Ancient India	24.02.1998

Mr. T. P. D. Rajan	Research Scholar, Regional Research Laboratory, Thiruvananthapuram.	Materials for Advanced Technology	20.10.1999
Mr. A. Giri	Software Consultant of the Bell Atlantic Concern in Washington, USA	Computer Education & Employment Opportunities	18.01.2000
Mr. Joder Sing	Technical Engineer, APTECH Ltd.	Role of Computers in Business	16.03.2000
Mr. Krishnan	Professor of Mononmanium Sundaranar University, Tirunelveli	The Salient Features of MCA Syllabus	07.04.2000
Dr. Shanmugam	Scientist, RRL, Trivandrum	Diastereo Selective Synthesis of Natural Products	18.12.2000
Mr. V. Anil	Marketing Manager, PENTASOFT, Marthandam	Opportunities available for Mathematic Values in the field of Information Technology	02.01.2001
Mr. Ravi	Director, KANYA INFOTECH	Latest Trends in Computers	26.02.2002
Mr. Shanmugam	Analyst, GRIAN Tek, Bangalore	Virtual Private Network	15.10.2003
Mr. Surendra & Mr. Saju	APTECH Computers, Marthandam	Internet, E-Mail & E-Commerce & their Applications in Business	19.12.2003
Mr. Paul Suthan	C-DAC Computer Education, Nagercoil	Internet World	14.01.2004
Mr. George	SISI Computer Education, Marthandam	Career Guidance	22.01.2004
Mr. Mohan	Manager, Indian Overseas Bank, Mankarai	A Role of Commercial Banks on Self Employment Schemes	10.09.2004
Dr. S. Ravi Kumar	Reader, Center for Marine Oceanography and Coastal Area Studies, Alagappa University, Karaikudi	Marine Nano Bio-Technology	07.03.2008
Dr. R. S. Lal Mohan	Principal Scientist Rtd., Indian Council of Agricultural Research, New Delhi.	Bio-Diversity Conservation	07.03.2008
Mr. J. S. Franklin Jose	HR Manager, i-Dynamics Ltd., Technopark, Trivandrum	Key Soft Skills for a successful Career	26.08.2009

Mr. C. G. Sujin Christo	Project Manager, i-Dynamics Ltd., Technopark, Trivandrum	Introduction to N-tier Architecture	26.08.2009
Mr. M. Nagarajan	General Manager, i-Dynamics Ltd., Technopark, Trivandrum	Designing Basic Database	26.08.2009
Dr. T. Jaya Sekher	Environmental Scientist, TNPCB, Tuticorin	Toxicity Evaluation of Atmospheric particles using Biotechnological Assays	11.09.2009
Dr.J.Anil John	TBGRI, Trivandrum	Introduction to Phyto-chemistry	11.02.2011
Dr.K.B.Ramesh Kumar	TBGRI, Trivandrum	Diversity of Phyto-chemistry	11.02.2011
Dr.K.P. Srinivasakumar	Chief consultant, Reliance clinical Life sciences, Bangalore	Bio-Technology and Innovations	07.03.2011
Mr.J.Regu Antony	V O Chithambaram College, Tuticorin	Cultural studies	10.02.2012
Mr.Aloysious	Manager, St.Xavier's IAS academy	Trends in Indian Economy	21.07.2012
Dr.K.P. Srinivasa Kumar	Chief consultant, Reliance Clinical Life Sciences, Bangalore.	Overview of discovery and applications of biopharmaceutics in health care sector	23.01.2014
Dr. A. Joseph Raj Kumar	Senior Scientist, CPCRI, Kayankulam	Innovative Chemistry for pest management	30.01.2014
Dr. G. Annadurai	JSPS fellow (Japan) PANSA (Tamil nadu), SPKC, Alwarkurichi.	Nano Chemistry	30.01.2014
Dr. J. Mary Gladis	Reader, IIST, Trivandrum	Advances in Materials for Lithium Batteries	31.01.2014
Dr. T.P.D. Rajan	Scientist, NIIST, Trivandrum	Developments in Nano Composites and applications	31.01.2014
Dr. Kaustabh Kumar Marti	Senior Scientist, NIIST Trivandrum	Drug Delivery Systems and diagnostic nano probe for cancer Treatment	29.01.2015
Mr.Manohar sam	Y.M.C.A	Workshop	14.09.2015

1.1.6 What are the contributions of the institution and/ or its staff members to the development of the curriculum by the University? (number of staff members / Departments represented on the Board

of studies, student feedback, teacher feedback, stakeholder feedback provided, specific suggestions etc.)

- Feedback on Curriculum is collected every semester from the students and from the teachers handling the subjects.
- Feedbacks analysed.
- On the basis of the analysis, a consolidated report is prepared by the Department.
- Suggestions, if any, made through the Heads of the Departments/ Members of the Board of Studies of the respective Departments to the University.
- Curriculum of leading institutes referred.
- Members of BOS (Board of Studies)
 - List of the members of the Board of Studies in College.
 - o Miss. M. Suja, Department of Zoology rendered her services as a Member of PG Board of Studies of Manonmaniam Sundaranar University during the period 2001-2003.
 - o Dr.S.R.Brintha, Department of Chemistry rendered her services as a Member of PG Board of Studies of Manonmaniam Sundaranar University during the period 2012-2016.
 - o Mr. T.R. Amba Sankar, Department of Computer Science rendered his services as Member of PG Board of Studies of Computer Applications in Manonmaniam Sundaranar University during 2014-2016 and as Member of PG Board of Studies of Computer Applications in Manonmaniam Sundaranar University from 2016 onwards.
 - o Mr. M. Mohanadhas, Department of Computer Science rendered his services as member of Board of Studies of Computer Applications in Manonmaniam Sundaranar University during the period 2014-2016.
 - Department of Computer Science has made the suggestion to the University regarding curriculum development. In the M. Sc. Computer Science programme, in the IV semester the students have only project works. The Department has made the representation to the University to include a theory paper also in the IV semester.
 - o From 2016 onwards Dr. B. Stephen John, Department of Mathematics has been a Subject Expert (internal) of UG Board of Studies of Mathematics, Manonmaniam Sundaranar University.
 - o From 2016 onwards Mrs. T. Maria Janet, Department of Bio-Technology has been a Member of UG/ PG Board of

Studies of Bio-Technology, Manonmaniam Sundaranar University.

- o From 2016 onwards Dr. T. Suresh, Department of Bio-Technology has been a Member of UG/ PG Board of studies of Bio-Technology, Manonmaniam Sundaranar University.
 - The Department of Bio-Technology plays an important role in updating syllabi and making them more relevant to the society and industry. The feedback of the students, academic experts and employers about the syllabus is obtained, analyzed and represented to the university in the Board of Studies meetings. For instance a paper Bioinformatics and Biophysics was changed as Applied Bioinformatics, Project was shifted from third semester to fourth semester and the Group project was changed into individual project in the syllabus of PG Bio-Technology. During the last revision it was represented by the Board of studies member and the changes were included in the syllabus.

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

- The institution develops curriculum for the courses offered (other than those under the purview of the affiliating University) by it.
- The courses offered are
 - Spoken English
 - Arts and Crafts
 - Key Board
 - Tailoring
 - Tally
 - M.S. Office
 - DTP
 - Beautician

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

- Course files are prepared and strictly followed by the faculty members.

- Three internal tests, model examinations and class tests are conducted for assessing the progress made by the students in their studies.
- Assignments and seminars and project works.
- Students' progress is constantly monitored and intimated to the parents when they visit the College at the time of PTA meetings.
- The university results are reviewed by the Management and the Principal immediately after the publication of the results; suggestions for improvement are made to the teachers.
- Students' feedback on curriculum
- Subject teachers' feedback on curriculum
- Regular enhancement of teaching-learning skills

1.2 Academic Flexibility

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

➤ GOALS and OBJECTIVES

To offer courses that ensures additional skill development among the undergraduate students as part of equipping and grooming them to find placements as well as to make them entrepreneurs on their own.

To develop additional skills and to make them learn atleast one additional trade during their stay at the College.

To materialize that objective, the College begins its initiatives by introducing the following courses.

- Certificate course in 'Spoken English' in collaboration with British Institute of Spoken English, Nagercoil.
- Certificate course in 'Tally' in collaboration with CSC Computer Center, Monday Market.
- Certificate course in 'M.S. Office' in collaboration with CSC Computer Center, Monday Market.
- Certificate course in 'DTP' in collaboration with CSC Computer Center, Monday Market
- Certificate course in 'Beautician' in collaboration with Challenge Institute of Puthukkadai
- Certificate course in 'Hindi' in collaboration with Dakshina Bharat Hindi Prachar Sabha, Nagercoil
- Certificate course in 'Journalism' in collaboration with Thani Nayagam Adigal Institute of Journalism, Tiruchi .
- Certificate course in 'Tailoring'

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

No.

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

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

List of skill based subjects, non major electives, core electives available to our students in our College since 2012 – 2013 under choice based credit system.

➤ List of electives:

Table 1.3 List of Major electives (U. G. Programmes)

Programme	Elective Subjects	
	<i>Offered by the University</i>	<i>Opted by the Institution</i>
B. A. Tamil	ஐந்தாம் பருவம் Elective A 1. இதழியல், 2. பயண இலக்கியம் 3. சுற்றுலாவியல் Elective B 1. தன் வரலாற்றியல் 2. திரைப்படக் கலை 3. புத்தகபதிப்புத் வெளியீடும்	1. இதழியல் 1. திரைப்படக் கலை
B. A. English	Semester V 1. Canadian Literature 2. Women's Writing 3. English Language Teaching Semester VI 1. African Literature 2. Journalism and Mass communication	Semester V 1. Canadian Literature 2. Women's Writing Semester VI 1. African Literature
B. Sc. Mathematics	Semester V Electives: 1 1. Astronomy 2. Combinational Mathematics 3. Discrete Mathematics	Semester V 1. Astronomy

	Electives: 2 2.1 Programming in C 2.2 Coding Theory 2.3 Fuzzy Sets and Logic Semester VI Elective: 3 3.1 Number Theory 3.2 Operation Research 3.3 Mathematical Programming with JAVA	2.3. Fuzzy Sets and Logic Semester VI 3.2. Operation Research
B.Sc. Physics	Semester V Elective 1. Acoustics 2. Quantum Mechanics 3. Solid State Physics Semester VI 4. Statistical Mechanics 5. Energy Physics	Semester V 1. Quantum Mechanics 2. Solid State Physics Semester VI 1. Energy Physics
B.Sc. Chemistry	Semester V Elective : 1 1. Polymer Chemistry 2. Industrial Chemistry Elective : 2 1. Analytical Chemistry 2. Pharmaceutical Chemistry Semester VI 1. Bio Chemistry 2. Applied Chemistry	Semester V 1. Polymer Chemistry 1. Pharmaceutical Chemistry Semester VI 1. Applied Chemistry
B.Sc. Zoology	Semester V Elective: 1 1. Sericulture 2. Economic Entomology 3. Dairy Farming Elective : 2 1. Apiculture 2. Food and Food Processing Technology 3. Poultry Science Semester VI Elective: 3 1. Aquaculture 2. Medical Laboratory Technology 3. Marine Biology	Semester V 1. Sericulture 1. Poultry Science Semester VI 1. Aquaculture

B.Sc. Computer Science	Semester IV Elective I 1. Microprocessor 2. Embedded System 3. Introduction to open Source Semester V Elective II 1. Artificial neural network 2. Cloud Computing 3. ASP . Net	Semester IV 1. Microprocessor Semester V 1. ASP . Net
B. Sc. Bio Technology	SEMESTER V Elective: 1 1. IPR 2. Clinical Research Elective : 2 1. Genomics 2. Nano- Bio-Technology	SEMESTER V 1. Clinical Research 1. Nano-Bio-Technology
B. Com	IV Semester Elective 1. Indirect Tax 2. Stock Market 3. Investment Management 4. Office Automation SEMESTER V Elective 1. Income tax law & practice-I 2. Applications of Tally in Accounting 3. Logistic Management Semester VI Elective 1. Income tax law & practice-II 2. Introduction to RDBMS 3. Retail Management	1. Indirect Tax SEMESTER V 1. Income tax law & practice-I Semester VI 1. Income tax law & practice-II
B. B. A.	Semester- V 1. Management Accounting	Semester- V 1. Management Accounting

Table 1.4 List of Major Electives (P. G. Programmes)

Programme	Elective Subjects	
	<i>Offered by the University</i>	<i>Opted by the Institutions</i>
M. A. Tamil	முதல் பருவம் 1. படைப்பிலக்கியமும் பேச்சுக்கலையும்	1. படைப்பிலக்கியமும் பேச்சுக்கலையும்

	இரண்டாம் பருவம் 1. கோயிற்கலை மூன்றாம் பருவம் 1.கணினியும் ஊடகமும் நான்காம் பருவம் 1. தொல்லியலும் சுற்றுலாவியலும்	1. கோயிற்கலை 1.கணினியும் ஊடகமும் 1. தொல்லியலும் சுற்றுலாவியலும்
M. Phil. Tamil	முதல் பருவம் 1. தமிழ் இலக்கண வரலாறு 2. ஆராய்ச்சி அணுகுமுறைகள் இரண்டாம் பருவம் 1. பெண்ணியமும் இலக்கியமும் 2. இலக்கிய கோட்பாடுகளும் திறனாய்வும்	1. ஆராய்ச்சி அணுகுமுறைகள் 1. பெண்ணியமும் இலக்கியமும்
M. A. English	Semester I 1. English for Mass Communication Semester II 1. Developing Communication Skill Semester III 1. English Language Teaching 2. Creative writing Semester IV 1. The post-Colonial Literture 2. Literature for Social Transformation	English for Mass Communication Developing Communication Skill English Language Teaching Literature for Social Transformation
M. Sc. Mathematics	Semester I Elective: 1 1. Programming with C++ 2. Projective Geometry 3. Discrete Mathematics Semester II Elective: 2 1. Programming with C++ and MS-Office – Practical 2. Combinatorial Mathematics 3. Stochastic Process Semester IV Elective: 3 1. Graph Theory 2. Partial Differential Equations 3. Advanced Topology	1. Programming with C++ 1. Programming with C++ and MS-Office – Practical 1. Graph Theory

M. Phil. Mathematics	Semester II 1. Banach Algebra and Spectral Theory 2. Harmonic Analysis 3. Differentiable Manifolds 4. Advanced Graph Theory 5. Stochastic Modeling 6. Computational Fluid Dynamics 7. Wavelets	1. Advanced Graph Theory
M.Sc. Physics	Semester I Elective: 1 1. Renewable energy Sources 2. Optoelectronics and Lasers Semester II Elective: 2 1. Non Linear Dynamics and Chaos 2. Communication Electronics Semester IV Elective: 4 1. Material Science 2. Physics of Nano Materials	1. Renewable energy Sources 1. Communication Electronics 1. Material Science
M. Phil. Physics	Semester II Electives: 1 1. Material Science 2. Physical Properties of Materials 3. Nano Materials	1. Material Science 2. Nano Materials
M.Sc.Computer Science	Semester I Electives: 1 1. Distributed Operating System 2. Advanced Computer Network 3. Microprocessor and Micro controller Semester II Electives: 2 1. Data Mining 2. Network Security and Cryptography 3. Embedded System	1. Distributed Operating System 1. Data mining

	Semester III 1. Multimedia System 2. Cloud Computing 3. Software Testing	1. Software Testing
M. Com.	Semester I Electives: 1 1. Retail Management Semester II Electives: 2 1. Office Automation	1. Retail Management 1. Office Automation
M.Sc. Bio-Technology	Semester IV Elective 1. Industrial Bio-Technology 2. Stem Cell Biology	1. Stem Cell Biology

**Table 1.5 List of Elective Subjects and Skill based Subjects
(U.G.Programmes)**

Programme	Non Major Elective Subjects		Skill based Subjects	
	<i>Offered by the University</i>	<i>Opted by the Institutions</i>	<i>Offered by the University</i>	<i>Opted by the Institutions</i>
B.A. Tamil	மூன்றாம் பருவம் இந்தியாவில் இந்திய விடுதலை இயக்கங்கள்	இந்தியாவில் இந்திய விடுதலை இயக்கங்கள்	மூன்றாம் பருவம் இதழியல் அல்லது சுற்றுலாவியல் ஐந்தாம் பருவம் 1. Soft Skills Enhancement 2. Effective Communication 3. Personality Development	இதழியல் அல்லது சுற்றுலாவியல் 1. Personality Development
B. A.English	Semester III 1.Introduction to Computers Semester IV 1.Computer Basic Programme Design	1. Introduction to Computers 1. Computer Basic Programme Design	Semester III 1. Introduction to Phonetics Semester V 1. Soft Skills Enhancement 2. Effective Communication 3. Personality Development	1.Introduction to Phonetics 1.Personality Development

B. Sc. Mathematics	Semester III 1. Mathematical Techniques for social Sciences Semester IV 1. Mathematical models(O.R)	1. Mathematical Techniques for social Sciences 1. Mathematical models(O.R)	Semester III 1. Application of Differential Equation Semester IV 1. Numerical Methods	1. Application of Differential Equation 1. Numerical Methods
B.Sc. Physics	Semester III 1. Introduction to Computers 2. Programming in C Semester IV 1. Basic Programme Design 2. C++ Programming	1. Introduction to Computers 1. Basic Programme Design	Semester III 1. Maintenance of Electric Equipment 2. Applied Physics Numerical Physics Semester IV 1. Maintenance of Electronic Equipment 2. Physics for Competitive examinations Semester V 1. Personality Development 2. Effective Communication	1. Maintenance of Electric Equipment 1. Maintenance of Electronic Equipment 1. Personality Development
B.Sc. Chemistry	Semester III 1. Water Management 2. Food Chemistry Semester IV 1. Clinical Chemistry 2. Applied Chemistry	1. Water Management 2. Food Chemistry 1. Clinical Chemistry 2. Applied Chemistry	Semester III 1. Agro chemistry 2. Food Chemistry Semester IV 1. Chromatography 2. Dairy Chemistry Semester V 1. Effective Communication 2. Personality Development	1. Agro chemistry 1. Chromatography 1. Personality Development
B.Sc. Zoology	Semester III 1. Nutrition Bio-Technology 2. Vector Borne Diseases Semester IV 1. Genetic diseases 1. Cancer Biology	1. Vector Borne Diseases 1. Genetic diseases	Semester III 1. Home Aquarium 2. Nutrition and Dietics Semester IV 1. Biophysics and Bioinstrumentation 2. Vermitechnology	1. Home Aquarium 1. Vermitechnology

B.Sc. Computer Science	Semester IV 1. Introduction to Computers 2. NME- Energy Physics Semester IV 1. Basic program design 2. C++ programming	1. NME- Energy Physics 1. Basic program design	Semester IV 1. PC Trouble shooting 2. Dream Viewer -	1. Dream viewer -
B. Sc. Bio- Technology	Semester III 1. Bee Keeping Semester IV 1. Public Health And Hygiene	1. Bee Keeping 1. Public Health And Hygiene	Semester III 1. Industrial Bio- Technology 2. Clinical Biochemistry Semester IV 1. Floriculture 2. Vermi- Technology and Mushroom Culture Semester V 1. Personality Development 2. Effective Communication	1. Industrial Bio- Technology 1. Vermi- Technology and Mushroom Culture 1. Personality Development
B. Com.	Semester III 1. Introduction to computers Semester IV 1. Basic Programming Design	1.Introduction to computers 1. Basic Programming Design	Semester III 1. Business Communication Semester IV 1. Career Planning 2. Personality Development	1. Business Communication 1. Career Planning 2. Personality Development
B. B. A.	Semester III 1. Consumer Awareness Semester IV 1. Financial Accounting	Semester III 1. Consumer Awareness Semester IV 1. Financial Accounting	Semester III 1. Managerial Skill Development Semester IV 1. Banking Practice Semester V 1. Personality Development	Semester III 1. Managerial Skill Development Semester IV 1. Banking Practice Semester V 1. Personality Development

Table 1.6 List of Non Major Electives

Programme	Non-Major Electives
B. A. Tamil	1. இந்தியாவில் இந்திய விடுதலை இயக்கங்கள்
B. A. English	1. Introduction to Computers 2. Computer Basic Programme Design
B. Sc. Mathematics	1. Mathematical Techniques for social Sciences 2. Mathematical models(O.R)
B. Sc. Physics	1. Introduction to Computers 2. Programming in C 3. Basic Programme Design 4. C++ Programming
B.Sc. Chemistry	1. Water Management 2. Food Chemistry 3. Clinical Chemistry 4. Applied Chemistry
B.Sc. Computer Science	1. Introduction to Computers 2. NME-Energy Physics 3. Basic Program Design 4. C++ Programming
B. Sc. Bio Technology	1. Bee Keeping 2. Public Health And Hygiene
B. Com	1. Introduction to computers 2. Basic Programming Design

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

As the Institution is self-financed, all the programmes offered in our Institution are self financed which include 10 UG Programmes, 8 PG Programmes and 5 M.Phil. Programmes.

Table 1.7 List of Courses and Year of Commencement

Sl. No.	Programmes	Year
U.G. Programmes		
1.	B.Sc. Mathematics	1987-1988
2.	B.Com	1987-1988
3.	B.Sc. Physics	1988-1989

4.	B.Sc. Chemistry	1989-1990
5.	B.Sc. Computer Science	1992-1993
6.	B.B.A.	2006-2007
7.	B.Sc. Bio-Technology	2006-2007
8.	B.A. English	2009-2010
9.	B.A. Tamil	2013-2014
10.	B.Sc. Zoology	2013-2014
P.G. Programmes		
1.	M.Sc. Chemistry	1993-1994
2.	M.A. English	2007-2008
3.	M.Sc. Bio-Technology	2008-2009
4.	M.Sc. Mathematics	2010-2011
5.	M.Sc. Physics	2011-2012
6.	M.Sc. Computer Science	2013-2014
7.	M.Com.	2013-2014
8.	M.A. Tamil	2014-2015
M.Phil. Programmes		
1.	M.Phil. Commerce	2013-2014
2.	M.Phil. Mathematics	2014-2015
3.	M.Phil. Physics	2014-2015
4.	M.Phil. Chemistry	2014-2015
5.	M.Phil. Tamil	2015-2016

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

- Additional skill oriented programmes, relevant to regional and global employment markets.
 - Skill based subjects provided under University curriculum
 - இதழியல் அல்லது சுற்றுலாவியல்
 - ஆளுமை மேம்பாடு
 - Introduction to Phonetics
 - Effective Communication
 - Soft Skills Enhancement
 - Maintenance of Electric Equipment
 - Maintenance of Electronic Equipment
 - Personality Development
 - Agro chemistry
 - Chromatography
 - Home Aquarium
 - Vermi-technology
 - Dream viewer
 - Industrial Bio-Technology

- o Vermi-Technology And Mushroom Culture
- o Business Communication
- o Career Planning
- o Managerial Skill Development
- o Banking Practice
- Programmes by the institution
 - o Placement Training Programmes
 - Interview Techniques/Group Discussions
 - Employability and Life skill classes
 - Coaching Classes for Bank Tests/TNPSC/Written Tests
 - Career guidance programmes by Placement Cell and Departments.
 - Motivational Programmes by Placement Cell.
 - Career guidance for SC/ ST or economically weak sections.
 - Spoken English Classes.
 - Computer Education Classes.
 - o Guest lectures by Resource persons.

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

Yes.

1.3 Curriculum Enrichment

1.3.1 Describe the efforts made by the institution to supplement the University's Curriculum to ensure that the academic programmes and institution's goals and objectives are integrated.

The curriculum framed by the University is supplemented in such a way that supplementation of curriculum incorporates the Vision and Mission statement of the Institution by providing enrichment programmes and add-on courses.

For equipping and grooming the students to find ample placements as well as to make them entrepreneurs on their own, the College introduced the following programmes.

- Spoken English
- Knack
- Arts and Crafts
- Key Board
- Tailoring

- Tally
- M.S. Office
- DTP
- Beautician
- Hindi Class
- TNPSC Group II & IV/VAO Exam
- Journalism

Departments carry out the following programmes in an effort to supplement the curriculum so that the academic programmes and institution's goals and objectives are integrated.

- Recent/emerging trends in the subject.
- Institute industry gap identified and guest lectures by industry people to address the gap.

Programmes carried out by Committees, in this regard, are as follows:

- Human Values and Development Cell conducts value education programmes
- Social Activities for Village Empowerment(SAVE), comprising NSS, YRC, RRC, Consumer Club, Gardening and Campus Cleanliness Cell and Campus improvement and Eco club, carries out extension and outreach programmes that inculcates personal and intellectual integrity in the minds of the students by broad basing education and involving the students in relevant extra-curricular activities.
- The activities of the SC/ST cell and the Religious Harmony Cell reflect the inclusive approach of the College and its desire to treat all students equally without any discrimination on the basis of religion, caste, community.
 - o The SC/ST cell carries out programmes to explain the benefits and welfare schemes from Government, reservation in jobs and higher education for SC/ST students.
 - o The Religious Harmony Cell conducts programs on communal harmony by celebrating important days/Festivals
- Computer Literacy and Spoken English classes enhance employability opportunities.
- Entrepreneurship skill development programmes are conducted by Human Resources and Motivation Cell.
- Placement Cell organizes placement training and career guidance programmes.
- Competitions and programmes are regularly are regularly organized which help the students bring out their hidden talents and shape their personalities.
- The Management takes every care in ensuring that the new courses introduced in the College are relevant and required for the upliftment

and empowerment of the students from this backward region who are all almost first generation graduates if not first generation learners.

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

- The efforts made by the institution to enrich and organize the curriculum to enhance the experiences of the students so as to cope with the needs of the dynamic employment market.
 - Career guidance and Placement training programmes
 - In addition, the College conducts the following programmes.
 - Employability and life skill programmes
 - Coaching classes for competitive examinations
 - Entrepreneurial Skill Development Programme
 - Spoken English
 - Computer Education
 - Guest lectures by industry people.
 - Various skill based subjects and non-major electives introduced by the University in the Curriculum.

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

➤ **Gender**

Women Cell of our College creates awareness among the students on various issues that affect women. Awareness programmes on health and hygiene related issues concerned with women, women's rights and legal awareness programmes are conducted.

- On 25.07.2014 World Embryology Day was celebrated on behalf of Women's Cell. Dr. S. Mary Helen, Department of Chemistry, Annai Velankanni College, Tholayavattam spoke on 'Ovary and Ovarian Functions' in the area of Reproductive Biology.
- On 09.08.2014, 16.12.2014 and 08.01.2015 Legal Awareness Programme for women by Adv. Jesu Dhas.
- Women Cell of Annai Velankanni College collaborated with Democratic Women Association. Chief Guests: Mrs. T. R. Mary, Association Leader (State Level) & MR. Issac Sobana Raj, Department of Chemistry, NMCC, Marthandam- 'My Choice My Rights' on 11-12-2014.
- Women Cell of Annai Velankanni College arranged a training programme on Arts and Crafts 'Take Home' by Sr. Linns & Sr. Tessis of Jothi Nilayam, Palapallam on 08.01.2015.

- International Women's Day was celebrated on 09.03.2015. Miss. Malarvathi, who won Sahithya Academy Award for her depute Novel Thoopukari (தூப்புக்காரி) and Sr. Selvi, Head Mistress, St. Anne's Primary School, Colachel were the speakers.
- Women's Cell & Women Sexual Harrassment Cell- Gender Sensitization Programme-III UG Girls-Dr. S. Mary Helen: 'The Uniqueness of being Women', Mrs. S. S. Sajitha: 'The Importance of Women's Education & Character' on 10.07.2015
- Legal Awareness Programme entitled 'Practical Knowledge about the Basic Legal Rights & Remedies' on 03.09.2015 by Adv. Jesu Dhas.
- Women's Health Awareness Programme on 29.01.2016- Chief Guests: Dr. Selva Priya Saravanan spoke on 'Personal Hygiene & Problems in Fertilization Process', Mrs. Usha Saba, Social Activist, Inner Wheel Club, Nagercoil spoke on 'Legal Rights of Women'. Inner Wheel Club, Nagercoil donated teak saplings on the occasion. The teak saplings were planted the same day in the College campus by Inner Wheel Club members.
- Legal Awareness Programme for women on 23.02.2016 by Mrs. Porkodi, Advocate, High Court, Madurai
- 'Know Our Body' by Dr. S. Mary Helen, Department of Chemistry, Annai Velankanni College, Tholayavattam on 29.02.2016.
- Women's Day celebration on 10.03.2016. Mrs. Deva Vijila, Department of Chemistry, Holy Cross College (Autonomous), Nagercoil and an alumnus as well as former faculty of Annai Velankanni College was the guest speaker. There was also a debate entitled 'Women and Media' in which our women staff members participated.

➤ **Environmental Education**

- Department of Bio-Technology organized one day National Symposium on Bio-Technology for sustainable Biodiversity on 7th September 2014.
- Department of Bio-Technology organized Plastic Awareness Programme on 13th February 2015 in and around Kamblar Village.
- Each Department is allotted an area inside the campus for maintaining and up keeping gardens.
- Eco Club of our College organizes awareness programmes and competitions.
 - Survey of plants on 23.06.2012 by Eco Club.
 - Awareness Programme on 'Water Resource Management' on 28.03.2013

- o Seminar on 'Nature is our Food' on 28.07.2013
- o Poster Presentation Competition in connection with Hiroshima Day 06.08.2014
- o Essay Writing Competition in connection with Ozone Day celebration on 16.09.2014 on behalf of Eco Club.
- o Awareness Programme 'Organic Farming' on 10.03.2015
- o Installation of Dust bins in Campus on 20.03.2015.
- o Survey of plants on 05.08.2015 inside the campus by Eco Club.
- o Awareness Programme 'Save Environment' on 01.09.2015
- o Drawing Competition on the theme "Let us be Against Nuclear Tests" on 05.09.2015.
- o Essay Writing Competition in connection with Ozone Day celebration : 'Save Ozone' on 16.09.2015

➤ **ICT**

- The College conducts Certificate Courses in Tally and M.S.Office in collaboration with CSC, Mondaymarket.
- As part of University curriculum, the following papers are taught to the non-Computer Science students.
 - o Programming with C++ Theory and Practicals and MS-Office Practicals for the M.Sc Mathematics students.
 - o Introduction to Computers and Computer Basic Programme Design for the B.A English students.
 - o Introduction to Computers, Programming in C and Basic Programme Design for B.Sc Physics students
 - o Introduction to computers and Basic Programming Design for B.Com students.

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

- **Moral and Ethical Values**
- **Employable and life skills**
- **Better career options**
- **Community orientation**

➤ **Moral and Ethical Values**

- Human Values Development Cell organizes Value Education Programmes.
- Over the years, the College has been arranging Value Education Programmes for the Teaching staff as well as students.

➤ **Employable and life skills**

- Employability Skills
 - o Interview Techniques
 - o Group Discussions
 - o Resume writing

- o Quantitative Aptitude
- o Job Skills
- o Spoken English
- o Certificate Courses in Tally and MS Office
- o 'Placement Guide' by Placement Cell
- Life Skills
 - o Human Values
 - o Self Management
 - o Vision
 - o Goal Setting
 - o Leadership Qualities
 - o Team Building
 - o Time Management

➤ **Better career options**

The Placement Cell of the institution helps the students to identify better career options by conducting various career guidance and placement training programmes. The Cell organizes coaching classes for competitive exams, motivational programmes, placement training programmes and mock tests.

➤ **Community orientation**

Social Activities for Village Empowerment (SAVE), comprising NSS, YRC, RRC, Consumer Club, Gardening and Campus Cleanliness Cell and Campus improvement and Eco club carries out extension/outreach programmes, in such a way that the programmes help materializing the objectives of the College by inculcating qualities such as personal honesty, intellectual integrity and ability to take responsibility among the students and make the students socially oriented.

➤ **Personality development**

In the curriculum itself 'Personality Development' is included as a subject of study. Guest Lectures also arranged on the subject. Responsibilities given to the students at the College and Department levels, such as, Class representatives and Team Leaders contribute to the development of leadership qualities among the students.

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

Feedback on curriculum is obtained from students, teachers and subject experts. Feedback is analyzed at Department level and if the Department feels that there is a need, the Department sends suggestions for improvements to the University.

Examples:

- Department of Computer Science has made the suggestion to the University regarding curriculum development. In the M. Sc.

Computer Science programme, in the IV semester the students have only project works. The Department has made the representation to the University to include a theory paper in the IV semester in addition to the Project works.

- The Department of Bio-Technology plays an important role in updating syllabi and making them more relevant to the society and industry. The feedback of the students, academic experts and employers about the syllabus is obtained, analyzed and represented to the university in the Board of Studies meetings. For instance a paper Bioinformatics and Biophysics was changed as Applied Bioinformatics, Project was shifted from third semester to fourth semester and the Group project was changed into individual project in the syllabus of PG Bio-Technology. During the last revision it was represented by the Member of the Board of Studies and the changes were included in the syllabus.
- Department of Zoology, Department of Tamil, Department of Commerce and Department of Business Administration also sent suggestions to the university regarding curriculum change.

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

➤ Monitoring and evaluation of quality of its enrichment programme

- Attendance is taken for the add-on courses. There is a staff in-charge for each course. There is an overall coordinator for all courses. There are periodical tests.
- Feedback obtained.
 - Analysis of feedback.
 - Suggestions for improvements made to the Principal on the basis of feedback analysis

1.4 Feedback System

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

- Members of our faculty, serving as Members of Board of Studies contribute to the development of curriculum by the University.
- Members of our faculty serving as Members of Senate, make suggestions.
- Based on the feedback obtained from the students, the Departments make suggestions to the University with regard to development of the curriculum prepared by the University. The Departments make these

suggestions to the University through the Head of the Department/
Member of Board of Studies.

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

Yes. Feedback on curriculum is obtained from students, teachers and subject experts. Feedback is analyzed at Department level and if the Department felt that there is need, the Department sends suggestions for improvements to the University.

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

- In the academic year 2011-2012, M.Sc. Physics programme was introduced.
- In the academic year 2013-2014 B.A. Tamil, B.Sc. Zoology, M.Sc. Computer Science, M. Com., M.Phil Commerce programmes were introduced.
- In the academic year 2014-2015, M.A. Tamil, M.Phil Mathematics, M.Phil Physics, M. Phil Chemistry programmes were introduced.
- In the academic year 2015-2016 M.Phil Tamil programme was introduced.

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

CRITERION II

TEACHING - LEARNING AND EVALUATION

2.1 Student Enrolment and Profile

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

➤ Publicity in the admission process

- Before the commencement of the new academic year the prospectus is made available to the prospective students. All relevant information regarding the admission procedure, infrastructure, fee details and various activities of the College are conveyed through the prospectus.
- The College has its own website from where stakeholders can gather information about the College.
- Advertisements in the local newspapers are also helpful during admission.
- Billboards are displayed at strategic points inside the campus and at nearby important places around the College.
- Distributing the prospectus and handbills through the local news agents by attaching them with the local news papers.

➤ Transparency in the Admission process

- To ensure transparency in the admission process, the admission process is carried out through an Admission Committee which consists of the Principal and two senior faculty members. Two faculty members from each Department assist the Admission Committee during the admission process.

2.1.2 Explain in detail the criteria adopted and process of admission (Ex. (i) merit (ii) common admission test conducted by state agencies and national agencies (iii) combination of merit and entrance test or merit, entrance test and interview (iv) any other) to various programmes of the Institution.

The College offers undergraduate, postgraduate courses and pre research programmes. The date of sale of application forms/prospectus is notified on the notice board. Application forms can be bought from office and on the spot enquiries are attended to by the Admission Committee. Selection of students to the course is based on merit cum means basis.

2.1.3 Give the minimum and maximum percentage of marks for admission at entry level for each of the programmes offered by the

College and provide a comparison with other Colleges of the affiliating University within the city/district.

Table 2.1 Minimum and Maximum Percentage of Marks for Admission for the year 2011-2012

Programme	2011-2012		
	No. of Students Admitted	Min. %	Max. %
B. A. English	70	49.3	76.3
B. Sc. Mathematics	56	52	79
B. Sc. Physics	44	40	85
B. Sc. Chemistry	44	44.5	72.3
B. Sc. Computer Science	42	48.9	79.5
B. Sc. Bio-Technology	12	45	91
B. B. A.	58	42.3	78.6
B. Com.	64	41	82
M. A. English	23	66.3	76.4
M. Sc. Mathematics	25	69	89
M. Sc. Physics	18	60	75
M. Sc. Chemistry	25	58.6	84.6
M. Sc. Bio-Technology	20	62.9	82.7
M. Com.	25	53	74

Table 2.2 Minimum and Maximum Percentage of Marks for Admission for the year 2012-2013

Programme	2012-2013		
	No. of Students Admitted	Min. %	Max. %
B. A. English	64	37.5	80.5
B. Sc. Mathematics	48	46	82
B. Sc. Physics	48	40	90
B. Sc. Chemistry	48	44	81.6
B. Sc. Computer Science	47	44	82
B. Sc. Bio-Technology	9	45.5	92
B. B. A.	54	45	83.3
B. Com.	62	43	79
M. A. English	25	50	69
M. Sc. Mathematics	25	58	88
M. Sc. Physics	25	57	79
M. Sc. Chemistry	25	59	83
M. Sc. Bio-Technology	20	66.1	81.7
M. Com.	22	57	76

**Table 2.3 Minimum and Maximum Percentage of Marks for Admission
for the year 2013-2014**

Programme	2013-2014		
	No. of Students Admitted	Min. %	Max. %
B. A. Tamil	47	41.7	82
B. A. English	64	48.4	78
B. Sc. Mathematics	48	56.6	84.3
B. Sc. Physics	48	40	90.5
B. Sc. Chemistry	48	47	82.5
B. Sc. Computer Science	48	44	76
B. Sc. Zoology	26	42	72.5
B. B. A.	54	42.4	82
B. Com.	63	39	78.3
M. A. English	25	50.7	69.5
M. Sc. Mathematics	25	56	87.8
M. Sc. Physics	25	60	78.3
M. Sc. Chemistry	25	57	94.7
M. Sc. Computer Science	20	55	87
M. Sc. Bio-Technology	15	64.9	85.6
M. Com.	13	53	75
M. Phil. Commerce	10	64.2	78

**Table 2.4 Minimum and Maximum Percentage of Marks for Admission
for the year 2014-2015**

Programme	2014-2015		
	No. of Students Admitted	Min. %	Max. %
B. A. Tamil	63	30.9	74.8
B. A. English	64	52.2	82.2
B. Sc. Mathematics	48	45	89
B. Sc. Physics	48	40	85
B. Sc. Chemistry	48	47.3	84
B. Sc. Computer Science	48	48.9	72.5
B. Sc. Bio-Technology	25	45	91
B. B. A.	54	42.8	78
B. Com.	64	40	80
M. A. Tamil	11	51.3	91.3
M. A. English	30	43.7	71.8

M. Sc. Mathematics	25	59	88
M. Sc. Physics	25	59	70.6
M. Sc. Chemistry	25	64.5	91.3
M. Sc. Computer Science	19	61	86.8
M. Sc. Bio-Technology	16	66.4	70.6
M. Com.	19	57	78
M. Phil. Mathematics	10	65	86
M. Phil. Physics	5	55	74
M. Phil. Chemistry	10	58	79
M. Phil. Commerce	7	60.7	72.6

Table 2.5 Minimum and Maximum Percentage of Marks for Admission for the year 2015-2016

Programme	2015-2016		
	No. of Students Admitted	Min. %	Max. %
B. A. Tamil	39	40.9	77.3
B. A. English	64	55.3	84
B. Sc. Mathematics	48	53.9	92
B. Sc. Physics	48	42	87
B. Sc. Chemistry	48	44	87
B. Sc. Computer Science	48	46	90
B. Sc. Bio-Technology	30	45	77.6
B. Sc. Zoology	31	42.5	72
B. B. A.	34	42	81
B. Com.	64	41	85
M. A. Tamil	11	49.2	72.5
M. A. English	30	51.3	71
M. Sc. Mathematics	25	60.2	85
M. Sc. Physics	25	60	71
M. Sc. Chemistry	25	68	80
M. Sc. Computer Science	14	63	86
M. Sc. Bio-Technology	12	65.3	81.3
M. Com.	23	53	73
M. Phil. Tamil	10	55.3	76.1
M. Phil. Mathematics	10	61	91
M. Phil. Physics	5	59	73
M. Phil. Chemistry	4	71.9	62.5
M. Phil. Commerce	7	60	75

2.1.4 Is there a mechanism in the institution to review the admission process and student profiles annually? If 'yes' what is the

outcome of such an effort and how has it contributed to the improvement of the process?

Yes. The Staff Council reviews the admission process and suggests measures to the Management and the Principal.

Student Profile is maintained in the respective Departments by the Class in-charges. Student Profile includes details like community, religion and caste, occupation and annual income of parents, differently abled or not, internal marks, semester exam results, etc.

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

- **SC/ST**
- **OBC**
- **Women**
- **Differently abled**
- **Economically weaker sections**
- **Minority community**
- **Any other**

- As the locality in which the College is situated is predominantly inhabited by OBC, Economically weaker sections and the Minority community people, naturally their proportion among the students is very large in number. Preference in admission is given to students from the locality.
- Preference in admission is always given to differently-abled students and SC/ST students.
- Since its inception, the women students continue to outnumber men students and the percentage of women getting admitted to the courses keep on increasing every year.

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

Table 2.6 List of Sanctioned Strength, No. of applications, No. of students admitted and Demand Ratio of the institution during the year 2011-2012

Programmes	2011-2012			
	Sanctioned Strength	No. of applications	No. of students admitted	Demand Ratio
B.A. Tamil	64	-	-	-
B.A. English	70	176	70	1:2.51
B.Sc. Mathematics	56	91	56	1:1.63
B.Sc. Physics	48	64	44	1:1.33
B.Sc. Chemistry	48	75	44	1:1.56
B.Sc. Computer Science	48	64	42	1:1.33
B.Sc. Bio-Technology	35	17	12	1:0.49
B.Sc. Zoology	48	-	-	-
B.B.A.	64	87	58	1:1.36
B.Com.	64	101	64	1:1.58
M.A. Tamil	30	-	-	-
M.A. English	25	34	23	1:1.36
M.Sc. Mathematics	25	43	25	1:1.72
M.Sc. Physics	25	18	18	1:0.72
M.Sc. Chemistry	25	48	25	1:1.92
M.Sc. Computer Science	25	-	-	-
M.Sc. Bio-Technology	20	30	20	1:1.5
M.Com.	25	52	25	1:2.08
M.Phil. Tamil	10	-	-	-
M.Phil. Mathematics	10	-	-	-
M.Phil. Physics	5	-	-	-
M.Phil. Chemistry	10	-	-	-
M.Phil. Commerce	10	-	-	-

Table 2.7 List of Sanctioned Strength, No. of applications, No. of students admitted and Demand Ratio of the institution during the year 2012-2013

Programmes	2012-2013			
	Sanctioned Strength	No. of applications	No. of students admitted	Demand Ratio
B.A. Tamil	64	-	-	-
B.A. English	64	160	64	1:2.5
B.Sc. Mathematics	48	88	48	1:1.83
B.Sc. Physics	48	74	48	1:1.54
B.Sc. Chemistry	48	57	48	1:1.19
B.Sc. Computer Science	48	50	47	1:1.04
B.Sc. Bio-Technology	35	21	9	1:0.6
B.Sc. Zoology	48	-	-	-
B.B.A.	64	90	54	1:1.41
B.Com.	64	84	62	1:1.31
M.A. Tamil	30	-	-	-
M.A. English	25	43	25	1:1.72
M.Sc. Mathematics	25	47	25	1:1.88
M.Sc. Physics	25	57	25	1:2.28
M.Sc. Chemistry	25	46	25	1:1.84
M.Sc. Computer Science	25	-	-	-
M.Sc. Bio-Technology	20	23	20	1:1.15
M.Com.	25	40	22	1:1.6
M.Phil. Tamil	10	-	-	-
M.Phil. Mathematics	10	-	-	-
M.Phil. Physics	5	-	-	-
M.Phil. Chemistry	10	-	-	-
M.Phil. Commerce	10	-	-	-

Table 2.8 List of Sanctioned Strength, No. of applications, No. of students admitted and Demand Ratio of the institution during the year 2013-2014

Programmes	2013-2014			
	Sanctioned Strength	No. of applications	No. of students admitted	Demand Ratio
B.A. Tamil	64	57	47	1:0.89
B.A. English	64	173	64	1:2.7
B.Sc. Mathematics	48	90	48	1:1.88
B.Sc. Physics	48	58	48	1:1.21
B.Sc. Chemistry	48	62	48	1:1.29
B.Sc. Computer Science	48	68	48	1:1.42
B.Sc. Bio-Technology	35	-	-	-
B.Sc. Zoology	26	51	26	1:1.96
B.B.A.	64	71	54	1:1.11
B.Com.	64	83	63	1:1.3
M.A. Tamil	30	-	-	-
M.A. English	25	59	25	1:2.36
M.Sc. Mathematics	25	46	25	1:1.84
M.Sc. Physics	25	43	25	1:1.72
M.Sc. Chemistry	25	57	25	1:2.28
M.Sc. Computer Science	25	34	20	1:1.36
M.Sc. Bio-Technology	20	18	15	1:0.9
M.Com.	25	17	13	1:0.68
M.Phil. Tamil	10	-	-	-
M.Phil. Mathematics	10	-	-	-
M.Phil. Physics	5	-	-	-
M.Phil. Chemistry	10	-	-	-
M.Phil. Commerce	10	13	10	1:1.3

Table 2.9 List of Sanctioned Strength, No. of applications, No. of students admitted and Demand Ratio of the institution during the year 2014-2015

Programmes	2014-2015			
	Sanctioned Strength	No. of applications	No. of students admitted	Demand Ratio
B.A. Tamil	64	86	63	1:1.34
B.A. English	64	145	64	1:2.27
B.Sc. Mathematics	48	99	48	1:2.06
B.Sc. Physics	48	75	48	1:1.56
B.Sc. Chemistry	48	63	48	1:1.31
B.Sc. Computer Science	48	65	48	1:1.35
B.Sc. Bio-Technology	35	35	25	1:1
B.Sc. Zoology	48	-	-	-
B.B.A.	64	94	54	1:1.47
B.Com.	64	83	64	1:1.3
M.A. Tamil	30	17	11	1:0.57
M.A. English	30	60	30	1:2
M.Sc. Mathematics	25	58	25	1:2.32
M.Sc. Physics	25	45	25	1:1.8
M.Sc. Chemistry	25	47	25	1:1.88
M.Sc. Computer Science	25	26	19	1:1.04
M.Sc. Bio-Technology	20	21	16	1:1.05
M.Com.	25	26	19	1:1.04
M.Phil. Tamil	10	-	-	-
M.Phil. Mathematics	10	32	10	1:3.2
M.Phil. Physics	5	8	5	1:1.6
M.Phil. Chemistry	10	12	10	1:1.2
M.Phil. Commerce	10	11	7	1:1.1

Table 2.10 List of Sanctioned Strength, No. of applications, No. of students admitted and Demand Ratio of the institution during the year 2015-2016

Programmes	2015-2016			
	Sanctioned Strength	No. of applications	No. of students admitted	Demand Ratio
B.A. Tamil	64	42	39	1:0.66
B.A. English	64	190	64	1:2.97
B.Sc. Mathematics	48	129	48	1:2.69
B.Sc. Physics	48	73	48	1:1.52
B.Sc. Chemistry	48	63	48	1:1.31
B.Sc. Computer Science	48	73	48	1:1.52
B.Sc. Bio-Technology	35	30	30	1:0.86
B.Sc. Zoology	48	42	31	1:0.88
B.B.A.	64	44	34	1:0.69
B.Com.	64	88	64	1:1.38
M.A. Tamil	30	16	11	1:0.53
M.A. English	30	88	30	1:2.93
M.Sc. Mathematics	25	53	25	1:2.12
M.Sc. Physics	25	42	25	1:1.68
M.Sc. Chemistry	25	51	25	1:2.04
M.Sc. Computer Science	25	24	14	1:0.96
M.Sc. Bio-Technology	20	19	12	1:0.95
M.Com.	25	30	23	1:1.2
M.Phil. Tamil	10	16	10	1:1.6
M.Phil. Mathematics	10	21	10	1:2.1
M.Phil. Physics	5	6	5	1:1.2
M.Phil. Chemistry	10	9	4	1:0.9
M.Phil. Commerce	10	10	7	1:1

2.2 Catering to Student Diversity

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

- Differently abled students are identified and proper individual care is given to them by the faculty members and the fellow students.

- The institution ensures the adherence to government policies with regard to differently abled students by
 - Arranging scribes for the University examinations for students having vision and functional disabilities.
 - Assisting them to avail government scholarship.
 - Ramp facilities available in all Blocks.
 - Allotment of examination halls for differently abled students in the ground floor.

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

All our students hail from rural and backward region in and around the College. Almost all of them are first generation graduates, if not first generation learners. Any particular class room is predominantly occupied by slow learners and below average students rather than above average and advanced learners. Every Department conducts entry level test at the commencement of the programme in the major subject. Marks scored at the entry level test and the score at XII std form the basis for assessing the students' needs in terms of knowledge and skills before the commencement of the programme.

- Details on the process of assessing students' needs.
 - Based on their score in XII std
 - Marks scored at the Entry level test
 - Grasping power of the students, as identified by teachers in the class room
 - Students' performance in class tests

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

- **Bridge/Remedial courses**
 - Spoken English classes and Computer literacy classes are conducted for the freshers as part of Bridge course before the commencement of the course
 - Slow learners are identified and remedial classes are conducted for them.
 - Class in-charges monitor the progress of the slow learners in their studies.
 - Class in-charges/Subject staff counsels the slow learners to make improvement in their studies.

➤ **Enrichment programmes**

- Computer courses so as to enhance the computer literacy of the students.
- Spoken English classes are arranged to the students by the Spoken English Cell.
- Departments organize guest lectures in areas related to their subject of study.
- Career guidance programmes including coaching classes for competitive exams are organized by Placement Cell.

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

Gender

Women's Cell and Women's Sexual Harrasment and Redressal Cell arrange awareness programmes on gender issues. Various programmes organised are listed under **Gender** in 1.3.3.

- *Vide 1.3.3*

Inclusion

The institution is committed to treat all students equally without any discrimination on the basis of religion, caste and community as evident from its Vision and Mission statement and the institution's admission policy.

There is a Religious Harmony Cell functioning in the institution and it sensitizes the students on issues such as Religious/Communal Harmony by organizing programmes for the students.

Environment

Gardening and Campus Cleanliness Cell and Campus Improvement and Eco club of the College work towards a eco friendly campus and organizes programmes creating awareness among staff and students on environment related issues. Various programmes organised are listed under **Environmental Education** in 1.3.3.

- *Vide 1.3.3*

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

Identification of advanced learners

The advanced learners are identified based on the performance in entry level test, performance of the students in internal assessment tests and the interaction of the Class in-charges/ faculty with students. The advanced learners are identified and encouraged to achieve a higher degree of excellence through the Academic Brilliance Cell. Encouraging them in participation and presentation of papers in various seminars/conferences, attending workshops, writing home assignments

and taking part in intra and inter-collegiate competitions. They are given special attention and encouragement by the faculty members. The meritorious students, who are economically weaker, are given financial assistance by the Management and the Students welfare fund.

Response of the institution

- The institution responds to the learning needs of the advanced learners by encouraging the students to secure high marks and fetch University ranks.
- Motivating to appear in competitive examinations.
- Encouraging the students to use internet facility in the College through computer centre.
- Encouraging the students to use the library to update their subject knowledge.
- Helping them to subscribe 'The Hindu newspaper' at concession rate and motivating them to read it to keep their knowledge up-to-date.

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

The Class in-charge keeps track of our students' academic performance, regularity to classes, interest or lack of interest in studies, class room behavior and is in regular touch with the students and therefore the Class in-charge is in a better position to spot those students who are at risk of drop out. Also it is the responsibility of the Class in-charge to pay special attention to those students who are from the disadvantaged sections of society, physically challenged, slow learners, economically weaker sections etc., who are naturally at a greater risk of getting dropped out if some sort of support is not provided. When a Class in-charge finds a student who is irregular to classes and is indifferent to studies, and if the Class in-charge has sufficient reason to believe that the student is on the verge of discontinuing studies, he brings it to the notice of the Head of the Department and with the knowledge of the Head of the Department, he refers the student to the Principal or Counselling cell or the Student Welfare Fund depending upon the necessity. If the reason is his inability to cope with the studies, then the Department itself takes efforts to help.

2.3 Teaching-Learning Process

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

The Handbook Committee in consultation with the Principal prepares the academic calendar. Reopening date, commencing of classes for the freshers, working days, holidays, date of commencement of internal tests, model tests and the last working day for each semester are scheduled and printed in the calendar. A copy of it is issued to all the students and the staff members. Dates specified in the plan are rarely changed and teachers are expected to strictly adhere to them in finishing their teaching, revision and evaluation exercises.

All the faculty members are required to prepare a course file spread over five units and topics of the prescribed syllabus. The course file reflects what the faculty is planning to do for the current semester. Each and every theory paper is divided into five units. Teaching schedules are accordingly planned so as to complete each unit in the allotted hours. The course file contains the contents to be covered, the kinds of teaching aids and tools to be used inside the class room. The teaching plan is submitted to the Principal also.

As per the University norms, there are three internal tests. And there is a model test at the end of the semester. The Examination Cell conducts these tests on the dates mentioned in the Handbook as per the directions of the Principal. The distribution of the marks for the internals, the externals, projects and practicals appear in the College Handbook. Apart from these the faculty members conduct class tests.

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

- List of activities organized by the IQAC contributing to improve the teaching-learning process.
 - Vide Nos. 1,2,8,10,12,13,16,21,22,23 of Annexure I.

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

- Learning is made student-centric in the following ways
 - Assignments
 - Seminars
 - Projects, Mini Projects
 - Practical classes

- Group discussions
- Case studies
- Educational Field Trips/ Visits to Research Laboratories and Research Institutes
- Screening of documentary films
- Displaying models and charts
- Quizzes
- Question- Answer sessions
- Home Works
- Encouragement to take part and present papers in Seminars/Conferences
- Question Banks
- To make learning student-centric, the College provides support to the staff in the following ways.
 - Ensures that the College works all ninety working days and all days are completely utilized.
 - Library resources/ e-resources
 - Net connectivity
 - Conducts orientation Programmes for the staff.

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

- Project works to the final year UG, PG and M.Phil students
- Science Exhibition
- Neo Navigation
- Contribution to College magazine
- Contribution to Department magazine
- Display of wall magazines
- Campus Radio
- Regular literary competitions provide them opportunity to develop reading habit.
- Quizzes, Debates
- Group Discussions
- Paper presentation and poster presentation
- Workshops/seminars/Conference
- Field and industrial visits
- Visiting research organisations
- Subject models
- Mini projects
- Inter/Intra Departmental competitions
- Awareness programmes
- Orientation programmes

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

- NPTEL Chapter was established in the College during the academic year 2015-2016. NPTEL Chapter encourages students to enroll for the online courses, helps them download study materials, hall ticket and facilitate video conferencing classes.
- An orientation programme for the students on **NPTEL online courses** on 15. 02. 2016 by Mr.C.I.Rajesh, Assistant Professor, Department of English & SPOC- NPTEL Chapter, Annai Velankanni College, Tholayavattam.

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

- Staff members and students are encouraged to participate and present papers in seminars, symposiums, conferences
- All Departments organize seminars, workshops and guest lecturers
- Eminent scientists are invited
- Visit to Research laboratories and institutes
- Faculty members publish research papers in the refereed nationals and international reputed journals.
- Library resources and internet facilities are used by both the staff members and the students
- Organizing orientation/awareness programmes for staff and students

The details of the seminars and conferences organized in our College and attended by our College teachers from 2011 to 2016 are given below:

Table 2.11 Seminars and Conferences organized the College from 2011-2016

Academic year	Number of Seminars/Workshops/Conferences conducted in our College	Number of Seminars/Workshops/Conferences attended by faculty in other institutes
2011-2012	4	22
2012-2013	5	27
2013-2014	8	21
2014-2015	14	44
2015-2016	17	33

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

As a Class in-charge interacts with students individually at personal level, when he comes across students with academic, personal and psycho-social issues he takes steps to support the students. In case of academic related issues, the Department takes efforts to sort out and find remedial measures. As far as academic Counseling is concerned, not only the Class in-charge but the subject teacher and/or the Head of the Department also do it whenever they have sufficient reason to believe that a particular student is below bar in studies.

If the Class in-charge comes across students with issues such as personal and psycho-social, the help of the Counseling Cell is sought and with the knowledge of the Head of the Department, the student is referred to the Counseling Cell. The Counseling Cell takes efforts to help the student out of the difficulties. Whenever the Cell finds it beyond its limitations, the services of the expert Counselor of the College is sought.

Placement Cell provides guidance services connected with employment and higher education. Placement Cell, Human Values Development Cell, Human Resources and Motivation Cell regularly organise orientation/guidance programmes.

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

- As the class room teaching is being supplemented with power point presentations, the web support is increasingly being sought. The class room teaching in the College begins gradually to move in the direction of becoming ICT enabled class room teaching. As power point presentations free the teacher and the student from black board, 3D structures and complicated diagrams are easily presented, the students are able to follow the classes and grasp concepts much easier.
- Net-based learning is encouraged.
- Peer Teaching

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

Availability of library Resources:

- Books for competitive exams

- ILL
- Photo copier
- e-resources
 - N-LIST/INFLIBNET
- Department Libraries
- New additions to the central library every year
 - Subject books are procured on the recommendations of the Departments
- Question Bank
- Reference Section
 - Encyclopedia
 - Dictionaries
 - Research journals/periodicals
 - Subject CDs
 - Projects, dissertation
- Lending of books to staff
 - The faculty use them to prepare lessons and to guide project work
- Lending of books to students
 - The students use them to prepare assignments and seminars at regular intervals and for quiz programmes, literary competitions and project works.
- Book Fair
- Net facility in the library
- Each Department has its own collection of books. The list follows:

Table 2.12 Number of books in UG Library

Sl. No.	Department	No. of Books
1.	Tamil	978
2.	English	298
3.	Mathematics	459
4.	Physics	482
5.	Chemistry	152
6.	Computer Science	3060
7.	Zoology	164
8.	Bio – Technology	100
9.	Commerce	660
10.	Business Administration	469
11.	General Knowledge	168

Table 2.13 Number of books in PG Library

Sl. No.	Department	No. of Books
1.	Tamil	1433
2.	English	912
3.	Mathematics	187
4.	Physics	552
5.	Chemistry	645
8.	Bio – Technology	85
9.	Commerce	237
10.	General Knowledge	5558

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

Generally the College has not faced such a problem, as the College ensures all ninety working days and the working days are fully utilized. And the teaching faculty, who avail leaves, compensate their classes.

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

- Feedback from students on teaching and learning.
- Receptive to recommendations and suggestions from PTA/Alumni.
- Observations of Management and Principal from time to time.
- Performance of the students in the internal tests, model examinations and University examinations helps to monitor the students’ progress in their studies.
- Performance of the students in the internal tests, model examinations and University examinations reflects the quality of teaching learning.
- Completion of Curriculum within the time frame.
- Regular attendance of students is insisted.
- Department wise Result analysis
- Internal Academic Audit
 - Semester-wise review of quality parameters

2.4 Teacher Quality

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

➤ **Selection procedure**

- The candidates are called for interview through advertisements in leading newspapers. Interview is conducted at two levels namely, preliminary (written test) and final (final interview). The teachers are selected purely on merit basis. If fully qualified teachers are not available in some cases, candidates without Ph.D./NET/ SLET are also recruited. Those staff members are encouraged to become qualified. As all the teachers are selected on the basis of merit, they are competent and proficient in their subjects.
- Retention of the teachers
 - o Annual increment
 - o Ph.D holders carry additional increments
 - o Honouring Ph.D holders
 - o Honouring award winners
 - o Honouring those who have completed 25 years of service
 - o Job security
 - o Encouragement to do research
 - o Self development of the staff is encouraged.
 - o EPF and Gratuity

Table 2.14 Qualification of faculty

Highest Qualification	Permanent		Temporary		Total
	Male	Female	Male	Female	
Teachers with P.G.	3	2	-	1	6
Teachers with PG and NET/SLET	-	-	-	-	-
Teachers with M.Phil.	16	29	3	8	56
Teachers with M.Phil. and NET/SLET	-	1	1	1	3
Teachers with Ph.D.	7	8	1	1	17
Teachers with Ph.D. and NET / SLET	-	-	2	1	3

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

Whenever it is difficult to find qualified faculty to teach new programmes/ modern areas (emerging areas) of study, the Management

appoints the best available talent as faculty and encourages them to become qualified. Whenever there is necessity.

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

a) Nomination to staff development programmes

Table 2.15 Number of faculty nominated for staff development programmes

Academic Staff Development Programmes	Number of faculty nominated
Refresher courses	1
HRD programmes	-
Orientation programmes	3
Staff training conducted by the University	1
Staff training conducted by other institutions	30
Summer / winter schools, workshops, etc.	3

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

A workshop on *ICT enabled classroom Teaching* was held for the teachers on 26.08.2015. Mr. M. Mohanadhas, Asso.Prof. Dept. of Computer Science and Criterion Team I leader, NAAC Steering Committee conducted the workshop.

c) Percentage of faculty

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

Year	Total no. of faculty	No. of faculty as resource person	Percentage
2011-2012	77	2	2.6%
2012-2013	77	-	-
2013-2014	78	2	2.56%
2014-2015	84	11	13.09%
2015-2016	86	13	15.12%

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

Year	Total no. of faculty	No. of faculty participated	Percentage
2011-2012	77	22	28.57%
2012-2013	77	27	35.06%
2013-2014	78	21	26.92%
2014-2015	84	44	52.38%
2015-2016	86	33	38.37%

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

Year	Total no. of faculty	No. of faculty presented	Percentage
2011-2012	77	4	5.19%
2012-2013	77	5	6.49%
2013-2014	78	19	24.36%
2014-2015	84	43	51.19%
2015-2016	86	12	13.95%

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

- Encouragement and financial support to participate and present papers in seminars, workshops and conferences.
- Encouragement and financial support to organize seminars, workshops and conferences.
- Encouragement to publish research articles in reputed national and international journals
- Encouragement to do research
- Ph.D holders are honoured at the time of College day
- Additional increments to Ph.D holders

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

Nil.

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

- Formal level
 - Feedback on teachers from students
 - Summary of feedback
 - Corrective measures/ Counselling of the teachers by the Principal
- Informal level
 - Students speak to class in- charges about teaching on occasions.
 - Students speak about teachers during farewell functions.

2.5 Evaluation Process and Reforms

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

- Evaluation process is included in the Handbook.
- HODs explain evaluation process for the first year UG/PG/M.Phil. students at the beginning of the academic year itself. The Question Paper Pattern is also introduced to the students.
- Communications received from University regarding evaluation are circulated to Departments and through the Departments to the students too.
- University rules, regarding attendance, for eligible to be appearing the University Exams made known to the students
- Special instructions from the Principal/Chief Superintendent to the invigilators when the first year UG students write their University Exams for the first time
- In addition, when the first year UG students write their University Exams for the first time, the invigilators ask the students to read 'Instructions to Candidates' carefully, before start writing the examination.

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

- University
 - From 2011-12 onwards, supplementary examinations for those who have failed in just one paper in the final semester - an opportunity for the students to continue their higher studies without any break.
 - Issuing of photocopies of answer sheets

- Revaluation, Retotalling and OMR sheet for data entry and answer booklet system upgraded the quality of examination system.
- Dummy number system
- Internals which facilitates continuous assessment of the students' progress.
- Internal tests, Assignments, Projects, Seminars and Practicals.
- From the year 2008 onwards, the University has introduced Choice Based Credit System. Under the new system, credits are awarded to students based on their performance, in addition to the system of giving marks. Also, introduction of internal assessment is the special feature of this new scheme.
- Re exam for those students who are away on other duty (representing the University) during the University examination by Manonmaniam Sundaranar University, like Sports/NCC/NSS

➤ **Institution**

- Internal tests are centralized and conducted systematically on scheduled dates. As far as the question paper pattern is concerned, uniformity is maintained based on University pattern.
- Re-tests
- Other class tests

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

➤ **Institution**

The complete evaluation process as well as the exam schedule is communicated to the students through College Handbook and through HODs/ Class in-charges. The schedules of the internal tests are provided in the College Handbook. There is a schedule for setting the question papers for the internals, valuation of answer sheets, submission of mark-list to the Class in- charges and the displaying of the consolidated mark-list at the end of the semester. This schedule is strictly adhered to. The procedure in place for internals applies to the Model Examinations conducted at the end of every semester. The class tests are conducted by the subject teachers at frequent intervals.

➤ **University**

The complete evaluation process as laid out by the University and the additions made to it by the institution are adhered to in letter and spirit by the institution. All rules and regulations and communications regarding the conduct of University Exams are communicated to the students promptly and are implemented strictly. Every possible measure is taken to ensure the students to attain the minimum attendance required

to be eligible for appearing the University Exams. Because of the sincere efforts of the Institution in this regard, our students used to register a high percentage of attendance every semester and appear for the University Examinations without any hitch.

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

- Formative assessment approach involves assessment throughout the semester through internal tests, class tests, model tests, assignments and seminars. Formative assessment approach provides opportunity to assess students' performance to take remedial measures.
- Summative assessment is the assessment carried out at the end of the semester, i.e., the University Examinations.
- Formative assessment is planned and carried out in such a way that students' performance is enhanced at the summative assessment.

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

- Three internal tests per semester
- Schedule in Handbook
- Study portion announced in the class well in advance.
- Question paper pattern based on University Examinations Question paper
- Answer sheets distributed to the students after valuation for them to go through
- Consolidated mark list displayed at Department notice boards at the end of the semester, before sending the list to the University.
- Mark list with subject teacher/Class in-charge
- Mark list shown to the parents when they come to attend PTA
- Paves way for Independent learning – seminars and assignments
- Communication skill-seminars (subject knowledge and communication skills are taken into account)
- Internal Marks
 - 2008-09 to 2011-12
 - o UG → Total 25 Marks = 20 Marks for Tests+ 5 Marks for Assignment
 - o PG → Total 25 Marks = 20 Marks for Tests+ 5 Marks for Seminar

- 2012 -13 onwards: 20+5 for UG and 15 + assignment 4 + seminar 6 for PG
 - o UG → Total 25 Marks = 20 Marks for Tests+ 5 Marks for Assignment
 - o PG → Total 25 Marks = 15 Marks for Tests+ 6 Marks for Seminar + 4 marks for Assignment

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

- Graduate Attributes specified by the College
 - Employability
 - o Interview techniques, Group discussions
 - o General awareness programmes
 - o Employability and life skill programmes
 - o Teachers/Clerical Jobs
 - Social orientation
 - o Extension activities
 - o Inclusiveness/ social justice
 - o Human values
 - o Gender issues
 - Nation Building
 - o Growth and development of the country by ensuring growth and development of this backward area
 - Environment consciousness
 - o Campus Improvement and Eco club functioning in the College.
 - o Awareness programmes conducted related Environment consciousness
 - o Competitions conducted
 - o International Days celebrated
 - Research orientation
 - o Research Committee functioning in the College.
 - o Research Committee is in the process of bringing out a multidisciplinary Research Journal.
 - o Research Orientation programmes conducted.
 - o Encouragement to present papers in conferences
 - o Encouragement to publish papers in research journals

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

- The College has a Grievances Redressal Cell. Students can approach the Cell to get grievances redressed. Grievances connected with

evaluation both at the College and University level can also be brought to the attention of the Cell. The Cell, after going through the nature of the grievance, suggests measures to be followed by the students.

- Facility to apply to the University if the students are not satisfied with their marks. Photocopies of the answer sheets can also be obtained if the students want to get themselves satisfied with the evaluation. If the students are not satisfied with the evaluation, they can apply for revaluation.
- As far as internals are concerned, if the students have grievances, they can approach their subject teachers directly or through their Class-in-charges and get their grievances redressed.

2.6. Student performance and Learning Outcomes

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

➤ Learning Outcomes

- To acquire the working knowledge of the subject.
- To become employable.
- To become socially oriented.
- To become research oriented.
- To inculcate personal and intellectual integrity in the minds of the students of the College.
- To develop team spirit.
- To have an inclusive approach towards people.

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

The progress and performance of the students is monitored through class tests, seminars, assignments, internal tests and the model tests. Cumulative record of academic performance is maintained for each student. Individual care is taken by the Class in-charge.

Programme - wise Result Analysis for the last four years are given below:

Table 2.16 Result Analysis for the year 2011-2012

Programmes	2011-2012		
	No. of Appeared	No. of Passed	Pass Percentage (%)
B.A. English	64	36	56
B.Com.	57	9	16
B.Sc. Mathematics	49	49	100
B.Sc. Physics	43	29	67
B.Sc. Chemistry	35	25	71
B.Sc. Computer Science	44	44	100
B.Sc. Bio-Technology	12	11	92
B.B.A.	47	34	72
M.A. English	23	15	65
M.Com. with computer Application	22	16	73
M.Sc. Mathematics	21	9	43
M.Sc. Physics			
M.Sc. Chemistry	24	7	29
M.Sc. Bio-Technology	12	12	100

Table 2.17 Result Analysis for the year 2012-2013

Programmes	2012-2013		
	No. of Appeared	No. of Passed	Pass Percentage (%)
B.A. English	68	34	50
B.Com.	49	16	33
B.Sc. Mathematics	44	31	70
B.Sc. Physics	48	24	50
B.Sc. Chemistry	47	27	57
B.Sc. Computer Science	41	32	78
B.Sc. Bio-Technology	6	6	100
B.B.A.	58	26	45
M.A. English	22	15	68
M.Com. with computer Application	22	18	82
M.Sc. Mathematics	23	18	78
M.Sc. Physics	18	11	61
M.Sc. Chemistry	25	3	12
M.Sc. Bio-Technology	20	19	95

Table 2.18 Result Analysis for the year 2013-2014

Programmes	2013-2014		
	No. of Appeared	No. of Passed	Pass Percentage (%)
B.A. English	69	64	93
B.Com.	51	17	33
B.Sc. Mathematics	56	41	73
B.Sc. Physics	45	23	51
B.Sc. Chemistry	41	29	71
B.Sc. Computer Science	40	32	80
B.Sc. Bio-Technology	9	9	100
B.B.A.	58	34	59
M.A. English	24	24	100
M.Com. with computer Application	23	19	83
M.Sc. Mathematics	24	22	92
M.Sc. Physics	25	9	36
M.Sc. Chemistry	25	11	44
M.Sc. Bio-Technology	13	13	100
M.Phil Commerce	10	7	70

Table 2.19 Result Analysis for the year 2014-2015

Programmes	2014-2015		
	No. of Appeared	No. of Passed	Pass Percentage (%)
B.A. English	61	34	56
B.Com.	49	13	27
B.Sc. Mathematics	48	32	67
B.Sc. Physics	47	32	68
B.Sc. Chemistry	45	27	60
B.Sc. Computer Science	43	33	77
B.Sc. Bio-Technology	9	5	56
B.B.A.	54	29	54
M.A. English	25	17	68
M.Sc. Mathematics	25	23	92
M.Sc. Physics	25	10	40
M.Sc. Chemistry	25	13	52
M.Sc. Computer Science	19	19	100
M.Sc. Bio-Technology	15	13	87
M.Phil Commerce	7	6	86

M.Phil. Mathematics	10	10	100
M.Phil. Physics	5	5	100
M.Phil. Chemistry	10	7	70
M. Com.	12	7	58

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

- To acquire the working knowledge of the subject.
 - Teaching and learning methods such as lectures, power point presentations, assignments and seminars, project works, field visits and industrial visit.
 - Class tests, internal tests and model examinations are conducted for each subject.
 - Individual care is taken by the Class-in-charge.
 - Feedbacks on teaching & learning.
 - Guest lectures
- To become employable.
 - Career Guidance programmes/Placement Training programmes by Placement Cell/Departments
 - Coaching Classes for Competitive Exams
 - Spoken English Classes
 - Computer Education Classes
 - SC/ST cell organizes career guidance programmes for the SC/ST students.
- To become socially oriented.
 - Students are encouraged to take part in Extension/outreach programmes
- To become research oriented
 - Students are encouraged to participate/present papers in Seminars/Symposia/Conferences
 - Students are encouraged to publish papers in research journals
 - M.Phil Students are encouraged to attend Ph.D viva-voce conducted in nearby Colleges.
 - Orientation programmes to students are arranged at the College.
 - Students are introduced to potential research areas/recent developments/emerging trends
- To inculcate personal and intellectual integrity in the minds of the students of the College.
 - Students are encouraged to take part in Extension/Outreach programmes, for, the students have to come to terms with the realities and difficulties of the community outside and become better and responsible citizens. Because, when they come out of

the precincts of the College to do Extension activities, and when they are expected to put in physical work and when they are given the sole responsibility of organizing and accomplishing things, they realize the rigours of the worldly life.

- Orientation programmes by Human Values Development Cell & Counselling Cell at regular intervals.
- In the case of students who are problem makers, The Principal/Discipline Committee prefers sending students to the Counseling Cell for corrective measures, for giving the students an opportunity to correct themselves, before proposing punishments.
- Not only the Class in-charges, but also other faculty members also speak to the students one-to-one, whenever the students are found wanting in studies or otherwise, and stress the necessity to be a responsible student in the College, to be a responsible son/daughter to their parents.
- Uniform dress code for the students develops a sense of equality among them.
- Food for thought – everyday.
- To develop team spirit
 - Responsibilities/opportunities are given to the students to work as a team which develops the habits of team spirit, comradere and leadership.
 - o NSS
 - o Organisational role
 - Seminars
 - Industrial Visits
 - o College Day and other functions of the College
 - o Their role as Class representatives
 - o Their role as members of Students' Council
 - o Participation in Campus Radio programmes
 - o NPTEL online Course Leaders
 - o Neo Navigation Cell Office Bearers
 - o Rover Club
- To have an inclusive approach towards
 - As stated in the Vision & Mission statement, the institution is committed itself to treat all the students equally without any discrimination on the basis of religion, caste and community.
 - The first day of every academic year starts with a Common Prayer meeting in which scriptures from all the faiths are read.
 - Religious Harmony Cell of the College organizes sensitization programmes that promote communal harmony.

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

- Placement, Career Guidance and Tie-up Cell
 - Awareness programmes on ‘Opportunities in higher education and employment’
 - Placement Training Programmes/Employability and Life skill classes
 - Coaching classes for Competitive Exams
 - Subscription of Employment News and Employment Sein the library
 - Newspaper clippings on Employment Opportunities
 - Placement Tips through Campus Radio every Friday
- Human Resources and Motivation Cell
 - Entrepreneurial skill development programmes
- Research Committee
 - Participation and paper presentation in seminars
 - Research orientation programmes by the Committee and Departments
 - Projects
 - o UG, PG, M.Phil.
- Add- on courses
 - Spoken English Classes
 - Computer Education classes
- All students are motivated to subscribe ‘The Hindu’ Newspaper – to develop spoken English Skill & Current affairs

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

- Feedback from students on teaching and learning helps to identify the barriers of learning.
- Internal tests and class tests also help to identify how the students are able to follow the classes.
- Class in-charges/Subject Teachers take special care to identify the difficulties faced by the students in connection with learning and take measures to help them.
- Providing Model Questions/Question Bank
- English as a medium of instruction is a barrier of learning. So classes are handled in Tamil too.
- Bridge course, Remedial classes help overcome barriers of learning

- Failures in University Examinations given remedial classes

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

- By the performance of the students in class tests, internal tests and model tests, seminars and assignments.
- Class in-charge and Subject teacher regularly monitor the progress.
- Counseling and remedial to slow learners.
- Further, University examination results/ Ranks acts as an indicator of the achievement of learning outcomes.
- Proficiency awards at the time of College day.
- Endowment awards given for top scorer at the time of College day
- Fees reduction for outstanding performers in University examination
- University Rank holders felicitated at the College day and the graduation day functions.
- Feed backs at the time of PTA meetings and Alumni meetings.

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

- Yes. The assessment/ evaluation outcomes are used as indicators for evaluating student performance and achievement of learning objectives.
- On the basis of the performance of the students at the internal tests, model tests, class tests the knowledge and skill levels are identified. Students are graded as advanced learners and slow learners. Advanced and slow learners are given motivational/remedial classes. Others are encouraged to do better.

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

CRITERION III

RESEARCH, CONSULTANCY AND EXTENSION

3.1. Promotion of Research

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

The Institution does not have a research centre of the affiliating University or any other agency / organization. The institution has M.Phil courses in Tamil, Mathematics, Physics, Chemistry and Commerce.

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

Yes. It consists of six members.

Sl.No.	Name	Department
1.	Dr.J.Johnson (Convener)	Physics
2.	Dr.B.Stephen John	Mathematics
3.	Dr.M.Josphine Rani	Commerce
4.	Dr.M.Jayarajan	Chemistry
5.	Mrs.Carolinal	Mathematics
6.	Dr.P.S.Rajesh	Tamil

➤ Recommendations made by the Research Committee:

- Additional research equipment in research Departments.
- To develop e-resource facilities in research laboratories.
- To give additional incentives for Ph.D. holders.
- To increase the weitage for the working hours of research guides (M.Phil.).
- To publish a research journal.
- To conduct research orientation programmes for M.Phil and PG students.
- To give cash award for those who publish papers in reputed international journals.
- To take the M.Phil. students to the Ph. D. Viva Voce conducted at nearby research centers.
- To provide the list of funding agencies to the Departments.

➤ Implementation:

- Some instruments purchased:

- o Physics: PH Meter, Magnetic Stirrer, Ultrasonic Interferrometer, Digital Balance
- o Chemistry: Digital boiling and melting point apparatus, Double Distillation set up, Digital Balance, PH meter
- Every year the laboratories are being gradually equipped.
- Establishing of e-resources facilities is under progress.
- Additional increment given to those who completed Ph.D.
- Works connected with the Publication of Annai Velankanni College Multi Disciplinary research journal (AVION) is under progress.
- Those who publish papers in reputed international journal are honoured at the College Day celebrations.
- M.Phil. students from Department of Physics attended Ph.D viva-voce programmes conducted in nearby research centres.

Impacts:

The research culture among the faculty and students is improving. Publication per faculty shows improvement. More and more staff members registering for Ph.D.

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

- **Autonomy to the principal investigator**
 - **Timely availability or release of resources**
 - **Adequate infrastructure and human resources**
 - **Time-off, reduced teaching load, special leave etc. to teachers**
 - **Support in terms of technology and information needs**
 - **Facilitate timely auditing and submission of utilization certificate to the funding authorities**
 - **Any other**
- Subscribing journals to the library
 - INFLIBNET facilities made available.
 - Computer centre with internet facility.
 - To help the researchers, their class hours are adjusted within the Department whenever they go on leave or on Other Duty.
 - On Other Duty facility to attend seminars/ conferences to present papers.
 - The College allows registration fee for those who present papers in other institutions depending on the availability of funds.
 - Encouraging staff to publish research articles in journals
 - The institution encourages faculty to register for Ph.D.
 - The institution encourages the faculty to try for research projects.
 - The institution is making efforts to get 12(b) and 2(f) status.

- The Research Committee provides the staff with the list of funding agencies for which 12(b) and 2(f) status of the institution is not mandatory.
- The College is liberal enough to allow the faculty doing research to access all facilities available in the campus.

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

- Conducting orientation programmes/ training programmes/ motivational programmes.
- Departments conduct seminars/ symposia / workshops.
- Encouraging staff and students to present research papers in seminars, conferences
- Projects for P.G./ M.Phil students in areas of recent developments.
- Students are motivated to make use of the library resources, internet, laboratory and other infrastructure facilities.
- Making P.G. / M.Phil students attend viva-voce in nearby research centers.
- Visiting research laboratories/research institutes
- Conducting Science exhibition
- Activities of NEO NAVIGATION Committee
 - Neo Navigation Committee prepares power point presentations on topics like Nobel Prize Winners 2015, GSLV D6 Rocket, Nano Technology in Chemistry, India Based Neutrino Observatory, Chemistry in Daily Life, Applications of Mathematics in other Subject, History of Mathematicians and presents it to the students of our College.

3.1.5 Give details of the faculty involvement in active research (guiding student research, leading research projects, engaged in individual/collaborative research activity, etc.)

- One of the faculties is recognized as research Supervisor for Ph.D programmes.
- The Faculty members act as Guides for M.Phil programmes.
- Our faculty engages in individual research activity.
- The details of M.Phil. and Ph.D. scholars guided by the faculty members are given below:

Table 3.1 M.Phil. and Ph.D. scholars guided by the faculty

Sl.No.	Name	Department	M.Phil.	Ph.D.
1.	Mrs. C. Ajitha	Tamil	1	-
2.	Mrs. C. Little Flower	Tamil	1	-
3.	Dr. S. Stalin Sathiya	Tamil	1	-

4.	Mrs. Y. Lalitha	Tamil	1	-
5.	Dr. Rajesh P.S.	Tamil	1	-
6.	Dr. A. Christal Sheeba	Tamil	1	-
7.	Dr. R. Adlin Jeba	Tamil	1	-
8.	Mrs. E. Rejila Mary	Tamil	1	-
9.	Dr. K. Aji	Tamil	1	-
10.	Miss. S. Thanga Preetha Malar	Tamil	1	-
11.	Dr. B. Stephen John	Mathematics	1	-
12.	Mr. M. Anto	Mathematics	3	-
13.	Mr. G. Dominic Babu	Mathematics	2	-
14.	Mr. B. Michael Collins	Mathematics	2	-
15.	Mrs. D. Rejin Rose	Mathematics	2	-
16.	Dr.J.Johnson	Physics	2	-
17.	Mr.Y.Samson	Physics	2	-
18.	Mr.M.Maria Lenin	Physics	2	-
19.	Dr.M.Amalanathan	Physics	2	-
20.	Dr. A. Darlin Mary	Physics	2	-
21.	Dr.S.R.Brintha	Chemistry	3	-
22.	Dr.S.Mary Helen	Chemistry	3	-
23.	Dr.M.Jaya Rajan	Chemistry	4	-
24.	Dr.M.Josephine Rani	Commerce	4	-
25.	Mr.K.Vargheese	Commerce	2	-
26.	Mr.T.Vijayakumar	Commerce	2	-
27.	Dr.G.Jerin Rose	Commerce	2	-
28.	Dr.G.Sujin	Commerce	2	-
29.	Mrs.K.Ajitha	Commerce	1	-

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

Table 3.2 Seminars / Workshops / Training programmes conducted by the institution during the year 2008-2016

Department/ Cell	Seminars	Symposia	Conferences	Workshops
Tamil	4	-	-	2
English	4	-	-	1
Mathematics	4	1	-	-
Physics	4	1	-	-
Chemistry	3	2	-	-
Computer Science	5	2	-	4
Bio-Tech	2	2	1	-

Zoology	1	-	-	1
Commerce	2	1	-	1
BBA	3	3	-	-

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

Table 3.3 List of the prioritized research areas and the expertise available in the institution

Name	Department	Research Area
Dr.J.M. Sasi Premila	Bio-Technology	Industrial Bio-Technology
Dr. T. Suresh	Bio-Technology	Cancer Biology
Dr. S.R.Britha	Chemistry	Nano particles
Dr.S.Mary Helen	Chemistry	Environmental science
Dr.M.Jaya Rajan	Chemistry	Adsorption and Kinetic studies
Dr.M.Josephine Rani	Commerce	Analysis in Social Economic Conditions
Dr.G.Jerin Rose	Commerce	Analysis in Socio-Economic Conditions
Dr.G.Sujin	Commerce	Relationship Marketing / Banking
Dr.Stephen John	Mathematics	Graph Theory
Dr. J.Johnson	Physics	Crystal Growth
Dr. M. Amalanathan	Physics	Vibrational Spectroscopy
Dr. A.Darlin Mary	Physics	Crystal Growth
Dr. S.Jeya	Zoology	Bio-Pesticides
Dr. S. Stalin Sathiya	Tamil	Grammar – Comparative ஒப்பீட்டு முறையில் தொல்காப்பிய கற்பியல் உரைகள்
Dr. P.S.Rajesh	Tamil	Tamil & Malayalam Grammar, Ancient, Medieval, Modern Literature and Indian Philosophy
Dr. A. Christal Sheeba	Tamil	Modern Literature தற்கால இலக்கியம்
Dr.C.Little Flower	Tamil	Sanga ilakkiyankalil Katchi Padimangal சங்க இலக்கியங்களில் காட்சிப்படிமங்கள்
Dr. R. Adlin Jeba	Tamil	Modern Literature, Grammar, Ancient Literature கன்னியாகுமரி மாவட்ட சாம்பவர்களின் சமுதாய மொழியியல்
Dr. K. Aji	Tamil	Grammar Comparative Literature நன்னூல், தமிழ்நூல் - ஒப்பீடு

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

- The College encourages the Departments to organize Conferences/Symposia/Seminars/Workshops. The Departments invariably conduct at least one such programme every year.
- Committees are encouraged to conduct orientation/awareness programmes.
- Departments conduct Association Meetings once in a semester.
- It is the practice of the Departments to invite researchers of eminence from nearby institutes and industries. The list is as follows. (2009-2016)

List of researchers of eminence visited from nearby institutes and industries

- **Annexure II**

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

No.

3.1.10 Provide details of the initiatives taken up by the institution in creating awareness/advocating/transfer of relative findings of research of the institution and elsewhere to students and community (Lab to land)

- Conducting presentation on 'Scientific Developments' to the UG students by the members of NEO NAVIGAION Comittee. The topics covered are Nobel Prize Winners 2015, GSLV D6 Rocket, Nano Technology in Chemistry, India Based Neutrino Observatory, Chemistry in Daily Life, Applications of Mathematics in other Subject, History of Mathematicians.
- Conducting Science Exhibition. Students of all Departments take part and exhibit models based on recent development in their respective areas.
- Mrs A.Darlin Mary, Department of Physics addressed through All India Radio, Nagercoil on the topic 'Space Voyage' on 10- 02 - 2015.
- Mr.Y.Samson, Associate Professor, Department of Physics addressed through All India Radio, Nagercoil on the topic 'Atmosphere of Earth' on 15- 05 – 2015 in connection with Global Wind Day.

3.2 Resource Mobilization for Research

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

Table 3.5 Year wise Budget allocation for research

Academic Year	Total Budget	Allocated for Research (Rs.)		
		Seminar/ Conferences	Registration Fee	Total
2011-2012	2,17,92,294	18500	1900	20400
2012-2013	2,51,16,801	63240	4550	67790
2013-2014	2,78,84,421	81210	1500	82255
2014-2015	2,26,78,206	25164	1500	86664

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

- No seed money
- Those who are doing research can use Infrastructural facilities available in the College
 - Net connectivity
 - INFLIBNET
 - Library and lab facilities
- Registration fee for faculty and students to present Papers in conferences.
- Those who have completed Ph.D are honoured at the time of College Day celebrations.
- Those who have published in international journals are honoured.

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

- M.Phil and P.G students have projects as part of their curriculum. Infrastructural facilities are provided.

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

- Faculty and students are motivated to do interdisciplinary research.
- In PG / M.Phil level, interdisciplinary research works are going on.
 - M. Phil. students from Department of Chemistry completed interdisciplinary projects (Physics – related).

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

- Our College provides free access to INFLIBNET e- resources which are used by our faculty, PG and M.phil students.
- Research journals in the Library are used by the students and the staff members.
- The staff members and the students are utilizing the available equipment and the infrastructure facilities for the research work.
- Uninterrupted power supply is provided for the smooth progress of research.
- Students are allowed using facilities outside scheduled hours too.
- Whenever necessary, facilities from other Departments are also made available to the students.

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

No.

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

- The College has no 12(b) and 2(f) status.
- The Research Committee provides the staff with the list of funding agencies for which 12(b) and 2(f) status of the institution is not mandatory.

3.3 Research Facilities

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

- M.Phil programmes in five Departments.
- Library support
 - INFLIBNET
 - reference materials, research journals, photocopy

- All PG Departments have Departmental Libraries
- Well equipped spacious laboratories for science Departments
- Round the clock power supply
- Net Connectivity to all Departments and Computer Centre.

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

- The U.G., P.G., and M.Phil Departments are equipped with sufficient infrastructural facilities such as Library and Lab facilities.
- In addition, INFLIBNET facility is made available to the teaching staff, P.G and M.Phil students.
- Encouragement to use facilities available with reputed Research Laboratories and Research Institutes
- Net connectivity to all Departments

Future Plans:

- New Library with net support and easy access to e-resources.
- Efforts are on to get 2f and 12b status for the College.
- ICT enabled class rooms for all Departments.
- Conference hall.
- UV-Visible spectrometer to the Department of Physics.
- Plan to upgrade Research Departments into Research Centers.

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

- The institution has not received any special grant or finance from the industry/ other beneficiary agency.
- The Alumni of the Department of Physics donated 352 books worth Rs. 2,00,000/- to the Department library during the academic year 2012-2013.
- The M. Phil. students of 2014-2015 batch donated a Laser Printer (Canon 2900) worth Rs. 7000 /-

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

Research facilities available to our students and Research Scholars outside the campus / other research laboratories:

- NIST, Trivandrum
- SAIF, Trivandrum
- CUSAT, Cochin
- Karunya Institute of Technology, Coimbatore
- CESS, Trivandrum
- Kamini Centre for Bio-Tech, Thuckalay
- Inbiotics, Nagercoil
- PSN College, Thirunelveli
- Noorul Islam University, Kumaracoil

Utilization of research facilities outside the campus

- Department of Bio-Technology has a good rapport with Biotech laboratories such as Life tech, Chennai, Kamini Biotech, Thuckalay and Inbotics-Nagercoil.
- The faculty members of the Department of Chemistry use the Regional Research Laboratory-Trivandrum, SAIF-Trivandrum, CUSAT- Cochin and Karunya Institute of Technology, Coimbatore for the characterization study of samples.
- Sending samples to various laboratories and institutions for characterizations.

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

- The library is a member of N-LIST Consortia through which the students, researchers and faculty members can access more than 6000 electronic journals and 97000 e-books.
- The library subscribes many research journals.

Table 3.6 List of Journals subscribed by the College

Sl. No.	Journals	Number
1.	Tamil	3
2.	Physics	5
3.	Chemistry	5
4.	Mathematics	2
5.	Zoology	2
6.	Commerce	4

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

- Department of Physics collaborates with Centre for Molecular and Bio Physics Research, Mar Ivanios College (Autonomous), Trivandrum for doing the Gaussian Based Calculation.
- Department of Chemistry collaborates with the Department of Physics Govt. Women's College Trivandrum for the students to do M.Phil Projects.
- Department of Mathematics collaborates with Department of Maths, Sacred Heart College (Autonomous), Thiruppathoor, Velloor District for the students to do the M.Phil and M.Sc Projects.
- The Department of English collaborates with the SCILET, American College Madhurai, for the student project purpose.
- The Department of Zoology plans to collaborate with YMCA Marthandam, for Apiculture practice for the students.
- The Department of Commerce has a signed MoU with Lofty Optical, Puthukkadai for Employment opportunity for our students. The Department of Commerce plans to do collaborate with Department of Commerce Govt. Women's College, Ramanathapuram.
- The Department of Tamil plans to collaborate with the "Kumari Muthamil Mantam" Mulankuli, Kappukadu for training the student in developing the oratorical skills of the students.

3.4 Research Publications and Awards

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

- **Patents obtained and filed (process and product)**
 - **Original research contributing to product improvement**
 - **Research studies or surveys benefiting the community or improving the services**
 - **Research inputs contributing to new initiatives and social development**
- Patents obtained and filed (process and product) : Nil
 - Original research contributing to product improvement : Nil
 - Research studies or surveys : Yes
 - The Department of Business Administration and Commerce completed some social surveys or studies benefiting the community or improving the services.

Table 3.7 Research studies or surveys done by the BBA and B.Com.

Academic Year	Department	Title of the Survey	Place
2009-2010	Business Administration	A Study on Psychological Factors of Consumers on the Emergence of Hyper-Market in Nagercoil Town	Derik Mart Pvt. Ltd., Nagercoil
2010-2011	Business Administration	A Study on Welfare Measures with Special Reference to Lofty Optical at Puthukadai	Lofty Optical Industries, Puthukadai
2012-2013	Business Administration	A Study on Customer Satisfaction in Win Suzuki with Reference to Nagercoil	Win Enterprizes Pvt. Ltd., Nagercoil
2012-2013	Business Administration	A Study on Employee Welfare Facilities at Travancore Titanium Product Pvt. Ltd., Kochuveli	Travancore Titanium Product Pvt. Ltd., Travancore
2012-2013	Business Administration	A study on Quality of Work Life of Kurian Abraham Pvt. Ltd., Konam-DIV	Kurian Abraham Pvt. Ltd. Glovest Divison: Comorin Latex Products, Nagercoil
2012-2013	Business Administration	A Study on Customer Satisfaction in Bharath Motors with Reference to Marthandam	Bharath Motors, Marthandam
2013-2014	Business Administration	A Study on Consumer Behaviour on behalf Bharath Motors	Bharath Motors, Marthandam
2013-2014	Business Administration	A Study on Job Satisfaction in Lofty Optical Industries, Puthukadai	Lofty Optical Industries, Puthukadai
2013-2014	Business Administration	A Study on Training and Development Programe in Indian Rare Earth's Ltd., Manavalakurichi	Indian Rare Earth's Ltd., Manavalakurichi
2013-2014	Business Administration	A Study on Effectiveness of Distribution Channel in Kodai Car [s] Pvt. Ltd., Nagercoil	Kodai Car [s] Pvt. Ltd., Palayamkottai, Trinelveili

2013-2014	Business Administration	A Study on Job Satisfaction of Workers in Vijayalaksmi Cashew Company, Kuzhithurai	Vijayalaksmi Cashew Company, Kuzhithurai
2013-2014	Business Administration	A Study on Organizational Climate at Comorin Polymers and Plantation Ltd, Maruthukottai	Comorin Polymers and Plantation Ltd, Maruthukottai, Thuckalay
2013-2014	Business Administration	A Study on Employee Welfare Facilities at JK Industry	JK Industries Vaniyanvilai, Nelveli
2015-2016	Commerce	Rain Water Harvesting Data Collection,	Killiyoor Panchayat, 3 rd Ward, Mankarai

➤ Research inputs contributing to new initiatives and social development:

Two of the staff members Dr. G.Jerin Rose and Dr.G.Sujin, Assistant professor of the Department of Commerce have completed their research work in socio-economic and banking area.

- Dr. G. Sujin – Analysis of relationship marketing of commercial banks of Kanyakumari and Tirunelveli Districts with Reference to small and medium Enterprises, Dr. G. Jerin Rose – A comparative study on the Socio-Economic conditions of aided and unaided College with special reference to kanyakumari district.

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

We are in the process of publishing an ISSN numbered multi disciplinary research journal AVION.

The Members of Editorial Board

Sl. No.	Name of the Member	Designation
1.	Dr. R.S. Sugitha Basmath	Department of Tamil, Rani Anna Govt. College for Women, Tirunelveli
2.	Dr. Rohini Thilagavathy	Department of English Nesamony Christian College, Marthandam.
3.	Dr. B. Stephen John	Head, Department of Mathematics, Annai Velankanni College, Tholayavattam.

4.	Dr. M. Amalanathan	Department of Physics, Annai Velankanni College, Tholayavattam.
5.	Dr. G. Allan Gnana Raj	Department of Chemistry, Scott Christian College, Nagercoil.
6.	Dr. P.M. Joe Prathap	Associate Professor, Department of Computer Science, R.M.D. Engineering College, Kavaraipettai, TamilNadu.
7.	Dr. M.I. Zahir Hussain	Department of Zoology, Sadak Abdullah Appa College, Tirunelveli.
8.	Dr. Janet Y. Selvia	Department of Commerce, Govt. Arts College, Ramnad.

➤ **Publication Policies of our Research Journal**

- The articles may be either analytical or descriptive in nature, but they should be the original work of the author.
- The paper should have a cover giving title, author's name, complete address, cell number, email id of the author. In case of co-authors these details should also be provided for each co-author. Correspondence will be with the first author only.
- The full paper should have an abstract followed by key words and an introduction containing statement of the problem, scope, literature review and objectives. Methodology should be an acceptable one and the materials used in the study should be clearly indicated. Limitations, findings, suggestions and conclusion should come under discussion/remarks followed by References.
- References must be consistent.
- The methodology should be appropriate pertaining to the topic.
- Section headings are to be in the title case, italic, 12 point font size and left justified. All submission may be in M.S. word format.
- The paper should be clearly typed and should not exceed five pages.
- The paper should have credible and accurate information.
- Presenters are invited to submit two copies of full paper typed in Times New Roman (Font size 12, title font size 14, double space) in A4 size white paper. A soft copy (CD) of the same should also be submitted along with the paper.

- Periodicity of this journal is annual.
- Compact Journal of Arts and Science.
- Articles collected from staff and PG/M.Phil students will be published after reviewed getting the consent from the authorized reviewer/referee from the concerned subject expert/reviewer.
- Fees for publication of an article is Rs. 500/-
- Email id : avcresearchjournal@gmail.com
- The editorial board has the right to reject the articles if they are not upto the standard and if reviewers reject the articles.

3.4.3 Give details of publications by the faculty and students:

- **Publication per faculty**
- **Number of papers published by faculty and students in peer review journals (national / international)**
- **Number of publications listed in International Database (for example: Web of Science, Scopus, Humanities International Complete, Dare Database – International Social Sciences Directory, EBSCO host, etc.,)**
- **Monographs**
- **Chapter in books**
- **Books edited**
- **Books with ISBN/ ISSN numbers with details of publishers**
- **Citation Index**
- **SNIP**
- **SJR**
- **Impact factor**
- **h-index**

➤ **Publication per faculty**

Table 3.8 Publication per faculty

Sl.No.	Name of the staff	Department	No. of Publications		
			ISBN No.	ISSN No.	Total
1.	Mrs. C. Ajitha	Tamil	3	-	3
2.	Mrs. C. Little Flower		7	-	7
3.	Mrs. R. Subaja		7	1	8
4.	Dr. S. Stalin Sathiya		5	-	5
5.	Mrs. Y. Lalitha		7	-	7
6.	Dr. P.S. Rajesh		2	-	2
7.	Dr. A. Christal Sheeba		3	-	3
8.	Mrs. T. Mabel Rani		3	-	3
9.	Dr. R. Adlin Jeba		1	-	1
10.	Dr. K. Aji		2	-	2

11.	Miss. S. Thanga Preetha Malar	English	7	-	7
12.	Mrs. E.Rejila Mary		3	-	3
13.	Mrs. F. Meena Theresa		-	2	2
14.	Mrs. D. Joen Joselin		2	-	2
15.	Mrs. J. Jesu Latha		1	-	1
16.	Mr. C. I. Rajesh		2	1	3
17.	Dr. B. Stephen John	Mathematics	-	4	4
18.	Mr. M. Anto		-	3	3
19.	Mr. D. Dominic Babu		1	9	10
20.	Mr. M. P. Annie Subitha		-	1	1
21.	Dr. J. Johnson	Physics	-	2	2
22.	Mr. Y. Samson		-	1	1
23.	Mr. M. Maria Lenin			2	2
24.	Mr. A. Rejo Jeice		-	8	8
25.	Dr. M. Amalanathan		1	29	30
26.	Mrs. A. Darlin Mary		-	2	2
27.	Dr. S.R. Brintha	Chemistry	-	3	3
28.	Dr. S. Mary Helen		-	3	3
29.	Mrs. S. S. Sajitha		-	1	1
30.	Mr. M. Jaya Brabha		-	4	4
31.	Dr. M. Jaya Rajan		-	2	2
32.	Mrs. M. Antilin Princela		-	2	2
33.	Mr. J. Eugin Shaji		-	5	5
34.	Mr. M. Mohanadhas	Computer Science	-	3	3
35.	Mrs. P. M. Jogi Priya		-	2	2
36.	Dr. Janet Y. Selviya (till 2014-2015)	Commerce	2	-	2
37.	Dr. J. Stephen Davis (till 2014-2015)		-	3	3
38.	Dr. M. Josphine Rani		1	-	1
39.	Dr. G. Jerin Rose		-	1	1
40.	Dr. G. Sujin		6	2	8
41.	Mr. J. Algin Jose		2	-	2
42.	Dr. T. Suresh	Bio-Technology	-	1	1
43.	Mrs. A. L. Hema Latha		-	2	2
44.	Dr. J. M. Sasi Premila		-	4	4
45.	Mrs. G. Prabha	Zoology	-	1	1
46.	Dr. S. Jeya		1	1	2
47.	Mrs. X. Mary Jecintha		-	1	1

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

Table 3.8 Publication by faculty

Sl.No.	Name of the Staff	Publications		Total
		National	International	
1.	Mrs. C. Ajitha	3	-	3
2.	Dr. C.Little Flower	7	-	7
3.	Mrs.R. Subaja	7	1	8
4.	Dr. S. Stalin Sathiya	5	-	5
5.	Mrs. Y. Lalitha	7	-	7
6.	Dr. Rajesh P.S.	2	-	2
7.	Dr. A. Christal Sheeba	2	1	3
8.	Mrs. Mabel Rani	3	-	3
9.	Dr. R. Adlin Jeba	1	-	1
10.	Dr. K. Aji	2	-	2
11.	Miss. S. Thanga Preetha Malar	5	2	7
12.	Mrs. E.Rejila Mary	3	-	3
13.	Mrs.F. Meena Theresa	2	-	2
14.	Mrs.D. Joen Joselin	2	-	2
15.	Mrs.J.Jesu Latha	1	-	1
16.	Mr. C. I. Rajesh	2	1	3
17.	Dr. B. Stephen John	-	4	4
18.	Mr. M. Anto	-	3	3
19.	Mr. G. Dominic Babu	2	8	10
20.	Mrs. M. P. Annie Subitha	-	1	1
21.	Dr. J. Johnson	-	2	2
22.	Mr. Y. Samson	-	1	1
23.	Mr. M. Maria Lenin	-	2	2
24.	Dr. A. Rejo Jeice	2	6	8
25.	Dr. M. Amalanathan	-	30	30
26.	Dr. A. Darlin Mary	-	2	2
27.	Dr. S.R. Brintha	-	3	3
28.	Dr. S. Mary Helen	-	3	3
29.	Mrs. S. S. Sajitha	-	1	1
30.	Dr. M. Jaya Rajan	-	2	2
31.	Mr. M. Jaya Brabha	-	4	4
32.	Mrs.M.Antilin Princela	-	2	2
33.	Mr. J. Eugin shaji	1	4	5
34.	Mr. M.Mohanadhas	-	3	3

35.	Mrs. P.M.Jogi Priya	-	2	2
36.	Dr. Janet Y. Selviya (till 2014)	2	-	2
37.	Dr. J. Stephen Davis (till 2014)	2	1	3
38.	Dr. M. Josephin Rani	1	-	1
39.	Dr. G. Jerin Rose	1	-	1
40.	Dr. G. Sujin	5	3	8
41.	Mr. J. Algin Jose	2	-	2
42.	Dr.T.Suresh	1	-	1
43.	Mrs.A.L.Hemalatha	-	2	2
44.	Dr.J.M.Sasi Premila	2	2	4
45.	Ms.G.Prabha	-	1	1
46.	Dr. S.Jeya	1	1	2
47.	Mrs.X.Mary Jecintha	1	-	1

Table 3.9 Presentation by students

Year	Department	No. of papers presented in conferences
2011-12	English	10
	Maths	5
	Physics	2
	Bio-Tech	1
	Commerce	9
2013-2014	Tamil	1
	Bio-Tech	6
	Physics	5
	Chemistry	6
	Commerce	1
	Computer Science	14
	BBA	2
2014-2015	Bio-Tech	18
	Chemistry	1
	Physics	14
	Computer Science	3
2015-2016	Bio-Technology	29
	Chemistry	2
	BBA	1

- **Number of publications listed in International Database (for example: Web of Science, Scopus, Humanities International Complete, Dare Database – International Social Sciences Directory, EBSCO host, etc.)**

Table 3.10 Number of publications with International Database

Name of the Staff	Number of Publications	Name of the Journal	International Database
Dr. B. Stephen John	4	International Journal of Mathematical Archive, International Journal of Mathematical and Computer Research, Global Journal of Mathematical Sciences; Theory and Practical	Scopus, Web of Science.
Mr. M. Anto	3	International Journal of Modern Engineering research	Web of Science
Mr. D. Dominic Babu	6	International Journal of pure and applied Mathematics, Global Journal of Mathematical Sciences; Theory and Practical, Journal of Modern Methods in Numerical Mathematics, International Journals of Scientific and Engineering Research, International Journal of Mathematics Trends and Technology, , IOSR Journal of Mathematics	Scopus, Web of Science.
Dr. A.Darlin Mary	2	IJERA, IJERT	Scopus
Mr. Y.Samson	1	Science Direct	Scopus
Mr.M.Maria Lenin	2	Materials Today	Scopus
Dr.J.Johnson	1	Chemical science Transaction	Scopus
Mr.A.Rejo Jeice	6	Materials Today, Indian Journal of Physics, Chinese Physics B, Journal of Nano Structure, e-Journal of nano science and Nano Technology	Scopus, Web of Science

Dr. M.Amalanathan	30	Spectro Chimica Acta (SAA), Journal of Molecular structure (JMS), Journal of Physical Chemistry (JPC), Journal of Raman spectroscopy (JRS), Chemical Physics (CP), Optics and Spectroscopy (OS) and Asian Journal of Spectroscopy (AJS)	Scopus, Wiely-Interscience, American Chemical Society and Springer
Mr. M.Mohanadhas	4	International Journal of Computer Science and Information Technology, International Journal of Engineering Research and Applications	IJCSIT, IJERA
Mrs. P.M.Jogi Priya	2	Life Science Journal	Life Science Site
Mrs.A.L.Hemalatha	2	Journal of basic and applied biology	Bioresearch
Dr.J.M. Sasi Premila	2	Journal of Computational Methods in Molecular Design, International Journal of pharmacy and pharmaceutical sciences	Scholars Research Library, IJPPS journal.
Mrs.G.Prabha	1	Journal of basic and applied biology	Bioresearch
Dr. J. Stephen Davis (till 2014-15)	1	The Journal of Agriculture	Kisan World
Dr.Brindha	3	International Journal of Chemical and analytical Science, International Journal of Engineering Research and Applications, Journal of Applied Chemistry	IJERA Publication, Scopus, Hindawi Publishing Corporation
Dr.S. Mary Helen	3	Drug Invension Today, International Journal for Scientific Research & Development	Scopus, IJSRD Publication

Dr.M.Jayarajan	2	Asian Journal Applied Sciences, Research Journal of Environmental Sciences	Knowledgia Review, Academic Journals Inc.
Mr.J.Eugin Shaji	4	Journal Environmental Nano Technology, International Research Journal of Environmental Science, Asian Journal of Applied Research, International Journal of Current science Research	Institute for Environmental Nanotechnology, International Science Community Association, Yadava Publication, Dr.BGR Publications
Mrs.M.Antila Princela	2	Asian Journal of Research Chemicals, Asian Journal of Chemicals and Pharmaceutical Research	V Publications, Pharma Research Publication
Mrs.Jaya Prabha		International Journal of Engineering Research and Applications, International Journal for Scientific Research and Development	IJERA Publication, IJSRD Publication
Mrs.S.S.Sajitha	1	International Journal of Engineering Research and Applications	IJERA Publication

➤ **Monographs** : Nil

➤ **Chapter in Books** : Nil

➤ **Books Edited**

1. Dr T. Suresh is one of the editors of CYBA series –II. Name of the book “Emerging Trends in Drug Discovery from Natural products”.
2. Dr. M. Amalanathan, Assistant Professor of Physics published the book ‘Practical Physics’ by Root & Wings Publications, Trivandrum.
3. Dr. P.S. Rajesh, Sub Editor, Marthandam Malai - Monthly Magazine
4. Dr. P.S. Rajesh, Editor, Yen Nanban, Weekly Magazine

5. Dr. P.S. Rajesh, Editor, Annai Mozhi, Monthly Magazine
6. Dr. Janet Y Selvia Associate Professor, Department of Commerce authored a book titled 'Career Planning' in April 2008.

➤ **Books with ISBN/ ISSN numbers with details of publishers**

Table 3.11 List of Books Published with ISBN numbers by Faculty and students

Name of the faculty/ student	Name of the Book	ISBN Number	Details of publishers
Dr. B. Stephen John	Vector Calculus & Theory of Equations	978-81-907144-6-4	Divya Jothi
Dr. B. Stephen John	Analytical Geometry of 3D & Vector Differentiation	978-81-907145-6-4	Divya Jothi
Dr. B. Stephen John	Analytical Solid Geometry	978-81-907144-5-7	IDEAL
G. M. Adlin Joe (B. A. English)	Zifhono Fno and the Release of the Fairies- A Fantasy upon Noland	978-1-4969-7683-3	March 2014

Table 3.12. Journals with ISBN numbers with details of publishers

Sl.No.	Name	ISBN Number	Details of Publications
1.	Mrs. C. Ajitha	978-81-92618371	Holy Cross College (Autonomous), Nagercoil
2.	Mrs. C. Ajitha	978-81-929216-1-7	தென்றல் பதிப்பகம்
3.	Mrs. C. Ajitha	978-97-80340-01-6	Octo Printers, Tholayavattam
4.	Dr. C.Little Flower	13-978-81-909074-4- 6	கல்லூரி ஆசிரியர் குமரி தமிழ்ச்சங்கம், நாகர்கோவில்.
5.	Dr. C.Little Flower	978-81-907349-1-2	தமிழ்கலை இலக்கிய பெருமன்றம், குமரி மாவட்டம்.
6.	Dr. C.Little Flower	978-81-910216-6-0	குறிஞ்சி பதிப்பகம்
7.	Dr. C.Little Flower	978-81-926183-7-1	Holy Cross College (Autonomous), Nagercoil
8.	Dr. C.Little Flower	978-93-81006-83-2	செம்மூதாய் பதிப்பகம், சென்னை.
9.	Dr. C.Little Flower	978-81-929216-1-7	தென்றல் பதிப்பகம்
10.	Dr. C.Little Flower	978-97-80340-01-6	Octo Printers, Tholayavattam

11.	Mrs.R. Subaja	13-978-81-909074-6-0	கல்லூரி ஆசிரியர் குமரி தமிழ்ச்சங்கம், நாகர்கோவில்.
12.	Mrs.R. Subaja	978-81-910216-6-0	குறிஞ்சி பதிப்பகம்
13.	Mrs.R. Subaja	978-93-81006-83-2	செம்மூதாய் பதிப்பகம், சென்னை.
14.	Mrs.R. Subaja	978-81-926183-7-1	Holy Cross College (Autonomous), Nagercoil
15.	Mrs.R. Subaja	978-81-929216-1-7	தென்றல் பதிப்பகம்
16.	Mrs. R. Subaja	978-93-81-658-10-9	Proceedings of the Kanyakumari Academy of Arts and Sciences
17.	Mrs. R. Subaja	978-97-80340-01-6	Octo Printers, Tholayavattam
18.	Dr. S. Stalin Sathiya	978-81-929216-1-7	தென்றல் பதிப்பகம்
19.	Dr. S. Stalin Sathiya	978-81-926183-7-1	Holy Cross College (Autonomous), Nagercoil
20.	Dr. S. Stalin Sathiya	978-81-93-0440-1-8	பெயல் பதிப்பகம் உருமு தனலட்சுமி கல்லூரி, திருச்சிராப்பள்ளி.
21.	Dr. S. Stalin Sathiya	978-93-80243-82-5	Raja Publications, Tiruchirapalli.
22.	Dr. S. Stalin Sathiya	978-97-80340-01-6	Octo Printers, Tholayavattam
23.	Dr. A. Christal Sheeba	978-81-907480-9-5	Proceedings of the International Seminar SBASH-2014
24.	Dr. A. Christal Sheeba	978-81-929216-1-7	தென்றல் பதிப்பகம்
25.	Dr. A. Christal Sheeba	978-97-80340-01-6	Octo Printers, Tholayavattam
26.	Mrs. Y. Lalitha	978-93-81992-03-6	அன்னை வேளாங்கண்ணி மகளிர் கல்லூரி, சென்னை.
27.	Mrs. Y. Lalitha	13-978-81-909074-5-3	கல்லூரி ஆசிரியர் குமரி தமிழ்ச்சங்கம், நாகர்கோவில்.
28.	Mrs. Y. Lalitha	13-978-81-909074-6-0	கல்லூரி ஆசிரியர் குமரி தமிழ்ச்சங்கம், நாகர்கோவில்.
29.	Mrs. Y. Lalitha	978-81-926183-7-1	Holy Cross College (Autonomous), Nagercoil
30.	Mrs. Y. Lalitha	978-81-929216-1-7	தென்றல் பதிப்பகம்
31.	Mrs. Y. Lalitha	97978-93-81104-53-8	Holy Cross College (Autonomous), Nagercoil

32.	Mrs. Y. Lalitha	978-97-80340-01-6	Octo Printers, Tholayavattam
33.	Dr. P. S. Rajesh	978-81-929216-1-7	தென்றல் பதிப்பகம்
34.	Dr. P. S. Rajesh	978-97-80340-01-6	Octo Printers, Tholayavattam
35.	Mrs. T. Mabel Rani	978-81-926183-7-1	Holy Cross College (Autonomous), Nagercoil
36.	Mrs. T. Mabel Rani	978-81-929216-1-7	தென்றல் பதிப்பகம்
37.	Mrs. T. Mabel Rani	13-978-81-909074-3-9	கல்லூரி ஆசிரியர் குமரி தமிழ்ச்சங்கம், நாகர்கோவில்.
38.	Dr. R. Adlin Jeba	978-97-80340-01-6	Octo Printers, Tholayavattam
39.	Dr. K. Aji	13-978-81-909074-5-3	கல்லூரி ஆசிரியர் குமரி தமிழ்ச்சங்கம், நாகர்கோவில்.
40.	Dr. K. Aji	978-97-80340-01-6	Octo Printers, Tholayavattam
41.	Miss. S. Thanga Preetha Malar	978-93-81-658-10-9	Kanyakumari Academy of Arts and Sciences
42.	Miss. S. Thanga Preetha Malar	978-93-81992-03-6	அன்னை வேளாங்கண்ணி மகளிர் கல்லூரி, சென்னை.
43.	Miss. S. Thanga Preetha Malar	13-978-81-909074-5-3	கல்லூரி ஆசிரியர் குமரி தமிழ்ச்சங்கம், நாகர்கோவில்.
44.	Miss. S. Thanga Preetha Malar	978-93-81992-76-0	அன்னை வேளாங்கண்ணி மகளிர் கல்லூரி, சென்னை
45.	Miss. S. Thanga Preetha Malar	13-978-81-909074-6-0	கல்லூரி ஆசிரியர் குமரி தமிழ்ச்சங்கம், நாகர்கோவில்.
46.	Miss. S. Thanga Preetha Malar	13-978-81-909074-7-7	கல்லூரி ஆசிரியர் குமரி தமிழ்ச்சங்கம், நாகர்கோவில்.
47.	Miss. S. Thanga Preetha Malar	978-97-80340-01-6	Octo Printers, Tholayavattam
48.	Mrs. E. Rejila Mary	13-978-81-909074-5-3	கல்லூரி ஆசிரியர் குமரி தமிழ்ச்சங்கம், நாகர்கோவில்.
49.	Mrs. E. Rejila Mary	978-93-81-992-60-9	அக்னி சிறகுகள், செய்யாறு
50.	Mrs. E. Rejila Mary	978-97-80340-01-6	Octo Printers, Tholayavattam
51.	Mrs. D. Joen Joselin	81-908397-2-3	National Conference on Zealous Language Teaching organized by SRM University, Chennai

52.	Mrs. D. Joen Joselin	978-81-898434-9-6	Vels University, Chennai
53.	Mrs.J. Jesu Latha	978-81-928385-0-2	V.O. Chithambaram College Publication
54.	Mr. C. I. Rajesh	978-81-929216-1-7	தென்றல் பதிப்பகம்
55.	Mr. C. I. Rajesh	978-9-381723-48-7	VHNSN College, Viruthunagar
56.	Mr. G.Dominic Babu	978-81-910747-6-5	Proceedings of the International Conference on Advanced Technologies in Computing, Women's Christian College, Nagercoil
57.	Dr. M. Amalanathan	978-0-7354-0606-3/08	American Institute of Physics
58.	Dr.M.Jospin Rani	978-93-81-208-11-3	G. K. Publisher (DAKSHIN), Chennai Hindustan College of Arts & Science, Chennai
59.	Mr. J.Algin Jose	978-93-85477-69-0	Proceedings of the National Conference on Role of Commerce in Inclusive Growth and Sustainable Development of India
60.	Mr. J.Algin Jose	978-93-84734-04-6	B-DIGEST Publications, Nagercoil
61.	Mr.B.Sujin	978-93-82570-67-7	Hikey Media
62.	Mr.B.Sujin	978-93-81992-46-3	Scitech Publications (India) Pvt. Ltd
63.	Mr.B.Sujin	978-81-8371-696-3	Scitech Publications (India) Pvt. Ltd.
64.	Mr.B.Sujin	978-81-925275-1-2	B Club, Chennai
65.	Mr.B.Sujin	978-81-8094-136-8	MJP Publishers
66.	Mr.B.Sujin	978-81-925275-0-5	B Club, Chennai
67.	Dr.Janet Y Selvia	978-81-908498-0-7	Shils Publishers
68.	Dr.Janet Y Selvia	978-81-90-8498-1-4	Shils Publishers
69.	Dr.J.Stephen Davis	978-81-908792-5-5	Evans Printers and Publishers.
70.	Dr T. Suresh	978-93-80819-05-1	Hari Crish Publication
71.	Dr. S. Jeya	978-81-981482-0-5	Proceeding of the International Conference on 'Insect Pest Management – A Current Scenario', St. Xavier's College (Autonomous), Palayamkottai

Table 3.13 Journals with ISSN numbers with details of publishers

Sl.No.	Name	ISSN Number	Details of Publications
1.	Mrs. R. Subaja	2249-4956	எட்டுத்தொகையும் சுற்றுச்சூழலும் (ettu thogaium sutru soozhalum)
2.	Mrs.F.Meena Theresa	0970-2810	Role of species in Jhumpa Lahiri's writing, Poet Crit, 2014, volume 1, pp 71.
3.	Mrs.F.Meena Theresa	0970-2810	Repudiating culture in Jhumpa Lahiri's writing Poet Crit, 2014, volume 2, pp 71.
4.	Mr. C. I. Rajesh	2349-8684	'Listening Paves the Path: Acquiring a Language in the Concept of a Mind and notp ressure', International Journal of Multidisciplinary, Volume: Special Issue: 3, Feb. 2013'.
5.	Dr. B. Stephen John	2230-9888	'Vertex Cover Polynomial of $K_n \times K_2$ ', International Journal of Mathematics and Computer Research, Volume2 (2014), 670-673.
6.	Dr. B. Stephen John	2229-5046	'Vertex Cover Polynomial Of Generalized Wheel', International Journal of Mathematical Archive-5(B),2014, 146-150.
7.	Dr. B. Stephen John	2320-7167	Vertex Cover Polynomial of Tensor Product of $C_n \times P_2$ ', International Journal of Mathematics and Computer Research, Volume3(7)(2015), 1081-1096
8.	Dr. B. Stephen John	2229-5046	'Magic Hypercube and its Cover Ploynomial', International Journal of Mathematical Archieve-6(10), 2015, 1-13.
9.	Mr.M.Anto	2249-6645	$\hat{g}^*$ s – closed sets its topological space, International Journal of Modern Engineering Research Vol 4 (2014) 32-38
10.	Mr.M.Anto	0975-833x	$\hat{g}^*$ s – continuous maps in topological spaces, International Journal of Current Research Vol 7 (2015) 23251-23256
11.	Mr.M.Anto	2230-9926	$\hat{g}^{**}$ s –closed sets in topological spaces, International Journal of Development Research, Vol. 5, Issue, 12, pp. 6195-6203, December, 2015
12.	Mr.G.Dominic Babu	1311-8080	Asymptotic Properties of Solutions of Higher Order Nonlinear Generalized Difference Equation, International Journal of pure and applied Mathematics, 25(1) (2012), 125-138
13.	Mr.G.Dominic Babu	0974-3200	Oscillation, Non-oscillation and Growth of Solution of Generalized Second Order Non-linear Difference Equations, Global Journal of Mathematical Sciences; Theory and Practical. Vol 4 number 3(2012), pp.211-225

14.	Mr.G.Dominic Babu	1311-8080	Oscillation and Non-oscillation for Certain Class of First and Second Order Generalized α -Difference Equations, International Journal of Pure and Applied Mathematics, 78(3) (2012), 451-468
15.	Mr.G.Dominic Babu	2090-4770	Oscillation, Non-oscillation and Growth of Solution of Generalized Non-linear Difference Equation of Second Order, Journal of Modern Methods in Numerical Mathematics,3(2)(2012), 22-44
16.	Mr.G.Dominic Babu	0973-6301	Asymptotic Behaviour of Solutions of Generalized Non-Linear Difference Equation of Second Order, Communications in Differential and Difference Equations, 3(1) (2012), 13-21
17.	Mr.G.Dominic Babu	2229-5518	Generalized Partial sums on Infinite series of Rational Factorial Functions, International Journals of Scientific and Engineering Research, 3(11) (2012), 117-124
18.	Mr. G.Dominic Babu	2277 – 6613	$I_{2(1)}$ and c_0 solution of second order generalized difference equation, Proceedings of the National Conference on Application of Mathematics in Science and Engineering, Sacred Heart College, Tirupattur, (2010), 81-88.
19.	Mr. G.Dominic Babu	2278-5728	Infinite Series Obtained By Backward Alpha Difference Operator With Real Variable, IOSR Journal of Mathematics (Volume 11, Issue 5 Ver. I (2015)
20.	Mr. G.Dominic Babu	2231-5373	Backward Alpha Difference Operator with Real Variable and its Finite Series , International Journal of Mathematics Trends and Technology - Vol. 25 – 2015
21.	Mrs. M. P. Annie Subitha	2229-5046	‘Magic Hypercube and its Cover Ploynomial’, International Journal of Mathematical Archieve-6(10), 2015,1-13.
22.	Dr.J.Johnson	2278-3318	Spectral Studies on Trimetallic (Cd _x Hg _{1-x} Zn _{1-y}) Thiocyanate Crystals, Journal of Chemical Science Transaction, 2014, 3(2) , pp 731-735
23.	Dr.J.Johnson	2454-5422	“Growth and Characterization of Cobalt doped trimetalic Thocynate” International Journal of Currwent Science Research”

24.	Mr.Y.Samson	2327-4085	The influence of benzophenone substitution on the physic-chemical characterization of 8-Hydroxy Quirolione NLO single crystals, Journals of minerals and materials characterization and engineering 2012,11,769-773
25.	Mr.M.Maria Lenin	1369-7021	Non linear phonon polariton excitations in quantum dot super lattices “Materials Today Proceedings” 2015 (2) 959-964
26.	Mr.M.Maria Lenin	0974-4290	Polariton of a Quantum Wire Superlattice system” International conference on Nanoscience and Nano technology AIP Conference Prodeedings 1665 (2014) 090037(1-3)
27.	Mr. A.Rejo Jeice	1678-4448	“Correlation energy in a triplet state of a two-electron spherical quantum dot”, Brazilian journal of Physics 39 3(2009)526-530.
28.	Mr. A.Rejo Jeice	1793-6578	“Effects of hydrostatic pressure and polaronic effects on the correlation energies in a spherical quantum dot”, International Journal of Modern Physics B, 24 (2010) 5561-5569.
29.	Mr. A.Rejo Jeice	2251-788X	“Effect of temperature and pressure on correlation energy in a triplet state of a two electron spherical quantum dot”, Journal of Nanostructures 3 (2013) 347-357.
30.	Mr. A.Rejo Jeice	2320-432X	“Effects of hydrostatic pressure and Aluminum concentration on confined energies in a Parabolic Quantum Dot”, Coromandal Journal of Science 2,(2013) 16-21.
31.	Mr. A.Rejo Jeice	0974-9845	“Confined energy of two electrons in a Spherical Quantum Dot with Interaction effects”, Indian Journal of Physics, 88 10 (2014) 1031-1036.
32.	Mr. A.Rejo Jeice	1348-0391	“Effect of Temperature and Hydrostatic Pressure on Binding Energy of an Exciton in a Spherical quantum dot” e-Journal of Surface Science and Nanotechnology 12 (2014) 358-362.
33.	Mr. A.Rejo Jeice	2320-0928	“Effect of temperature and Conduction band non-parabolicity on electronic states in a spherical quantum dot”, Indian Journal of Advances in Chemical Science. 3(2) (2015) 185-191

34.	Mr. A.Rejo Jeice	0974-4290	“Tunable Polariton BandGap in Quantum Wire Superlattice System”, International Journal of ChemTech Research CODEN (USA): IJCRGG Vol.7, No.3, pp 1526-1528, 2014-201
35.	Dr.M.Amalanathan	1089-5639	Charge Transfer Interaction and Terahertz Studies of a Nonlinear Optical Material L-Glutamine Picrate: A DFT Study “Journal of Physical Chemistry A 114 (2010) 13055–13064”
36.	Dr.M.Amalanathan	0022-2860	Molecular structure, vibrational spectra and nonlinear optical properties of L-Valine Hydrobromide: DFT study “Journal of Molecular Structure 985 (2011) 48-56”
37.	Dr.M.Amalanathan	0022-2860	Vibrational and Terahertz spectral Investigation and nonlinear optical properties of L-Phenylalanine phenylalanium nitrate –A DFT study “Journal of Molecular Structure 1006 (2011) 513-526”
38.	Dr.M.Amalanathan	0022-2860	Infrared and Raman spectra, vibrational assignment, NBO analysis and DFT calculations of 6-amino 114odellin “Journal of Molecular Structure 980 (2010) 24-30”.
39.	Dr.M.Amalanathan	1386-1425	Density functional theory calculations and Vibrational spectral analysis of 3,5-(Dinitro benzoic acid) “Spectrochimica Acta A 78 (2011) 437-1444”.
40.	Dr.M.Amalanathan	1386-1425	Intramolecular charge delocalization and nonlinear optical properties of push- pull chromophore 1-(4-N, N-dimethylaminopyridinium) acetic acid bromide monohydrate from vibrational spectra “Spectrochimica Acta A 78 (2011) 264-272”.
41.	Dr.M.Amalanathan	1386-1425	NBO analysis and vibrational spectra of 2,6-bis(p-methyl benzylidene cyclohexanone) using density functional theory L. Padmaja, M. Amalanathan, C. Ravikumar and I. Hubert Joe “Spectrochimica Acta Part A: 74(2009)349”.
42.	Dr.M.Amalanathan	1386-1425	Vibrational spectra and first order hyperpolarizability studies of Dimethyl amino pyridinium 4-nitrophenolate 4-nitrophenol “Spectrochimica Acta Part A 81 (2011) 151-161
43.	Dr.M.Amalanathan	1386-1425	Vibrational spectral analysis of nonlinear optical crystal L-Prolinium picrate: A density functional theory study “Spectrochimica Acta 96 (2012) 10-17”

44.	Dr.M.Amalanathan	1386-1425	Analysis of Vibrational Spectra and Nonlinear Optical Properties of Organic Molecule L-Alaninium Formate “Spectrochimica Acta Part A 86 (2011) 174-180”.
45.	Dr.M.Amalanathan	1386-1425	Vibrational Spectral Investigation and Natural Bond Orbital analysis of anti-Rheumatoid drug Ethyl 4-nitrophenylacetate-DFT approach “Spectrochimica Acta (2012)98(2012)413-422”.
46.	Dr.M.Amalanathan	1386-1425	Molecular structure, Normal Coordinate Analysis, Harmonic Vibrational frequencies, Natural Bond Orbital, TD-DFT calculations and biological activity analysis of antioxidant drug 7-hydroxycoumarin “Spectrochimica Acta 101 (2013) 370-381”.
47.	Dr.M.Amalanathan	1386-1425	Vibrational spectral investigation and molecular polarizability studies of NLO crystal Naphthalene Picrate for THZ application “Spectrochimica Acta 108 (2013) 256-267”.
48.	Dr.M.Amalanathan	1386-1425	Vibrational Spectra, Molecular Structure, Natural Bond Orbital, First Order Hyperpolarizability, TD-DFT and Thermodynamic analysis of 4-amino-3-hydroxy-1-naphthalenesulfonic acid by DFT approach “Spectrochimica Acta 107(2013) 167-178”.
49.	Dr.M.Amalanathan	1386-1425	Vibrational Spectral Investigation and natural bond orbital analysis of Pharmaceutical compound 7-Amino-2,4-dimethylquinolinium formate- DFT approach “Spectrochimica Acta 115 (2013) 595-602”.
50.	Dr.M.Amalanathan	1386-1425	Normal coordinate analysis and Nonlinear Optical Response of cross-conjugated system 4,4-Dimethyl Benzophenone “Spectrochimica Acta 116 (2013) 574-83”
51.	Dr.M.Amalanathan	1386-1425	Studies on molecular structure, vibrational spectra and molecular Docking analysis of 3-Methyl-1,4-dioxo-1,4-di- hydronaphthalen-2-yl 4-aminobenzoate“Spectrochimica Acta130,2014 ,591-603”.
52.	Dr.M.Amalanathan	1386-1425	Vibrational Spectra (FT-IR and FT-Raman), Molecular Structure, Natural Bond Orbital, and TD-DFT analysis of L-Asparagine Monohydrate by Density Functional Theory approach, Spectrochimica Acta 133 (2014) 190-200

53.	Dr.M.Amalanathan	1386-1425	Study on conformational stability, molecular structure, vibrational spectra, NBO, TD-DFT, HOMO and LUMO analysis of 3,5-dinitrosalicylic acid by DFT techniques "Spectrochimica Acta 136 (2015) 1107-1118"
54.	Dr.M.Amalanathan	1097-4555	Theoretical and vibrational spectral investigation of sodium salt of Acenocoumarol "Journal of Raman Spectroscopy 40 (2009) 1033-1038.
55.	Dr.M.Amalanathan	1097-4555	Density functional theory calculation and vibrational spectral analysis of 4-hydroxy-3-(3-oxo-1-phenylbutyl)-2H-1-benzopyran-2-one Journal of Raman Spectroscopy 41(2010) 1076-1084".
56.	Dr.M.Amalanathan	0301-0104	Molecular first order hyperpolarizability and vibrational spectral investigation of Warfarin Sodium "Chemical Physics 78 (2010) 88-102".
57.	Dr.M.Amalanathan	0971-9237	Molecular Structure, Vibrational spectra and theoretical studies of Bis Glycyl glycinium Oxalate Asian journal of spectroscopy 2010 87-105.
58.	Dr.M.Amalanathan	0971-9237	Molecular structure and spectroscopic properties of L-Histidinium dihydrogen monophosphate monohydrate: FT-Raman, FT-IR ,SERS and DFT computations "Asian journal of spectroscopy (2012) 207-224".
59.	Dr.M.Amalanathan	1562-6911	FT-IR, FT-Raman, FT-NMR spectra and DFT simulations of 4-(4-Fluoro-phenyl)-1H-imidazole "Optics and Spectroscopy, 2013, Vol. 114, No. 4, pp. 525-536".
60.	Dr.M.Amalanathan	1562-6911	Molecular structure, vibrational spectral investigation and the confirmation analysis of 4-Methylesculetin molecule "Optics and Spectroscopy, 2013, Vol. 116, No. 3, pp.348-359
61.	Dr.M.Amalanathan	1386-1425	Vibrational Spectra (FT-IR and FT-Raman), Molecular Structure, Natural Bond Orbital, and TD-DFT analysis of L-Asparagine Monohydrate by Density Functional Theory approach Spectrochimica Acta 133 (2014) 190-200"
62.	Dr.M.Amalanathan	2153-2435	FT-IR and FT-Raman spectral investigation and DFT Computations of Pharmaceutical Important Molecule: Ethyl 2-(4-Benzoyl-2,5-Dimethylphenoxy) Acetate, Pharmaceutica Analytica Acta 7 2016 1-6

63.	Dr.M.Amalanathan	0022-2860	FT-IR Molecular structure and Charge transfer contributions to nonlinear optical property of 2-Methyl-4-Nitroaniline: A DFT Study “Journal of Molecular Structure 1112 (2016) 63-70”
64.	Mrs.A.Darlin Mary	2278-0181	Electrical Measurement on Zinc-Magnesium Tris(Thiourea) Sulphate (ZMTS) single crystals “International Journal of Engineering Research and Technology Vol.3 (2014) 615”.
65.	Mrs.A.Darlin Mary	2248-9622	Growth and Characterization of Zinc-Magnesium Tris(Thiourea) Sulphate (ZMTS) single crystals “Journal of Engineering Research and Applications, ol. 3, 2013”.
66.	Dr.S.R.Brintha	2248-9622	Growth and Characterization of pure and ferrous sulphate doped BisthioureaZine chloride, “International Journal of Engineering Research and Applications, Vol 5 (2015) pp. 57-62”
67.	Dr.S.R.Brintha	0976-1206	Isotherm Studies on Adsorption of Crystal Violet Dye Using Zinc Oxide Adsorbents, “International journal of chemical and analytical science, 2012, 3(10) 1573-1577.”
68.	Dr.S.R.Brintha	2278-5736	“Synthesis And Characterisation of ZnO Nanoparticles via Aqueous Solution, sol-gel and Hydrothermal Methods”, IOSR Journal of Applied Chemistry, Volume 8, Issue 11 Ver. 1 (Nov. 2015), PP 66-72
69.	Dr. S. Mary Helen	0975 - 7619	Equilibrium Studies on the Removal of Methyl Orange Dye from Aqueous Solution by Adsorption onto a Biopolymer, “Drug Invention Today, 2012, 4(11) 590-593”
70.	Dr. S. Mary Helen	2319-7064	“Characterization and Antimicrobial Study of Nickel Nanoparticles Synthesized from Dioscorea (Elephant Yam) by Green Route”, International Journal of Science and Research (IJSR).
71.	Dr. S. Mary Helen	2321-0613	Characterization and Antimicrobial Study of Cobalt Nanoparticles Synthesized from Manihot Esculent (Tapioca) by Green Route
72.	Dr. M. Jaya Rajan	1996-3343	Agricultural Waste of Jackfruit peel Nano-Porous Adsorbent for Removal of Rhodamine Dye, “Asian Journal of Applied Sciences 4(3) (2011) 263 – 270.”

73.	Dr. M. Jaya Rajan	1819-3412	Use of Low Cost Nano-Porous Materials of Pomelo Fruit Peel Wastes in Removal of Textile Dye, "Research journal of Environmental Sciences 5(5) (2011) 434 – 443."
74.	Mr. J. Eugin Shaji	2454-5422	"Analysis of Radionuclide Level in Soil and Rock Powder Samples and Assessment of Radiological Risks", International Journal of Current Science Research, Volume 2; Issue: 1; January 2016, pp. 261-274
75.	Mr. J. Eugin Shaji	2395-1702	Assessment Of Heavy Metal Concentration In River Sediments Of Kanyakumari District, "Asian Journal of Applied Research, Volume 01 (2015) 08-13."
76.	Mr. J. Eugin Shaji	2319-5541	Measurement of ^{210}Po and ^{210}Pb activity concentration in Rock samples of western ghats, Tamil Nadu, India Vol.3 (2014) 16-19
77.	Mr. J. Eugin Shaji	2319-1414	Studies on Radionuclides ^{226}Ra , ^{238}U , ^{228}Th and ^{40}K in river sediment samples of Kanyakumari District, Tamil Nadu, India Vol.4(3) (2015) 17-20
78.	Mr. J. Eugin Shaji	2319-6750	Radioactivity measurement in river sediments and aquatic organisms of Kanyakumari District Vol.12 (2013) 17-20
79.	Mrs. M. Antilin Princela	2319-1414	Synthesis and Characterisation of Bioactive Transition Metal Complexes of Zr(IV) and Th(IV) using di- α -formylmethoxy bis (3-pentadecenylphenyl) methane(DFMPM) "Asian Journal of Pharmaceutical Research 3, 17-20, 2015."
80.	Mrs. M. Antilin princela	2347-8322	Synthesis and Characterisation of Bioactive Transition Metal Complexes of Copper, Cobalt and Nickel using di- α -formylmethoxy bis (3-pentadecenylphenyl) methane(DFMPM) derived from Cardanol, "Asian Journal of Research in Chemistry 3(1) (2015), 208 -214"
81.	Mrs. M. Jaya Brabha	2248-9622	Growth and Characterization of pure and ferrous sulphate doped BisthioureaZine chloride, "International Journal of Engineering Research and Applications, Vol 5, Issue 10, (Part-3) (2015) 57-62"
82.	Mrs. M. Jaya Brabha	2321-0613	Growth and Characterization of pure and anthranilic acid doped BisthioureaZine chloride, International Journal for Scientific Research and Development

83.	Mrs. M. Jaya Brabha	2321-0613	Growth and Characterization of Nickel Sulphate Doped Bis Thiourea Zinc Chloride, International Journal for Scientific Research and Development, vol 3, Issue 08
84.	Mrs. M. Jaya Brabha	2278-0181	Analysis of Macronutrients (Calcium and magnesium) and Trace Elements (Iron & Zinc) in Common Edible Indian Foods, "International Journal of Engineering Research and Technology, Volume. 5-Issue. 02, 2016"
85.	Mrs. S. S. Sajitha	2278-0181	Analysis of Macronutrients (Calcium and magnesium) and Trace Elements (Iron & Zinc) in Common Edible Indian Foods, "International Journal of Engineering Research and Technology, Volume. 5-Issue. 02, 2016"
86.	Mr. M. Mohanadhas	0976-8491	A Comparative study of salt and pepper noise reduction, "International journal of Computer Science and Technology, 2012, Vol 3, Issue 2."
87.	Mr. M. Mohanadhas	0975-8887	A novel approach for salt and pepper noise removal using ROR and Contourlet Transform, International journal of Computer Science and Technology, May 2013, Vol 71- No 8
88.	Mr. M. Mohanadhas	2248-9622	Multi model Biometric authentication Parameters on Human body, "International Journal of Engineering Research and Applications, 2012, Vol. 2, Issue 3."
89.	Mrs. P. M. Jogi Priya	1097-8135	Analysing the modelling and performance of Greedy Perimeter stateless routing protocol in highly dynamic mobile AdHoc network, "Life Science Journal 2013; 10 (2)"
90.	Mrs. P. M. Jogi Priya	1574-017X	Ensuring Reliable Communication in Disaster Recovery Operations with Reliable Routing Technique, Hindawi Publishing Corporation Mobile Information Systems Volume 2016, Article ID 9141329, 10 pages
91.	Dr. G. Jerin Rose	2249-3417	Education and Economic Development, LPC Bulletin on Research, Vol. 4, No. 1-July 2013
92.	Dr. G. Sujin	2319-1406	Occupational Stress among Banking Service Professionals, International Journal of Functional Management, Issue-2, Vol. 1, April-June 2013.
93.	Dr. G. Sujin	2394-4692	FDI in India – A Perception Analysis. MASS Bulletin – An International Journal of Management and Social Sciences. Vol. 1, pp.8-12.

94.	Dr T. Suresh	0972-9720	In vitro antibacterial potential of choosen entophytic fungai isolated from tomato plant roots, "Journal of Theoretical and Experimental Biology (2014) 26-31"
95.	Mrs.A.L.Hemalatha	0973-8207	Screening and optimization of laccase enzyme in selected microbes "Journal of basic and applied biologyVol.8 (2014) 26-35"
96.	Mrs.A.L.Hemalatha	0973-8207	Isolation and characterization of bio active protein producing Pseudomonas species and Vibrio species from marine sponge Suberites ficus and its toxicological studies "Journal of basic and applied biology Vol.7 (2013) 75-82"
97.	Dr.J.M.Sasi Premila	2250-20141	Optimization of alpha amylase production by newly isolated Bacillus steartothermphilus KDP from sago industry waste "International journal of Bio Research Vol.16 (2013) 17-21"
98.	Dr.J.M.Sasi Premila	0975-1491	Antioxidant and anti candidal activity studies on phyllanthin compound from Phyllanthus niruri "International journal of pharmacy and pharmaceutical sciences Vol.6 (2014) 323-326"
99.	Dr.J.M.Sasi Premila	2231-3176	Accurate prediction of breast cancer gene BRCA1 domain ligands with potential drugs via homology modelling, Journal of computational methods and molecular designVol.1 (3) (2011) 1-10
100.	Dr.J.M.Sasi Premila	0972-9720	Optimization of α -amylase Production by Bacillus subtilis Kdp Isolated from Sago Industry Waste, Journal of Theoretical and Experimental Biology, 9 (3 and 4): 97-103, 2013
101.	Mrs.G.Prabha	0973-8207	Genetic diversity analysis in five cassia species using RAPD markers "Journal basic and applied biology vol. 1,2 (2010) 160-167"
102.	Dr.S.Jeya	0973-8207	Studies on the repellence of 3 Plant extract to Tribolium Castaneum HERBST "Basic and Applied Biology Vol.5 (2011) 315-19"
103.	Mrs.X.Mary Jecintha	2349-6886	Vermicomposting of Paddy straw and its performance evaluation, TELER (Teacher, Learner and Researcher), Vol. II, Issue 1, Dec 2011,pp73-76.

Table 3.14 Proceedings with ISBN Numbers by Department

Sl. No.	Name of the Department	Name of the Book	ISBN Number	Details of publishers
1.	Tamil	இருபதாம் நூற்றாண்டு தமிழ் இலக்கிய படைப்புகளின் போக்குகள்	978-97-80340-01-6	Octo Printers, Tholayavattam
2.	Tamil	சமயமும் தமிழும்	978-81-929216-1-7	தென்றல் பதிப்பகம்

➤ **Citation Index**

Table 3.15 List Citation of Published papers

Sl.No.	Cited Paper	Number of Citation
Citation Index of Dr. M.Amalanathan-231		
1.	Theoretical and vibrational spectral investigation of sodium salt of Acenocoumarol I. Hubert Joe, Irena Kostova, C. Ravikumar Journal of Raman Spectroscopy 40 (2009) 1033-1038.	36
2.	Density functional theory calculations and vibrational spectral analysis of 3, 5-(dinitrobenzoic acid) M Amalanathan, VK Rastogi, IH Joe, MA Palafox, R Tomar Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy 78 (2011) 437-1444.	29
3.	Molecular structure, vibrational spectra and nonlinear optical properties of L-valine hydrobromide: DFT study M Amalanathan, IH Joe, VK Rastogi Journal of Molecular Structure 985 (1) (2011) 48-56	19
4.	Infrared and Raman spectra, vibrational assignment, NBO analysis and DFT calculations of 6-aminoflavone M.Amalanathan, I.Hubert Joe, Y. Erdogdu, O. Unsalan Journal of Molecular Structure 980 (2010) 24-30	24
5.	Charge Transfer Interaction and Terahertz Studies of a Nonlinear Optical Material L-Glutamine Picrate: A DFT Study M Amalanathan, I.Hubert Joe, SS Prabhu The Journal of Physical Chemistry A 114 (50), 13055-13064	18
6.	Vibrational spectra and natural bond orbital analysis of organic crystal L-prolinium picrate B Edwin, M Amalanathan, I. Hubert Joe Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy 96 (2012) 10-17	12

7.	Analysis of vibrational spectra and nonlinear optical properties of organic molecule L-alaninium formate C Jesintha John, TS Xavier, M Amalanathan, IH Joe, VK Rastogi Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy 86 (2012) 174-180	9
8.	Molecular structure, Normal Coordinate Analysis, Harmonic Vibrational frequencies, Natural Bond Orbital, TD-DFT calculations and biological activity analysis of antioxidant drug 7-hydroxycoumarin M Amalanathan, S. Sebastian, S. Sylvestre, D. Jayarajan Spectrochimica Acta A 101 (2013) 370-381	9
9.	Vibrational spectra and first order hyperpolarizability studies of dimethyl amino pyridinium 4-nitrophenolate 4-nitrophenol C Jesintha John, M Amalanathan, AR Twinkle, P Srinivasan, IH Joe Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy 81 (2011) 151-161	9
10.	Vibrational spectral investigation and natural bond orbital analysis of pharmaceutical compound 7-Amino-2, 4-dimethylquinolinium formate–DFT approach DM Suresh, M Amalanathan, S Sebastian, D Sajan, IH Joe, VB Jothy Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy 115(2013) 595-602	10
11.	Density functional theory studies on molecular structure and vibrational spectra of NLO crystal l-phenylalanine phenylalaninium nitrate for THz application M Amalanathan, IH Joe, VK Rastogi Journal of Molecular Structure 1006 (1) (2011) 513-526	8
12.	Vibrational spectra, molecular structure, natural bond orbital, first order hyperpolarizability, TD-DFT and thermodynamic analysis of 4-amino-3-hydroxy-1-naphthalenesulfonic acid by DFT approach S Sebastian, S Sylvestre, N Sundaraganesan, M Amalanathan, Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy 107 (2013) 167-178	7
13.	Vibrational spectra (FT-IR and FT-Raman), molecular structure, natural bond orbital, and TD-DFT analysis of L-Asparagine Monohydrate by Density Functional Theory approach S Sylvestre, S Sebastian, S Edwin, M Amalanathan, S Ayyapan Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy 133 (2014)190-200	4
14.	Molecular first order hyperpolarizability and vibrational spectral investigation of Warfarin sodium I Kostova, M Amalanathan, IH Joe Chemical Physics 378 (1) (2011)	4

15.	Molecular structure and vibrational spectral investigation of charge transfer NLO crystal Naphthalene Picrate for THz application M Amalanathan, I Hubert Joe, VK Rastogi Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy 108(2013) 256-267	3
16.	Normal coordinate analysis and Nonlinear Optical Response of cross-conjugated system 4,4-Dimethyl Benzophenone I Hubert Joe V K Rstogi M. Amalanathan, T.S. Xavier Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy 116 (2013) 574-83	3
17.	NBO analysis and vibrational spectra of 2, 6-bis (p-methyl benzylidene cyclohexanone) using density functional theory L Padmaja, M Amalanathan, C Ravikumar, IH Joe Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy 74 (208)	2
Citation Index of Mr. A. Rejo Jeice – 22		
1.	Correlation energy in a triplet state of a two-electron spherical quantum dot A Rejo Jeice, K Navaneethakrishnan Brazilian Journal of Physics 39 (3), 526-530	14
2.	Effects of hydrostatic pressure and polaronic effects on the correlation energies in a spherical quantum dot A Sivakami, A Rejo Jeice, K Navaneethakrishnan International Journal of Modern Physics B 24 (28), 5561-5569	7
3.	Effect of Temperature and Pressure on Correlation Energy in a Triplet State of a Two Electron Spherical Quantum Dot A Rejo Jeice, KS Joseph Wilson Journal of NanoStructures 3 (3), 347-357	1

➤ **SNIP**

Table 3.16 SNIP Values of the Journals

Sl.No.	Name of the Staff	Name of the Journal	SNIP
1.	Mr. G.Dominic Babu	International Journal of Pure and Applied Mathematics	0.605(2013) 0.635(2014)
2.	Mr. A.Rejo Jeice	International Journal of ChemTech Research	0.598
3.	Dr. M.Amalanathan	Journal of Molecular Structure	0.810
4.	Dr. M.Amalanathan	Spectrochimica Acta A Molecular and Biomolecular Spectroscopy	1.166

5.	Dr. M.Amalanathan	Optics and Spectroscopy	0.602
6.	Dr. M.Amalanathan	Journal of Raman Spectroscopy	1.105
7.	Dr. M.Amalanathan	Chemical Physics	0.731
8.	Mr.A.Rejo Jeice	Materials Today (Proceedings)	3.318
9.	Mr.M.Maria Lenin	Materials Today (Proceedings)	3.318
10.	Dr. S. Mary Helen	Drug Invention Today	0.287
11.	Mrs. M. Antilin princela	Asian Journal of chemical & Pharmaceutical Research	0.481 (2013)

➤ **SJR**

Table 3.17 SJR values of the Journals

Sl.No.	Name of the Staff	Name of the Journal	SJR
1.	Mr. G. Dominic Babu	International Journal of Pure and Applied Mathematics	0.322 (2013)
2.	Mr.M.Maria Lenin	Materials Today (Proceedings)	4.357
3.	Mr.A.Rejo Jeice	Materials Today (Proceedings)	4.357
4.	Mr.A.Rejo Jeice	e-Journal of Surface Science and Nanotechnology	0.27
5.	Mr.A.Rejo Jeice	Brazilian journal of Physics	0.39
6.	Mr.A.Rejo Jeice	International Journal of Modern Physics B	0.35
7.	Mr.A.Rejo Jeice	International Journal of ChemTech Research	0.21
8.	Dr. M.Amalanathan	Journal of Physical Chemistry A	1.04
9.	Dr. M.Amalanathan	Chemical Physics	0.611
10.	Dr. M.Amalanathan	Journal of Molecular Structure	0.405
11.	Dr. M.Amalanathan	Spectrochimica Acta A	0.595
12.	Dr. M.Amalanathan	The Journal of Chemical Physics	1.21
13.	Dr. M.Amalanathan	Journal of Raman Spectroscopy	1.05
14.	Dr. M.Amalanathan	Asian journal of spectroscopy	0.1
15.	Dr. M.Amalanathan	Optics and Spectroscopy	0.29
16.	Dr. S. Mary Helen	Drug Invention Today	0.167
17.	Dr. M. Jaya Rajan	Asian Journal of Applied Sciences	0.19
18.	Mrs. M. Antilin princela	Asian Journal of chemical & Pharmaceutical Research	0.32
19.	Mr. M.Mohanadhas	International journal of Computer Science and Technology	0.4
20.	Mr. P. M. Jogi Priya	Life Science Journal	0.16
21.	Dr. J. M. Sasi Premila	International journal of pharmacy and pharmaceutical sciences	0.3
22.	Mrs. X. Mary Jecinta	Journal of Molecular Structure	0.41

➤ **Impact factor**

Table 3.18 Impact Factor of the Journals

Name of the staff	Name of the Journal	Impact Factor				
		2011	2012	2013	2014	2015
Dr. B. Stephen John	International Journal of Mathematical Archive	-	4.091	4.908	-	-
Mr. M. Anto	International Journal of Current Research	-	-	-	5.349	6.226
Mr. M. Anto	International Journal of Development Research	-	-	2.869	3.686	4.25
Mr. G. Dominic Babu	International Journal of Pure and Applied Mathematics	-	-	-	-	3.72
Mr. G. Dominic Babu	Journal of Modern Methods in Numerical Mathematics	-	0.380	0.422	0.542	0.659
Mr. G. Dominic Babu	International Journal of Scientific and Engineering Research	-	-	-	-	3.8
Mr. G. Dominic Babu	IOSR Journal of Mathematics	-	-	-	-	1.759
Mr. G. Dominic Babu	International Journal of Mathematics Trends and Technology		0.462	0.564	0.675	1.469
Dr. J. J. Johnson	chemical science transactions journal	-	-	-	0.6062	-
Mr.Y.Samson	Journals of minerals and materials characterization and engineering	-	-	-	0.58	-
Mr.M.Maria Lenin	Materials Today Proceedings	-	-	10.850	-	-
Mr. A.Rejo Jeice	Journal of Current Research in Science	-	-	-	-	0.876
Mr. A.Rejo Jeice	Materials Today Proceedings	-	-	10.850	-	-
Mr. A.Rejo Jeice	Indian Journal of Advances in Chemical Science	-	0.251	0.284	0.387	0.453
Mr. A.Rejo Jeice	Indian Journal of Physics	-	-	-	-	1.377

Mr. A.Rejo Jeice	Brazilian journal of Physics	0.754	0.598	0.683	0.810	0.810
Mr. A.Rejo Jeice	International Journal of Modern Physics B	0.324	0.358	0.455	0.937	0.937
Mr. A.Rejo Jeice	International Journal of ChemTech Research	-	-	-	0.515	-
Dr.M.Amalanathan	Journal of Physical Chemistry A	2.946	2.771	2.775	2.693	2.693
Dr.M.Amalanathan	Chemical Physics	1.696	1.696	1.696	1.696	1.652
Dr.M.Amalanathan	Journal of Molecular Structure	1.634	1.404	1.599	1.602	1.602
Dr.M.Amalanathan	Spectrochimica Acta.A	2.098	1.977	2.129	2.353	2.353
Dr.M.Amalanathan	Journal of Raman Spectroscopy	3.087	2.679	2.519	2.671	2.671
Dr.M.Amalanathan	The Journal of Chemical Physics	3.333	3.164	3.122	2.952	2.952
Dr.M.Amalanathan	Optics and Spectroscopy	0.61	0.559	0.673	0.723	0.723
Mrs.A.Darlin Mary	International Journal of Engineering Research and Technology	-	-	1.76	2.70	-
Mrs.A.Darlin Mary	International Journal of Engineering Research and Applications	-	-	-	1.69	1.69
Dr.S.R.Brintha	International journal of chemical and analytical science	-	3.488	4.214	-	-
Dr. S. Mary Helen	International Journal of Science and Research	-	-	-	5.611	-
Mrs. M. Jaya Brabha	International Journal of Engineering Research and Applications	-	-	-	1.69	1.69
Mrs. M. Jaya Brabha	International Journal for Scientific Research and Development	-	-	0.523	0.655	2.415
Mrs. M. Jaya Brabha	International Journal of Engineering Research and Technology	-	-	1.76	2.70	-
Mrs. S. S. Sajitha	International Journal of Engineering Research&Technology	-	-	1.76	2.70	-

Dr. M. Jaya Rajan	Asian Journal of Applied Sciences	-	0.215	0.286	0.350	0.417
Mrs. M. Antilin princela	Asian Journal of chemical & Pharmaceutical Research	-	0.361	0.398	0.467	0.543
Mr.M.Mohanadhas	International journal of Computer Science and Technology	-	-	0.478	0.567	0.657
Mr.M.Mohanadhas	International Journal of Engineering Research and Applications	-	-	-	1.69	1.69
Mr. P. M. Jogi Priya	Life Science Journal	-	-	-	2.702	-
Mr. P. M. Jogi Priya	Mobile Information Systems	-	-	-	0.949	-
Mrs. X. Mary Jacintha	Journal of Molecular Structure	1.634	1.404	1.599	1.602	1.602

➤ **h-index**

Table 3.19 h-index Faculty

Name of the Staff	Name of the Journal	h-index
Dr. M. Amalanathan	Journal of Molecular Structure	9
Dr. A.Rejo Jeice	Indian Journal of Physics	2

3.4.4 Provide details (if any) of

- **research awards received by the faculty**
- **recognition received by the faculty from reputed professional bodies and agencies, nationally and internationally**
- **incentives given to faculty for receiving state, national and international recognitions for research contributions**

- Research awards received by the faculty : Nil
- Recognition received by the faculty from reputed professional bodies and agencies, nationally and internationally : Yes
- The Manonmanium Sundharanar University, Thirunelveli has recognized Dr. B. Stephen John, Associate Professor in Mathematics as a Research Supervisor to guide scholars to pursue Ph.D in Maths.

- The Manonmanium Sundharanar University, Thirunelveli has recognized Dr. M.Amalanathan, Assistant Professor in Physics as a Research Supervisor to guide scholars to pursue Ph.D in Physics.
- Incentives given to faculty for receiving state, national and international recognitions for research contributions : Yes
 - i. Additional incentives given to the staff, who completed Ph.D.
 - ii. Staff members who have published minimum of two or more research articles in national and international journals are honoured during the College Day celebrations

3.5 Consultancy

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

- Students carrying out their academic projects in industries and organizations

Table 3.20 List academic projects in association with industries and organizations

Department	Number of Projects	Industry/ Organization/ Institute
Chemistry	1	MS University, Paramakalyani Center for Environmental Sciences, Aalvarkurichi, Tirunelveli.
Chemistry	2	Government Womens College, Trivandrum, Kerala
MCA	2	BTREE Infotech, Trivandrum
MCA	2	Regional Research Laboratory, Trivandrum (Council of Scientific & Industrial Research, Ministry of Human Resource & Development, Govt. of India
MCA	5	Nest Cyber Campus, Trivandrum
MCA	3	Kerala State Electronics Development Corporation Ltd., Kerala
MCA	2	PRAGNYA Software Systems Pvt. Ltd., Trivandrum
MCA	1	Micro Tech C. N. C. Private Limited, Hosur

MCA	1	Endeavor Technical Services, Inc., Manor
MCA	1	Techno park Kerala India
MCA	1	Travancore Career Guidance Center Pvt. Ltd., Trivandrum
MCA	8	Trans Software Solutions, Trivandrum
MCA	1	Victory Software Solution, Chennai
MCA	6	Info Soft Technologies, Trivandrum
MCA	1	INAPP InformationTechnologies (India) Pvt. Ltd., Trivandrum
MCA	4	Bio-Informatic Solutions, Kerala
MCA	1	Pentasoftware Technologies Ltd., Chennai
MCA	2	CMC Limited, Chennai
MCA	7	GUILDSOFT Private Ltd., Trivandrum
MCA	5	Software Technology Parks of India, Trivandrum
MCA	1	Center for Development of Advanced Computing, Trivandrum
MCA	2	Kirloskar Computer Services Ltd., Bangalore
MCA	1	Global Research Institute for Advanced Networking Technologies Pvt. Ltd., Bangalore
MCA	1	Neologix Software Solutions, Trivandrum
MCA	1	WIPRO
MCA	1	Savant India Institute of Technology, Chennai
MCA	1	SSi Technologies, Chennai
MCA	1	MSM Consultancy Services, Bangalore
MCA	1	Lafozyis Software,Ooyour, Kerala
MCA	3	RJ Systems, Software & Digital Technology, Coimbatore

MCA	3	Navo Infotech Pvt. Ltd., Chennai
MCA	1	Sri Jaivel Integrated Automation,Coimbatore
MCA	1	Bintelsoft, Chennai
MCA	1	Bharat Heavy Electricals Limited, Trichy
MCA	1	A-Square Micro Systems & Software, Chennai
MCA	2	Femto soft Technologies Pvt. Ltd., Chennai
MCA	3	CYGNET Software , Chennai
MCA	7	SRM systems and Software Ltd., Chennai
MCA	1	Hindustan Software Ltd., Chennai
MCA	2	GFOX, Chennai
MCA	3	Bin Soft Techno Solutions, Chennai
MCA	1	Splendor Solutions, Chennai
MCA	1	Pratian Technologies (India) Pvt. Ltd., Bangalore
MCA	1	Global System Technologies (India) Pvt. Ltd., Chennai
MCA	2	Do Next Technologies, Chennai
MCA	1	Indian Rare Earths Ltd., Manavalakurichi
MCA	2	Sans Pareil Technologies, Chennai
MCA	3	Jiffy Solutions, Chennai
MCA	1	Pristine Pyramids Technology, Chennai
MCA	1	Taccu Solutions,
MCA	7	iDynamics Ltd., Trivandrum
MCA	2	Informix Technologies Pvt. Ltd., Chennai
MCA	4	Benzene Valley Technologies, Chennai
MCA	2	CEGOM Soft Pvt. Ltd., Chennai
MCA	1	Harrington Technologies, Chennai
MCA	2	DE Horizon Technologies Pvt. Ltd., Chennai

MCA	1	Accent e Technologies Pvt. Ltd., Chennai
MCA	8	Trinity Technologies, Trivandrum
MCA	1	Balda Motherson Solution India Ltd., Kanchipuram
MCA	1	Christos Power Technology, New Delhi
MCA	1	Virutcham Sotware Solutions Pvt. Ltd., Nagercoil
MCA	2	Divine Orchid Info Tech Pvt. Ltd., Chennai
MCA	2	Timios Technologies, Chennai
MCA	1	i-Nouvelles Software Solutions Ltd., Chennai
MCA	5	INVICTUS Technology Solutions (P) Ltd., Chennai
MCA	3	Sivamathi Animation Software & Electronics Ltd., Chennai
MCA	1	Verus Solution, Chennai
MCA	14	Sigma Tree Solution, Bangalore
MCA	2	CERPS Technologies Pvt. Ltd., Kerala
MCA	1	Podium Solutions, Coimbatore
MCA	2	Visra Technology, Chennai
MCA	1	Jas Info Systems, Chennai
MCA	4	M-Squared Software & Services, Technopark, Trivandrum
MCA	1	HCL Technologies Ltd., Chennai
MCA	1	SAISYS Solutions, Chennai
MCA	1	HCL Infosystems Ltd., New Delhi
MCA	2	Onspec Technology Solutions Pvt. Ltd. , Chennai
MCA	1	Equilivision Technologies, Trivandrum
MCA	5	PEARLZ Info. Solutions, Chennai
MCA	6	Acharya Virtual Solutions, Kaliyakkavilai
MCA	5	Rohan Software Solutions, Coimbatore

MCA	1	SIROCo Technologies, Technopark, Trivandrum
MCA	2	Stella Infotech, Karungal
MCA	1	Ponira Technologies, Nagercoil
MCA	1	Antrix Technologies, Marthandam
Business Administration	1	Derik Mart Pvt. Ltd., Nagercoil
Business Administration	2	Lofty Optical Industries, Puthukadai
Business Administration	1	Win Enterprizes Pvt. Ltd., Nagercoil
Business Administration	1	Travancore Titanium Product Pvt. Ltd., Travancore
Business Administration	1	Kurian Abraham Pvt. Ltd. Glovest Divison: Comorin Latex Products, Nagercoil
Business Administration	2	Bharath Motors, Marthandam
Business Administration	1	Indian Rare Earth's Ltd., Manavalakurichi
Business Administration	1	Kodai Car [s] Pvt. Ltd., Palayamkottai, Trinelvei
Business Administration	1	Vijayalaksmi Cashew Company, Kuzhithurai
Business Administration	1	Comorin Polymers and Plantation Ltd, Maruthukottai, Thuckalay
Business Administration	1	JK Industries vaniyanvilai, Nelveli
Bio Technology	5	University College, Trivandrum
Bio Technology	1	Punjabi University Patiala
Bio Technology	4	Sun Agro Biotech Research Centre , Chennai
Bio Technology	4	Biozone Research Technologies Chennai
Bio Technology	3	AAVIN Milk Factory , Sholinganallur, Chennai

- **Eminent personalities from leading industries are invited and they share their experimental working knowledge with the students during the Seminars/Symposium**

Table 3.21 List Eminent personalities visited in the College

Sl.No.	Name	Designation	Topic	Date of Visit
1.	Dr. T. Jaya Sekher	Environmental Scientist, TNPCB, Tuticorin	Toxicity Evaluation of Atmospheric particles using Biotechnological Assays	11.09.2009
2.	Dr.J.Anil John	TBGRI, Trivandrum	Introduction to Phyto-Chemistry	11.02.2011
3.	Dr.K.B.Ramesh Kumar	TBGRI, Trivandrum	Diversity of Phyto-Chemistry	11.02.2011
4.	Dr. K.P. Srinivasakumar	Chief consultant, Reliance clinical Life sciences, Bangalore	Biotechnology and Innovations	07.03.2011
5.	Mr. S. Shibi	Proprietor, PPK Group of Companies, Marthandam	Retail Management	22.08.2013
6.	Mr.Aloysious	Manager, St.Xavier's IAS academy	Trends in Indian Economy	21.07.2012
7.	Dr.K.P. Srinivasa Kumar	Chief consultant, Reliance Clinical Life Sciences, Bangalore.	Overview of discovery and applications of biopharmaceutics in health care sector	23.01.2014
8.	Dr. A. Joseph Raj Kumar	Senior Scientist, CPCRI, Kayankulam	Innovative Chemistry for pest management	30.01.2014
9.	Dr. G. Annadurai	JSPS fellow (Japan) PANSA (Tamil Nadu) SPKCBS, Alwarkurichi.	Nano Chemistry	30.01.2014
10.	Dr. J. Mary Gladis	Reader, IIST, Trivandrum	Advances in Materials for Lithium Batteries	31.01.2014
11.	Dr. T.P.D. Rajan	Scientist, NIIST, Trivandrum	Developments in Nano Composites and applications	31.01.2014
12.	S. John Felix	Relationship Manager, Al-Arif Dubai.	e-Banking	08.07.2014

13.	Dr. Kaustabh Kumar Marti	Senior Scientist, NIIST Trivandrum	Drug Delivery Systems and diagnostic nano probe for cancer Treatment	29.01.2015
14.	Mr.Manohar sam	Y.M.C.A	Workshop	14.09.2015

➤ **Industrial visits**

All the Departments conduct visits to Industries and Places of importance to gather firsthand knowledge in their respective field of study.

Table 3.22 List of industrial visits by the Department

Department	Place of visit	Date	Classes	No. of Staff
Tamil	இந்து பத்திரிக்கை, திருவனந்தபுரம்	07.10.2015	III UG	2
	உதயகிரிகோட்டை, சுங்கான்கடை, மண்பாண்டக்கலை, மைலாடி கல்சிற்பம், சுசீந்திரம்கோவில், கன்னியாகுமரி	23.01.2016	UG & PG	6
English	The Hindu English Daily News paper Printing plant, Trivandrum	12.02.2015	III UG	2
	The Hindu English Daily News paper Printing plant, Trivandrum	09.10.2014	I PG	2
	District Science Center	October 2016	I PG	3
	Priyadarshini Planetarium, Trivandrum	18-03-2016	I PG, IUG, III UG	7
	SCILET Library, Madurai	19-09-2015	II PG	2
Mathematics	Planetarium-Trivandrum, Museum-Trivandrum Rocket Launch at VSSC Trivandrum	09.10.2014	III UG, II PG, M.phil.	5
	Koodangulam Nuclear Power Project, Koodangulam	17.12.2014	II UG, I PG	4

	ISRO-Trivandrum Planetarium-Trivandrum, Museum-Trivandrum	16.09.2015	III UG, II PG, M.Phil.	4
Physics	Wind Mill, Aralvaimozhi	02.09.2011	UG & PG	4
	Koodangulam Nuclear Power Project, Koodangulam	06.09.2012	UG & II PG	5
	Koodangulam Nuclear Power Project, Koodangulam	10.10.2013	II & III UG	4
	Book Exhibition, Nagercoil	22.08.2014	UG & PG	4
	Koodangulam Nuclear Power Project, Koodangulam	10.09.2014	UG & PG	3
	Wind Mill, Aralvaimozhi	18.08.2015	UG & PG	9
	ISRO, Mahendragiri	11.09.2015	PG	4
Chemistry	Koodangulam Nuclear Power Project, Koodangulam	31.07.2014	III UG & II PG and M.Phil	5
	ISRO at Trivandrum	09.10.2014	III UG & II PG and M.Phil	4
	ISRO, Trivandrum	16.09.2015	III UG & II PG and M.Phil	4
	MS University, Trinelveli	23.02.2015	M.Phil.	
Computer Science	Koodangulam Nuclear Power Project, Koodangulam	22.08.2014	UG & PG	6
	ISRO, Trivandrum	09.10.2014	III UG & II PG and M.Phil	4
	ISRO, Trivandrum	16.09.2015	III UG & II PG and M.Phil	4
	MS University	23.02.2015	M.Phil.	-
Bio-Technology	Vermicomposting Unit, Azhagappapuram	20.01.2010		
	Tea Factory, Ooty	6.10.2011	III UG	2
	Frozen Semen Training Centre, Trinelveli	15.12.2011	UG & PG	2

	CMFRI & Marine Aquarium, Vizhinjam	24.02.2012	UG	4
	Rajiv Gandhi Centre for Biotechnology, Trivandrum	31.08.2013	III UG & PG	2
	Bilological Show, Parasala	04-01-2013	PG	2
	Koodangulam Nuclear Power Project, Koodangulam	08.12.2015	UG & PG	4
	TBGRI, Trivandrum	29.01.2016	PG students	2
Commerce	Vikraam Sarabai Space Research Centre , Trivandrum	05-09-2012	PG	2
	Kanyas Spin Mill, Aralvaimozhi & YMCA, Kanyakumari	29.09.2015	PG students	2
	SIPCOT at Valliyoor	31.08.2015	PG	2
Zoology	Neyyar Water Reservoir, Neyyar	5.10.2013	I UG	3
	Vivekanandha Kendra – nardep Trust, Kanyakumari	13.1.2015	II UG	3
	Sericulture Unit & Grainage Unit, Thenkasi.	13.8.2015	III UG	3
	YMCA, Rural Centres & Institute of Rural Development, Marthandam.	19.8.2015	II Chemistry & II Bitechology (Non Major Students)	3
	Neyyar Water Reservoir, Neyyar	11-09-2015	I UG	3
Business Administration	Kerala Automobiles Ltd	10-10-2008	II UG	4
	Travancore Titanium Product Ltd., Kochuveli	16.10.2009	II BBA	3
	Travancore Titanium Product Ltd., Kochuveli	03.09.2010	II BBA	3
	Travancore Titanium Product Ltd., Kochuveli	14.09.2011	II BBA	3
	The Hindu English Daily News paper Printing plant, Trivandrum	06.09.2012	II BBA	3

	The Hindu English Daily News paper Printing plant, Trivandrum	06.03.2014	II BBA	3
	The Hindu English Daily News paper Printing plant, Trivandrum	09.03.2015	II BBA	2
	The Hindu English Daily News paper Printing plant, Trivandrum	17.09.2015	II BBA	4

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

- The faculty are given freedom to engage in consultancy services.
- It permits the faculty members to utilize all facilities available in the College for carrying out consultancy services.
- Publicizing the expertise through Media/College website
- Special OD's allowed

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

- The College encourages the faculty members to involve in consultancy services.
- It permits the faculty members to utilize all facilities available in the College for consultancy services.

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

- Soil testing by Department of Chemistry
- Water testing by Department of Chemistry
- Faculty of Department of English doing English Language correction in projects, dissertations and thesis etc.
- Faculty of Department of Bio technology doing correction in projects, dissertations and thesis etc.
- Income Tax calculation by the faculty of the Department of Commerce.
- Faculty in the editorial boards of periodicals.
- Faculty in the Department of Physics supporting Research work of research scholars of other institutes.
- Faculty in the Department of Tamil doing translation from Malayalam to Tamil in review books.

- Consultancy on maintaining Home Aquarium by Department of Zoology.
- Classes on Shortcut Mathematics conducted to the students of Oxford Middle School, Tholayavattam by the faculty of the Department of Mathematics
- Faculty belonging to the Department of Physics and Department of Business Administration act as Members of Board of Studies of Autonomous Colleges.
- Faculty belonging to the Department of Mathematics, Computer science, Chemistry and Bio Technology act as Members of Board of Studies of Manonmaniam Sundaranar University.
- Consultancy services by Department of Chemistry to Acqua factory
- Faculty acting as reviewers in reputed international journals
- Faculty in the editorial boards of reputed journals

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

All consultancy services are carried as honorary services.

3.6 Extension Activities and Institutional Social Responsibility (ISR)

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

The College promotes institution-neighborhood community network by encouraging students' active participation in the programmes of NSS, RRC, YRC, Consumer Club, Rover Club and Social Activities for Village Empowerment Programmes (SAVE). The activities undertaken through these helped the students to be good citizens and socially oriented.

The participation of the students in outreach programmes instills a sense of social responsibility and commitment in the minds of the students making them agents of social change.

List of extension activities:

- Extension work in collaboration with Panchayath.
- Extension work in collaboration with nearby Schools.
- Extension work with local Community.
- Socio economic surveys.
- Conducting Blood donation & Identification Camps nearest villages and College campus
- Visiting School for the Blind, School for the mentally retarded, Home for the Old Aged, etc.
- Flood Relief works carried out at Kadalur

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

- Value Based Education and Environmental Studies classes are handled as per the University curriculum.
- Implementation of the Part V of University curriculum as a regular part during VI hour on all working days.
- Through NSS, YRC, RRC, Consumer Club awareness and orientation programmes and rallies are conducted
- Celebration of the important days such Independence Day, Republic Day, National Voters Day and International days to inculcate the values of good citizenship.
- Conducting literary competitions on issues related to Gender equity, Ecology and Social Justice.
- Disaster management awareness program and Disaster management Demo organized.
- Special leave given for students to do extension activities.
- Conducting Annual camps at suitably selected villages.
- Establishing SAVE (Social Activities for Village Empowerment).
- The thrust area for the year 2015-2016 is fixed as 'Community Services'.

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

- The Institution solicits stakeholder perception on the overall performance and quality of institution through feedback from students, alumni, parents and from the opinion of visitors recorded in Visitors' Diary.
- The Principal conducts periodic meetings with heads of the Departments and staff members to discuss and deliberate on the issues pertaining to the overall development of the institution.
- Students' Council meeting, Alumni meeting and PTA meeting are periodically conducted.

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

Table 3.23 Budgetary details of extension during the year 2011-2016

Academic Year	Amount Allocated for Extension Activities (NSS/RRC/YRC/ECO Club) (Rs.)			
	Campus Program	Outreach Program	TA/DA	Total
2011-2012	-	-	-	-
2012-2013	-	17,719	-	17,719
2013-2014	-	17,639	-	17,639
2014-2015	870	21,142	2375	24,387
2015-2016	-	19,596	-	19,596

➤ **Major extension and outreach programmes**

Table 3.24 List major extension activities done by NSS:

Date	Name of Programme	Place
09.02.1991 to 18.02.1991	Special Camp	Pacode
03.08.1991	Village Visit - by NSS Volunteers for Health and Environment	Kottanni Vilai, Thykattuvilai & Kuttanvilai
26.12.1991 to 04.01.1992	Special NSS camp	Killiyoor
26.12.1992 to 04.01.1993	NSS Special camp	Kadayal
06.08.1994 to 15.08.1994	Rajiv Bhasker II B.Sc. Computer Science attended NSS Special camp	Coimbatore
26.12.1994 to 04.01.1995	NSS Special Camp	Pathukani
09.12.1995 to 20.12.1996	Pulse Polio Immunisation Programme	Killiyoor
05.10.1998	Awareness Programme on the Importance of Small Savings to the Women's Association of Kamplar	Kamplar
26.12.1999 to 04.01.2000	Special NSS camp	Pechipparai
02.03.2001 to 11.03.2001	Special NSS Camp (Unit No 72 & 73)	Palappallam
02.03.2001 to 11.03.2001	Special NSS Camp (Unit No 81)	Thenkarai
14.01.2005 to 23.01.2005	NSS Special camp	Kesavapuram Thiruvattar

02.01.2006 to 11.01.2006	Special NSS camp	Madathattuvilai Pandarakadu Manthoppu
21.09.2007 to 30.09.2007	Special Camp	Killiyoor, Mathapuram, Thittavilai
24.09.2008 to 31.10.2008	Special NSS camp	Kamplar, Killiyoor, Mathapuram
24.09.2009 to 29.09.2009	NSS Special camp	Sahaya Nager
24.09.2010 to 30.09.2010	NSS Special camp	Kanavoor
30.09.2011 to 06.10.2011	NSS Special Camp	Kamplar
11.01.2014 to 17.01.2014	NSS Special camp	Thittavilai
09.08.2014 to 16.08.2014	15 NSS volunteers renovated a poor's house	Mathapuram
14.09.2014	100 NSS volunteers cleaned the Killiyoor Bus Stand as part of our P.Ms Project Swatch Bharath	Killiyoor
13.01.2015	NSS-Awareness rally - Smokeless Pongal	Killiyoor
02.03.2016 to 10.03.2016	NSS Special camp	Killiyoor , Mathapuram, Poottati

Table 3.25 List of Extension program in association with nearby schools:

Date	Name of Programme	Place
09.02.2015 to 13.02.2015	School Teaching (Department of Computer Science)	St.Mary's Middle School, Tholayavattam
18.02.2015	School Teaching (Department of English)	St.Mary's Middle School, Tholayavattam
19.02.2015	School Teaching (Department of Mathematics)	St.Mary's Middle School, Tholayavattam
20.02.2015	School Teaching (Department of Physics)	St.Mary's Middle School, Tholayavattam
25.02.2015	School Teaching (Department of Chemistry)	St.Mary's Middle School, Tholayavattam
11.03.2015	School Teaching (Department of Bio-Technology)	St.Mary's Middle School, Tholayavattam

12.03.2015	School Teaching (Department of B.B.A)	St.Mary's Middle School, Tholayavattam
13.03.2015	School Teaching (Department of Tamil)	St.Mary's Middle School, Tholayavattam
01.02.2016	School Teaching (Department of Mathematics)	St. Antony's High School, Mullanganavilai
02.02.2016	School Teaching (Department of Tamil)	St. Antony's High School, Mullanganavilai
03.02.2016	School Teaching (Department of English)	St. Antony's High School, Mullanganavilai
04.02.2016	School Teaching (Department of Physics)	St. Antony's High School, Mullanganavilai
05.02.2016	School Teaching (Department of Computer Science)	St. Antony's High School, Mullanganavilai
08.02.2016	School Teaching (Department of Chemistry)	St. Antony's High School, Mullanganavilai
09.02.2016	School Teaching (Department of Bio-Technology)	St. Antony's High School, Mullanganavilai
15.02.2016	School Teaching (Department of Zoology)	St. Antony's High School, Mullanganavilai
16.02.2016	School Teaching (Department of B.B.A)	St. Antony's High School, Mullanganavilai
17.02.2016	School Teaching (Department of Commerce)	St. Antony's High School, Mullanganavilai

Table 3.26 List of visiting school for the blind, school for the mentally retarded, home for the old aged, etc.

Date	Department	Name of Programme	Place
01.02.1997	-	Visited Irenipuram blind school - 100 NSS volunteers & PO's	Irenipuram
08.08.1998	-	Blind School Visit	Irenipuram
24.10.1998	-	Mentally Retarded Home Visit	Chithirancode
23.12.2014	Bio-Technology	Old Age Home 'Anbagam'	Munchirai
23.12.2014	Zoology	Old Age Home "Anbagam" Visit	Munchirai
20.03.2015	English	Village Visit	Sivalogam
06.02.2015	Commerce (IB.Com)	Blind School Visit	Irenipuram
18.02.2015	Chemistry	Punar Jeevan Old age Home	Tholayavattam

21.08.2015	Chemistry (III UG)	Old Age Home “Anbagam”	Munchirai
23.09.2015	Commerce (IB.Com)	Physically Challenged Students Home “Karunai Illam”	Nithiravilai
20.12.2015	Commerce (IIM.Com)	Bishop Gnadhasan Arivu Illam	Perunchilampu
22.08.2015	Computer Science	Jeevan Jothi Old Age Home	Tholayavattam
17.12.2015	Zoology	Old Age Home	Sahaya Nagar
21.12.2015	Bio-Technology	Old Age Home Anbagam Visit	Munchirai
28.09.2015	III B.Sc. Physics	Old Age Home Anbagam Visit	Munchira
28.09.2015	II B.Sc. Physics	Antony Karunai Illam	Kurusadi
01.09.2015	II M.Sc. Physics	Melbin Jones Home	Karungal
31.08.2015	I M.Sc. Physics	Sacred Heart Oldage Home	Thloyavatam

Table 3.27 List blood donation and identification camp & health camp

Date	Name of Programme	Place
14.01.1995	Blood Donation Camp	College
11.09.2004	Blood Identification Camp & Eye camp	College
17.12.2005	Blood Identification Camp in collaboration with Lions Club, Karungal	College
18.12.2007	Blood Donation Camp in collaboration with Kanyakumari Blood Bank. Inaugurated by Dr. Karolin Geetha, Director, Kanyakumari Blood Bank	College
15.07.2010	Blood Donation Camp in collaboration with Blood Bank of Asaripallam Govt. Medical College.	College
30.07.2010	Blood Identification Camp in collaboration with Lions Club, Karungal	College
16.08.2011	Blood Group Identification Camp in Collaboration with Govt Head Quarters Hospital, Padmanathapuram	College
17.08.2011	Blood Donation Camp in Collaboration with Govt Head Quarters Hospital, Padmanathapuram	College
31.08.2012	Blood Identification Camp in Collaboration with Govt.Hospital Thuckalay and Primary Health Centre Killyoor	College

31.08.2012	Blood Donation Camp Camp in Coloboration with Govt.Hospital Thuckalay and Primary Health Centre Killiyor, 35 units donated	College
01.10.2013	Blood Donaton Camp Camp in Coloboration with Govt.Hospital Thuckalay and Primary Health Centre Killiyor	College
18.07.2014	Blood Donation Camp in collaboration with Govt. Head Quarters Hospital, Padmanathapuram (donated 59 Units)	College
30.08.2015	Blood Donation Camp in collaboration with Govt. Head Quarters Hospital, Pathmanathapuram (donated 35 Units)	College
01.09.2015	Blood Identification Camp in Govt.Hospital Thuckalay and Primary Health Centre Killiyor	College

Table 3.28 List of Extension Work by the Department/ Committee:

Date	Name of Programme	Department / Committee	Place
10.09.2012	Health Awareness Program	NSS, YRC	College
26.06.2014	Anti Drug AwarenessProgram	NSS, YRC	College
22.07.2014	Health Check-up Camp in association with Dr. L.C. Sastha, Government Hospital, Thuckalai	NSS, YRC	College
14.10.2014	Awareness Program(Blood Donation)	NSS, YRC	College
21.01.2015	Awareness programme on HIV/ AIDS by Mr. X.Iruthayaraj, Counsellor, Government Hospital, Colachel	NSS, YRC	College
13.02.2015	Soil and water analysis	Chemistry	Tholayavattam
13.02.2015	Plastic Awareness Programme	Bio-Technology	Kamblar village
13.02.2015	Plastic Awareness Programme	Bio-Technology	Kamblar village
12.03.2015	First Aids Training Programme	YRC	College
13.03.2015	First Aids Training Programme	YRC	College
05.03.2015	Thyroid Testing Camp	NSS, YRC	College

25.06.2015	Anti Drug Awareness Programme	YRC	College
13.08.2015	Plastic Awareness Programme	Bio-Technology	Pullani Village
14.12.2015	Dengue Awareness Programme	Zoology	College
04.02.2016	Cancer Awareness Program	Zoology	College
08.01.2016	Awareness programme on Human Rights	NSS	College
15.02.2016	Plastic Awareness Programme	Bio-Technology	Madhapuram Village
22.02.2016	Disaster Management	NSS, YRC	College
02.09.2016	Thyroid Awareness Programme	NSS, YRC	College
05.03.2016	AIDS Awareness Programme	NSS, YRC	College

Other Extension Activities:

- SAVE organized Flood Relief Fund collection at Marthandam for the flood affected people of Kadalur, Twenty of our students and five of our staff took part in the collection. They collected nearly Rs 23,200/- for the same.
- Fifteen students and 5 staff members of our College did a Flood Relief Work at the mostly affected village Kurinchi Kollai near Kadalur from 17.12.2015 to 19.12.2015. They distributed nearly 300 school bags, school accessories and rice worth Rs. 1,50,000/- (One Lakh Fifty Thousand) for the affected people.
- Students from the Department of Physics conducted a condolence Rally outside the campus in memory of Dr.A.P.J.Abdul Kalam on 29-07-2016

Impact:

- The extension and outreach activities inculcate human values such as Teamwork, Volunteering, Sincerity, Simplicity, Sharing, Selflessness, Sacrifice, Leadership, Industry and Co-operation.
- The extension and outreach activities facilitate to bring out the hidden talents of the students.
- They develop a sense of care for humanity and society
- They learn to develop an inclusive approach towards community. They gain leadership quality, team spirit, and coordination and organization skills. The students learn to write reports. They learn to arrange cultural programmes. The healthy bond developed among the students when they are on an extension activity and the healthy bond developed between the students and the society contributes to the holistic development of the students.

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

- The students are motivated to participate in N.S.S., Y.R.C., R.R.C., Campus Improvement and Eco Club through orientation.
- The Institution encourages and promotes the participation of students and faculty in extension activities.
- On Other Duty permission is granted to the staff members and student volunteers to take part in extension activities.
- The University provides incentives for the programme officers of NSS and RRC.
- The special awardees are honored at the time of College Day.
- Includes the NSS, YRC, RRC and other activities as regular part in the 6th hour.
- Snacks and meals provided to the students during the special activities.
- Establishment of Rover Club during the academic year 2015-16.
- Establishment of SAVE (Social Activities for Village Empowerment) during the academic year 2015-16.

3.6.6 Give details on social surveys, research or extension work (if any) undertaken by the College to ensure social justice and empower students from under-privileged and vulnerable sections of society?

Social surveys are carried out by the students as part of their curriculum.

3.6.7 Reflecting on objectives and expected outcomes of the extension activities organized by the institution, comment on how they complement students' academic learning experience and specify the values and skills inculcated.

- Development of leadership qualities
- Social orientation
- Human values
- Team work
- Co-operation
- Helping mentality
- Social Values and Social Justice
- Self Dependence
- Understanding the living conditions of socially and economically marginalized people.

3.6.8 How does the institution ensure the involvement of the community in its reach out activities and contribute to the community development? Detail on the initiatives of the institution that encourage community participation in its activities?

➤ **Community participation & Community Development**

- Cleanliness programmes
 - Road cleaning
 - Primary Health Centre cleaning
 - Bus Stand Cleaning
- Paving roads
- House renovation work
- Goat distribution to poor people
- Conducting Camps
- Conducting Awareness Rallies
- Usage of play ground by nearby Colleges /Schools
- Play ground usage by Local People.
- Tournaments organized

➤ **Interaction with nearby schools**

- Subject teaching by our student in neraby schools
 - Students from Tamil, English, Maths, Physics, Computer Scienceec, Commerce, Busines Administation, Zoology and Bio Technology Departments took part.
- Conducting Science exhibition in which nearby schools took part.

➤ **Interaction with nearby organizations**

- Blood Identification, Blood donation camps and Health related camps in association with nearby Hospitals and Voluntary Organisations
 - **Vide Table 3.27**

➤ **Flood Disaster**

- Flood relief collection at Martandam
- Flood relief collection at the College.
- Flood relief works at the affected areas
 - Kurinchi Kollai and Sithanangoor in Kadalur District.

3.6.9 Give details on the constructive relationships forged (if any) with other institutions of the locality for working on various outreach and extension activities.

We have some constructive relationships forged for conducting the extension activities

- Nearby schools: Conducting classes at St.Mary's School, Tholyavattam and St.Antony's High School, Mullanganavilai by our students using power point presentations.
- Nearby industries: Studies on customer satisfaction, job satisfaction and welfare measures for the employees are carried out at the nearby industries.
- Nearby Hospitals: Conducting Blood Donation and Identification camp, Health Camp in association with Blood Bank of Aasaripallam Medical College Hospital, Padmanapuram Govt. Head Quarters Hospital, Kanyakumari Blood Bank and St. Luke's Hospital, Thenkapattinam.
- Local Town Panchayath
 - Conducting Awareness rally in association with Killyoor Town Panchayath.
 - Conducting Cleaning work in Roads and Bus stands in association with Killyoor Town Panchayath
- Voluntary Organizations: Conducting Camps in association with Rotary, Lions Club.

3.6.10 Give details of awards received by the institution for extension activities and/contributions to the social/community development during the last four years.

Awards received by the institution

- Our institution received an 'Appreciation Award' from the District Collector, Kanyakumari for donating 52 units of blood for the year 2008-2009.
- Mr.Y. Samson, Associate Professor of Physics was recognised for his services with the 'Best N.S.S. Programme Officer' award at state level during the academic year 2010-2011.
- Our institution received 'Best Blood Donors' award from the District Collector, Kanyakumari for donating 35 units of blood for the year 2011-2012.
- Indian Red Cross Society presented the 'Best Performer Award' to our College for year 2013-2014.
- Y.R.C Co-ordinator of our College Dr. M. Jayarajan received an Award for Best Performer of Appreciation on 20-02-2015 from the Vice Chancellor of Manonmaniam Sundaranar University.
- Annai Velankanni College received a 'Certificate of Appreciation' from Sh.Sajjansingh R. Chavan, District Collector, Kanyakumari for organizing voluntary blood donation camp for the year 2014-2015 and donating 59 units of blood.
- Our College has received a Silver Zone Award from Indian Association for the Blind, Madurai for making contributions to educate a visually challenged child.

3.7 Collaborations

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

➤ The institution interacts with the following research institutes for research activities listed below:

- **Vide 3.3.6**

➤ The institution interacts with the following research laboratories/institutes and industries for research activities listed below:

- Regional Research Laboratory, Trivandrum.
- Sophisticated Analytical Instrumentation Facility, Cochin.
- Cochin University, Cochin.
- Manonmaniam Sundaranar University, Tirunelveli.
- PSN College, Valliyoor
- IIT, Chennai
- IISC Bangalore
- Sree Chitra Institute, Trivandrum

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

Details of MoUs

- The Commerce Department has signed MoU with Lofty opticals, Puthukkadai.
- Our College has signed MoU with CSC Computer Education, Monday market.
- Our College has signed MoU with Guru coaching Centre, Marthandam for conducting coaching classes for competitive exams
- Our College has signed MoU with Challenge Institute, Puthukadai for conducting Beautician Course.
- Our College has signed MoU with Sonia Driving School for conducting Two Wheeler and Four wheeler classes for our students.

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

- ILL – Inter Library Loan facilities with the nearby Public Library.
- The College plans to collaborate with Mar Ephraem College of Engineering & Technology, Elavuvilai that will contribute to the establishment / creation/up-gradation of academic facilities, student and staff support, infrastructure facilities of the institution viz. laboratories/ library/ new technology/ placement services etc.

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

- **LIST OF INVITEES**
 - **Vide Annexure II**
- **National and international conferences organized during the last four years:**

Table 3.29 List of National and international conferences organized during the last four years:

Sl.No.	Year	Department	Title	Date
1.	2011-2012	English	Regional Seminar on “Cultural Studies Theory and Practice”	12.02. 2012
		Mathematics	Seminar on “Modern Trends in Mathematics”	28.02.2012
		Chemistry	National Seminar on “Recent trends in Chemistry”	11.02. 2012
2.	2012-2013	Physics	Seminar on “Quantum Physics”	27.12. 2012
		Mathematics	Seminar on “Modern Trends in Mathematics”	28.02.2013
		BBA	National Symosium “GRAVITAS2K13”	19.12.2013
		BBA	Seminar on Higher Education	13.08.2015
		Chemistry	State Level Seminar on “Chem Fest 2013”	15.03.2013
3.	2013-2014	English	National Seminar on “Canadian Literature Diverse and Perspectives”	14.08.2013

		Physics	National Seminar on “Material Science in Research and Technology (NSRTM-2013)”	4 th & 5 th Oct. 2013
		Computer Science	Workshop on “Software (.Net)”	29.01.2014
		Chemistry	National Seminar on “Newer innovations in Chemistry”	30 th & 31 th Jan. 2014
		Computer Science	Hardware Workshop	31.01.2014
		Bio-Technology	National Symposium Bio-Technology for Sustainable Community Livelihood BSCL 2014	23 rd and 24 th Jan 2014
		BBA	Seminar on Consumer Awareness	19.08.2013
		Mathematics	Seminar on “Modern Trends in Graph Theory”	10.02.2014
4.	2014-2015	Mathematics	Seminar on “Graph Theory and its applications”	13 th &14 th Aug. 2014
		Computer Science	Workshop on “Introduction to Java Enterprise Systems”	01.09.2014
		Bio-Technology	National Symposium on “Biotechnology for sustainable Bio diversity”	12.09.2014
		Tamil	Seminar on “Samakala Tamil Elakkiyankalil Punaivum Veliyum”	23.09.2014
		Computer Science	Workshop on “Database Management System”	26.09.2014
		Computer Science	Symposium on “TechX14”	26.09.2014
		Zoology	Workshop on “Construction of Aquarium Tank”	10.10.2014
		English	Workshop on Research Methodology”	12.12.2014
		Physics	Seminar on “Recent Trends in Physics”	28.01.2015
		Chemistry	National Symposium on “Green and Sustainable Energy”	29 th &30 th Jan. 2015
		Tamil	Seminar on “Samayamum Tamizhum Panmuga Parvai”	30 & 31 March 2015
		English	Seminar on “Literary Criticism”	20.02.2015

		BBA	Seminar on E-Banking	08.07.2014
		BBA	National Symposium on Gravitas 2K15	12.01.2015
5.	2015-2016	Computer Science	Seminar on “JAVA J2EE”	09.07.2015
		Mathematics	State Level Symposium on “Modern Trends in Discrete Mathematics”	12 th & 13 th Aug. 2015
		Computer Science	Seminar on “Technologies and Job Opportunities”	04.09.2015
		Computer Science	Seminar on “Office Automation”	04.09.2015
		Commerce	Seminar on “Motivation and Employable Skills”	10.09.2015
		Commerce	Workshop on “Economic Empowerment”	14.09.2015
		Zoology	State Level Seminar on “Applied Zoology”	18.09.2015
		English	National Seminar on “Current Trends in Literature”	22 nd & 23 rd Sep. 2015
		Tamil	Workshop on “Screen Play Writing for Movies”	13.01.2016
		Tamil	Workshop on “Short Story Writing”	10.03.2016
		Tamil	Seminar on “Penniya Sinthanaium Aazhumaum”	25.09 .2015
		B.B.A	National Level Symposium on “GRAVITAS 2K16”	8 th & 9 th Jan.2016
		Computer Science	State Level Technical Symposium on “Kaninifest 2016”	27 th & 28 th Jan. 2016
		Physics	National Level Symposium on “Recent Trends in Advanced Physics”	1 st & 2 nd Feb. 2016
		Chemistry	Two-day symposium on “Advances and Application in Chemistry”	4 th & 5 th Feb. 2016
		Bio-Technology	National Conference on “Bio-Technology for Sustainable Development (BSD – 2016)”	11 th & 12 th Feb. 2016
		Tamil	Seminar on “ Irupatham Nootrandu Tamil Ilakkiya Padaippugalin Pokkugal”	17 th & 18 th Mar.2016

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

a) Curriculum development/enrichment

1. Dr. J. Johnson, Department of Physics had been Member of UG Board of Studies of St. Xavier's College (Autonomous), Palayamkottai during the academic year 2011-2012.
2. Mr. D. Anto Pravin Singh, Department of Business Administration has rendered his service as member of the UG Board of Studies of St. Mary's Autonomous College, Thoothukudi during the period 2014-2015.

b) Internship/ On-the-job training : Nil

P.G. Computer Science Students do their final year projects at reputed companies. The experience the students gather at these companies stand them in good stead when they apply for jobs.

c) Summer placement : Nil

d) Faculty exchange and professional development:

Mr.M.Anto of Department of Mathematics and Mr.Deva Prince of Department of Chemistry handled JEE (Joint Entrance Exam) coaching classes at Sigaram Foundation, Mulagumoodu during the academic year 2013-14.

Mr.Y.Samson and Mr.A.Rejo Jeice of the Department of Physics handle classes for JEE (Joint Entrance Exam) /AIPMT in Nanjil Career Academy, Azhagiyamandapam from April 2015 and April 2016 respectively.

e) Research

The interaction with other institutes, laboratories have resulted in an increase in the number of presentation and publications of research papers and the number of faculty engaging themselves in research activities.

- Kerala University Library being used by our M.Phil scholars and the faculty for their literature survey.
- M.S. University library being used by the faculty and students of all Departments for research purpose.
- The Chemistry lab of Manonmanium Sundaranar University being used by the faculty of Chemistry for research purposes.
- Valliyoor PSN College Instrumentation facilities being used by our students.

f) Consultancy

• Referee in International Journals

- o Dr. M. Amalanathan is a reviewer of Spectrochimica Acta Part A Molecular and Bimolecular Spectroscopy from 04.08.2014.

- o Dr. M. Amalanathan is a reviewer of Arabian Journal of Chemistry from 06.01.2015.
- **Referee in National Journals** : Nil.
- **Guest editor for the special issue**
 - o Dr. P.S. Rajesh, Sub Editor, Marthandam Malai - Monthly Magazine
 - o Dr. P.S. Rajesh, Editor, Yen Nanban, Weekly Magazine
 - o Dr. P.S. Rajesh, Editor, Annai Mozhi, Monthly Magazine
- **Member of the Editorial Board**
 - o Our faculty member Dr. G. Sujin is the editor of Mass Bulletin- An International Journal of Management and Social Studies.

g) Extension

- NSS units in association with RRC conducted Blood donation and Identification camp, Health Camp in Collaboration with Blood Bank of Asaripallam Medical College Hospital, Padmanapuram Govt. Head Quarters Hospital, Kanyakumari Blood Bank and St. Luke's Hospital, Thenkapattinam.
- NSS organized 'Clean India' programme and 'Pukailla Pongal' (Smokeless Pongal) in association with Killiyoor Town Panchayat.
- RRC organised 'AIDS Awareness Program' in collaboration with Govt. Hospital, Colachel.
- In collaboration with Agarwal Eye Hospital, Tirunelveli, our NSS units organized Eye Check-up Camp and Eye Donation Awareness Programme.
- In collaboration with the District Administration, the NSS units organized Disaster Management Awareness Programme and Disaster Management Demonstration programme.
- In collaboration with the District Police, the NSS units organized awareness programmes on Prevention of Exploitation of Innocent people by Economic Offenders.
- In association with Friends of Kottar, NSS units donated goats to the poor people of the locality for them to rear and earn a living. In association with Friends of Kottar, volunteers of NSS units renovated a poor's house near Mathapuram.
- As part of extension activity and to have an interaction with under privileged, our students visit the School for the Blind, School for the Mentally Retarded and the Home for the Aged periodically.

h) Publication : Nil

i) Student Placement

In association with Guru Coaching Center, Marthandam, the College conducts coaching classes for the competitive exams.

j) Twinning programmes : Nil

k) Introduction of new courses

- In collaboration with CSC, Monday Market, the College offers 'Tally', 'MS Office' and DTP Courses.
- In association with Challenge Institute Puthukadai, the College offers 'Beautician Course'.
- In association with British Institute of Spoken English, the College offers spoken English courses for the students.

l) Student exchange : Nil

m) Any other : Nil

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

The College intends to establish linkages/collaboration for all its Departments in such a way that such initiatives serve the local needs and the stakeholders' interests best.

The College would look to ensure, linkages/ collaborations contribute

- To the research orientation of the students
- To the development of the employability skills of students
- To the development of spoken English skills of the students
- To the social orientation of the students
- To staff and student exchange programmes

The College constantly endeavours on establishing linkages/ collaborations with renowned organisations. As such, the College intends to establish such linkages/collaboration for all its Departments.

Any other relevant information regarding Research, Consultancy and Extension which the College would like to include.

➤ List of Sequence in NCBI Database

Table 3.30 List of Sequence in NCBI Database:

Name of the Staff	Title	Accession Number
Dr. J. M. Sasi Premila	Bacillus amyloliquefaciens strain KDPS2 16S ribosomal RNA gene, partial sequence, 619 bp linear DNA	KT276356.1
	Bacillus cereus strain KDPS3 16S ribosomal RNA gene, partial sequence, 521 bp linear DNA	KT276357.1

	Geobacillus stearothermophilus strain KDPS5 16S ribosomal RNA gene, partial sequence, 376 bp linear DNA	KT282130.1
	Bacillus subtilis strain KDPS7 16S ribosomal RNA, partial sequence, 936 bp linear DNA	KT282131.1

➤ **Students Publication in National/ International Journals**

Guided by our faculty, some of our student's published some National/ International reputed Journals. The Details of Students Publication in National/ International reputed Journals are given below:

Mathematics:

1. M. Maria Susai Manuel, G.Dominic Babu and **G.M. Ashlin** Infinite Series Obtained By Backward Alpha Difference Operator with Real Variable, IOSR Journal of Mathematics (IOSR-JM) e-ISSN: 2278-5728, p-ISSN: 2319-765X. Volume 11, Issue 5 Ver. I (Sep. - Oct. 2015),
2. M. Maria Susai Manuel, G.Dominic Babu and **T.Lincy**, Backward Alpha Difference Operator with Real Variable and its Finite Series, International Journal of Mathematics Trends and Technology- Volume25 Number1 – September 2015 ISSN: 2231-5373
3. M.Anto, **V. Suganya**, $\hat{g}^{**}$ s –closed sets in topological spaces, International Journal of Development Research, Vol. 5, Issue, 12, pp. 6195-6203, December, 2015.
4. B.Stephen John, **BeniKsha**, Vertex Cover Polynomial of Tensor Product of $C_n \times P_2$, International Journal of Mathematics and Computer Research, Volume3(7)(2015), 1081-1096 ISSN: 2320-7167

Chemistry:

5. Mrs. S. S. Sajitha, **Anish**, Analysis of Macronutrients (Calcium and magnesium) and Trace Elements (Iron &Zine) in Common Edible Indian Foods, "International Journal of Engineering Research and Technology, Volume. 5-Issue. 02, 2016" ISSN : 2278-0181
6. Dr. S. R. Brintha, **Ajitha**, Growth and Characterization of pure and ferrous sulphate doped BisthioureaZine chloride, "International Journal of Engineering Research and Applications, Vol 5 (2015) pp. 57-62"
7. Mrs. M. Jaya Brabha, **Sr. Motsha Rakkini**, Growth and Characterization of pure and anthranilic acid doped

BisthioureaZine chloride, International Journal for Scientific Research and Development.

8. Mrs. M. Jaya Brabha, **Sr. Motsha Rakkini**, Growth and Characterization of Nickel Sulphate Doped Bis ThioureaZinc Chloride, International Journal for Scientific Research and Development, vol 3, Issue 08.
9. Mrs. M. Jaya Brabha, **Sr. Motsha Rakkini**, Analysis of Macronutrients (Calcium and magnesium) and Trace Elements (Iron &Zine) in Common Edible Indian Foods, "International Journal of Engineering Research and Technology, Volume. 5- Issue. 02, 2016".
10. Dr. S. Mary Helen, **Sr. Emelda**, "Characterization and Antimicrobial Study of Nickel Nanoparticles Synthesized from Dioscorea (Elephant Yam) by Green Route", International Journal of Science and Research (IJSR)
11. Dr. S. Mary Helen, **Sr. Emelda**, Characterization and Antimicrobial Study of Cobalt Nanoparticles Synthesized from Manihot Esculent (Tapioca) by Green Route.

Physics

12. Dr.J.Johnson, **R. S. Abina Shiny**, Growth and Characterization of Cobalt Doped Trimettalic Thiocyanate, International Journal of Current Science Research, ISSN: 2454-5422.

➤ Proceedings with ISBN

- The Department of Tamil published Proceedings with ISBN during 2014-2015 and 2015-2016. In 2014-2015 they published 'சமயமும் தமிழும்' and in 2015-2016 published 'இருபதாம் நூற்றாண்டு தமிழ் இலக்கிய படைப்புகளின் போக்குகள்'. 14 of our P.G students contributed in சமயமும் தமிழும்' and 32 of our P.G students contributed in 'இருபதாம் நூற்றாண்டு தமிழ் இலக்கிய படைப்புகளின் போக்குகள்'.
- **G. Jancy Bai Ruby** of M. Phil. Commerce published an article entitled 'Key Market Segments and the Global Banking Industry' in the ISBN Proceedings named 'Finance and Banking' published by B Club, Chennai. ISBN : 978-81-925275-1-2.

- Dr.S.Stalin Sathiya of the Department of Tamil made a presentation on 'Thamizhan Thannilai Izhandhu Vittana?' (தமிழன் தன்னிலை இழந்து விட்டானா?) at the IX World Tamil Conference held at Kuala Lumpur, Malaysia during 29.01.2015 to 02.02.2015.
- Dr S Maria John joined duty as Principal of the College during the academic year 2015-2016. he has guided 22 M.Phil and 26 Ph.D Scholars. He has published 21 papers in the reputed National/international Journals. He has served as resource person in 16 workshops and in 5 seminars.

CRITERION IV

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 Physical Facilities

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

Since its inception, the policy of the institution has been to provide all infrastructural facilities associated with curricular, co-curricular and extra-curricular activities as per the requirements of Government/ University norms. The institution is largely successful in achieving that. The institution takes efforts to meet the growing needs of the times.

4.1.2 Detail the facilities available for

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

1. The administrative block is a three storied building. The ground floor consists of the Principal's office, Secretary's office, President's office, Treasurer's office and the College Office. The first floor accommodates staff room of the Department of Bio- Technology, P.G lab of Bio-Technology and P.G Bio - Technology class rooms. The second floor of the administrative block is for U.G Bio-Technology class rooms and the P.G. Department Libraries of Mathematics, Physics, Chemistry, Commerce and English.
2. The main block is a three storied building. The ground floor consists of the U.G lab of Bio-Technology, U.G lab of Chemistry, U.G. Chemistry store, the staff room of the Department of Chemistry, Health Room and two class rooms. An annexe in the ground floor of the Main Block accommodates the store room of N.S.S. The first floor has U.G. Lab of Zoology, General Library, the staff room of the Department of Commerce and four class rooms. An annexe between the first and second floor accommodates the staff room of the Department of Mathematics. The second floor consists of the staff room of the Department of Business Administration and eight class rooms.
3. The Computer Science Block is a three storied one. The ground floor is for the P.G. lab of Chemistry, P.G. Chemistry store, M.Phil Chemistry Research Lab, M.Phil Chemistry class room

and four class rooms. The first floor consists of the staff room of the Department of the Physics, M.Phil. Physics class room, M. Phil. Physics Research Lab, U.G. Physics Lab, P.G. Physics Lab, U.G Computer Science Lab and a class room. The second floor accommodates the staff room of the Department of Computer Science, Computer Centre, P.G. Lab of Computer Science and five class rooms.

4. The South Block is a two storied building. The ground floor consists of the staff room of the Department of Tamil, P.G. Tamil Library, Physical Director's Room and three class rooms. An annexe in the ground floor accommodates the canteen. The first floor has a room for the Exam Cell, and five class rooms.
5. The ground floor of the Library Block accommodates the staff room of the Department of English, Eight class rooms and the office of the NAAC Steering Committee. The first floor, which is for a spacious library, is under construction. There is a proposal to construct second floor also.

Table 4.1 Tutorial Spaces

Particulars	Number of Rooms	Area per Room in sq. ft.	Total Area in sq. ft.
UG	16	550	8800
	2	314	628
	6	405	2430
	4	474	1896
PG	8	483	3864
	6	482	2892
	2	486	972
M. Phil.	3	160	480
	2	245	490
Staff Rooms	5	296	1480
	1	314	314
	2	472	944
	1	405	405
	1	239	239

Table 4.2 Laboratories Spaces

Particulars	Area in sq.ft.
UG Physics Lab	1923 sq.ft.
UG Chemistry Lab	1402 sq.ft.

UG Computer Lab	1200 sq.ft.
UG Bio-Technology Lab	1127 sq.ft.
PG Physics Lab	1231 sq.ft.
PG Chemistry Lab	2904 sq.ft.
PG Computer Lab	1458 sq.ft.
PG Bio-Technology Lab	1010 sq.ft.

Table 4.3 Libraries

Particulars	Area in sq.ft.
General Library	1107 sq.ft.
English, Physics, Chemistry, Bio-Technology, M.Com.	1638 sq.ft.

6. There are two guest houses.
7. There is a Boys' Home used as boys' hostel earlier.
8. **Technology enabled learning spaces**

There is a computer center with 34 computers of which 5 is net connected. Each Department is provided with a computer with net connectivity. There are 7 LCD projectors available in the College. In addition to these, net connectivity in U.G. and P.G. labs of computer science also support Technology enabled teaching and learning.

9. Specialized facilities

- a) Waiting Shed for boys with a carpet area of 2200 square feet.
- b) Vehicle Shed
- c) In addition to the students common toilets the Main block, Computer Science Block and Library block has separate toilet for boys, girls and staff.
- d) Health centre has a separate room.
- e) Safe drinking water facility.
- f) Public Address System.
- g) Uninterrupted power supply with backup generators.
- h) Availability of copier machines in the office and library.
- i) Internet facility in the library and in the computer centre.

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

- **Sports facilities**

All sports items like bat, balls and nets are amply supplied by the College to make the students proficient in games. A separate room is allotted for the Department of Physical Education.

Table 4.4 List of sports items

Sl.No.	Infrastructure	No. of fields / courts available
1.	200 mts Track	1
2.	Volley Ball Court	2
3.	Ball Badminton Court	2
4.	Kabbadi Court	1
5.	Kho-Kho Court	1
6.	Basket Ball Court	1

- **Auditorium**

The College has an auditorium with a carpet area of 7249 sq.ft. with dressing room and toilet facilities. Various competitions, cultural activities, awareness programmes, activities of the Departments and important functions of the College are conducted in the Auditorium.

- **NSS** has a store room.

- **Animal House**

- o There is no Animal House
- o Department of Zoology maintains an aquarium and a fish pond.

- **Botanical garden**

- o Herbal garden
- o Organic farm

- **Health & Hygiene**

- o Separate room is allotted for Health Center.

- **Public Speaking & Communication Skills Development**

- o Public Speaking & Communication Skills Development programmes are conducted at the auditorium and at the classrooms.

4.1.3 How does the institution plan and ensure that the available infrastructure is in line with its academic growth and is optimally utilized? Give specific examples of the facilities developed/augmented and the amount spent during the last four

years (Enclose the Master Plan of the Institution / campus and indicate the existing physical infrastructure and the future planned expansions if any).

All available infrastructures is optimally utilised for carrying out the curricular, co-curricular and extra-curricular activities during regular working hours and the Master Plan of the campus is enclosed as annexure III.

In addition to the regular working time our college facilities are also utilized by the students and community.

- i) The College library functions from 9.15 a.m to 4.25 p.m on all working days.
- ii) The College library is kept open from 9.15 a.m to 4.25 p.m on examination days and during summer vacation.
- iii) Sports meets of outside agencies are conducted in our College.
- iv) The Schools/Colleges of the neighbouring areas conduct their sports meet in our campus.
- v) The Schools/Colleges of the neighbouring areas use sports facilities of our campus.
- vi) The general public, in large numbers, make use of our track for walking and jogging. They also play games in our campus free of cost.
- vii) The spacious play ground is effectively utilized by the students and by the public both in the morning and evening.
- viii) Special classes for our students are conducted on holidays. Training programmes and coaching classes are also conducted on holidays.
- ix) M.Phil. and Ph.D. research scholars of Physics and Chemistry Departments utilize the College laboratory outside the regular class hours.
- x) Our College is a regular centre for TNPSC (Tamil Nadu Public Service Commission) examinations.

Table 4.5 Details of amount spent for Equipment and Furniture:

Facilities	Year				
	2010-2011	2011-2012	2012-2013	2013-2014	2014-2015
Library	37174.35	71234.00	-	116393.00	129166.00
Sports and games	68995.5	49073.00	143989.00	42235.00	71901.00
Laboratory	657841.3	316006.47	570662.67	465430.24	-
College Bus Maintenance	34,284	1,05,579	3,92,079	4,42,096	7,49,332

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

- The differently abled students have been given freedom to park their tricycle at any convenient place of their choice inside the campus.
- Ramp is provided in the ground floor of all the blocks.
- Separate toilet facilities for differently abled students.
- At the time of University Exams, facilities and support provided to the differently abled students, as per University Norms.

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

- **Hostel Facility** : Nil

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

- A Committee by the name Health Centre functions in the College.
 - The Committee conducts camps, awareness programmes and guest lectures.
 - Manages the Health Room
 - Monitors and ensures sanitation and hygiene inside the campus
 - Health Centre of our College interacts with PHC, Tholoyavattam
 - Receives First aid medicine from PHC, Tholoyavattam
 - When emergency arises student are sent to PHC, Tholoyavattam for first aid.

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

➤ **IQAC**

A separate room is allotted for NAAC steering Committee with internet facility.

➤ **Health Centre**

The College’s Health Centre manages the Health room. Girl students who feel unwell, take rest there. First aid facility is available there. In case of an emergency, students are taken to the Primary Health Centre, Tholayavattam.

➤ **Canteen**

The College has a canteen to the utmost satisfaction of the students and staff members.

➤ **Auditorium**

The College has an auditorium with a carpet area of 7249 sq.ft. with dressing room and toilet facilities.

Safe drinking water facility

• Bore well	:	3
• Overhead tank	:	9
• Drinking water purifier	:	5
• Open well with pumping motor	:	2

4.2 Library as a Learning Resource

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

Yes. The library has an Advisory Committee.

Library Advisory Committee:

In the year(2014- 2015) Library Advisory Committee consists of the Librarian and three faculty members namely Dr. S.R. Brintha (convenor), Associate Professor of Chemistry, Mr. Y .R. Berlin Raja Singh, Associate Professor of Computer Science, Mr.M.Mohanadhas , Associate Professor of Computer Science.

In the year(2015- 2016) Library Advisory Committee consists of Librarian and four faculty members namely Mrs.F.Meena Theresa (convenor), Assistant Professor of English, Mr.Y .R. Berlin Raja Singh, Associate Professor of Computer science, Dr.S.Mary Helen, Assistant Professor of Chemistry and Mrs.G.Jasmine Christabel, Assistant Professor of Computer Science.

Significant initiatives implemented by the Library Advisory Committee:

The Committee meets atleast once in a semester. It makes recommendations to the management to allot the required fund and also suggests to provide new facilities in the library and to subscribe additional titles/ journals.

- The members of the Committee suggested that there should be seating arrangements for users at the basement so that user can refer the bound volumes of journals.
- To have a suggestion box or suggestion register in the library.
- To organize a workshop for the staff and students to facilitate the better usage of the library.

4.2.2 Provide details of the following:

- **Total area of the library (in sq.mts.)**
- **Total seating capacity**

- Working hours (on working days, on holidays, before examination days, during examination days, during vacation)
- Layout of the library (individual reading carrels, lounge area for browsing and relaxed reading, IT zone for accessing e-resources)

➤ Details of existing Library

- Total area of the library (in sq.mts.) : 102.8403 sq.mts.
- Total seating capacity : 64
- Working hours (on working days, on holidays, before examination days, during examination days, during vacation)

On working days : 9.15 a.m. to 4.25 p.m.

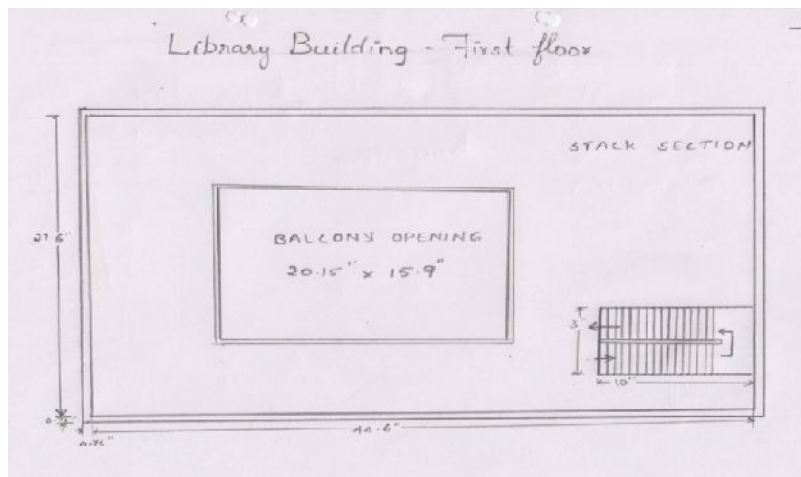
On Saturdays (if it is a holiday) : 9.15 a.m. to 4.25 p.m.

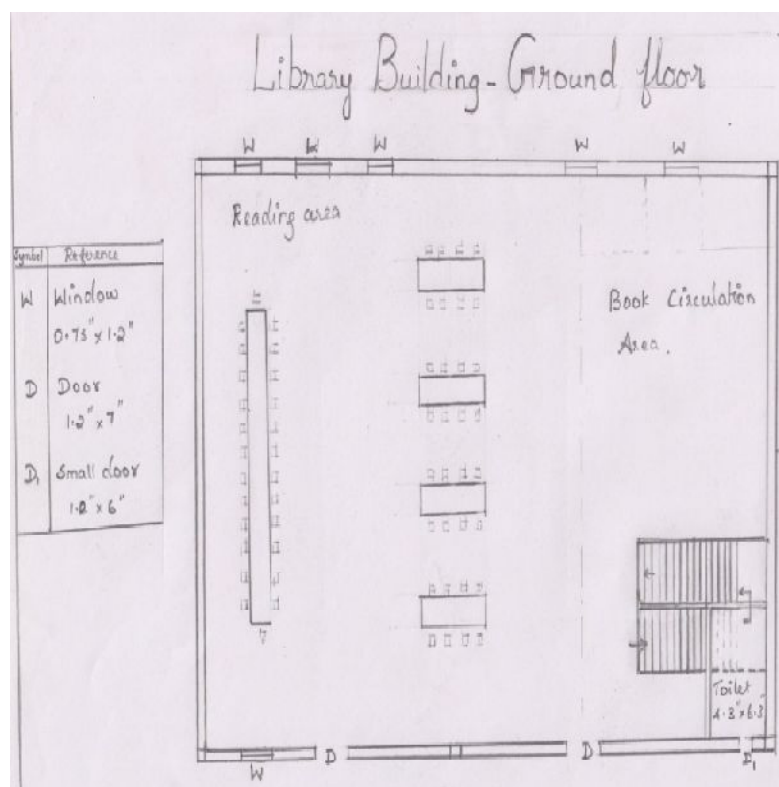
Before examination days, during examination days and during vacation : 9. 15 a.m. to 4.25 p.m.

➤ New Library is under construction

- Total area of the new library (in sq.mts.) : 712 sq.mts.

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





4.2.3 How does the library ensure purchase and use of current titles, print and e-journals and other reading materials? Specify the amount spent on procuring new books, journals and e-resources during the last four years.

➤ **Purchase of reading materials**

- Departments play a key role in the selection of new titles and journals.
- Suggestions from faculty members about purchase of new titles in their subject areas are also collected and considered.
- Purchase of general books is suggested to the Management by the Librarian.

➤ **Amount spent on procuring new books, journals and e-resources**

The details of the amount spent on procuring new books, journals and e-resources are given below:

Table 4.6 The amount spent on procuring new books, journals and e-resources during the last four years

Library holdings	2010-2011		2011-2012		2012-2013		2013-2014		2014-2015		2015-2016	
	No.	Total Cost Rs.	No.	Total Cost Rs.	No.	Total Cost Rs.	No.	Total Cost Rs.	No.	Total Cost Rs.	No.	Total Cost Rs.
Text books	83	18637	464	85802	797	247295	946	180627	986	1,03,228	170	26,386
Reference books	-	-	-	-	-	-	-	-	-	-	-	-
Journals / Periodicals	-	-	-	-	7	10200	10	20449	13	23,900	13	28,300
e-resources (N-LIST)	-	-	-	-	-	-	-	-	-	5,000	-	5,000

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

- OPAC
- Electronic Resource Management package for e-journals
- Federated searching tools to search articles in multiple databases
- Library Website
- In-house / remote access to e-publications
- Library automation
- Total number of computers for public access
- Total number of printers for public access
- Internet band width / speed
- Institutional Repository
- Content management system for e-learning
- Participation in Resources sharing networks / consortia (like INFLIBNET)

➤ **Electronic Resource Management package for e-journals**

The Research students and staff can utilize INFLIBNET facility through internet

➤ **Library Website**

Library does not have a separate website. However, users can have details of the library through the College website.

➤ **In-house / remote access to e-publications**

As library subscribes N-LIST Consortia from INFLIBNET, UGC, users can access e-publications to tune of more than 6000 electronic journals and 97000 e-books.

➤ **Total number of computers for public access**

As of now, the College library has only two computers but students have access to the computers at the Computer Center which has a total number of 34 computers out of which 5 computers are net connected.

➤ **Total number of printers for public access**

- There is a printer cum copier at the Library. Students and faculty have access to it.
- There is a printer in the Department of Physics available for the access of the students of the Department.
- There is a printer at NAAC Steering Committee Office. The faculty have access to it.
- The College Office has four printers. Students and faculty have access to it.

➤ **Internet band width/speed**

4mbps ☒ 10 mbps ☐ 1gb (GB) ☐

➤ **Institutional Repository**

Library regularly collects and files the University Examination questions. It also collects and files news regarding the College activities that are published in the dailies. It has a collection of Department magazines and the College magazines of other Colleges. The academic project works of the students are collected and kept in the library for reference. Newspaper clippings connected with scientific developments are also collected and filed.

➤ **Content management system for e-learning** : Nil

➤ **Participation in Resources sharing networks / consortia (like infibnet)**

The library is a subscriber of N-LIST from INFLIBNET, UGC.

4.2.5 Provide details on the following items

- **Average number of walk-ins**
- **Average number of books issued / returned**
- **Ratio of library books to students enrolled**
- **Average number of books added during last three years**
- **Average number of login to OPAC**
- **Average number of login to e-resources**
- **Average number of e-resources**
- **Downloaded / printed**
- **Number of information literacy trainings organized**
- **Details of “weeding out” of books and other materials**

➤ **Average number of walk-ins for the last six years**

:1918 students per year

➤ **Average number of books issued / returned for the last six years**

: 1129 books per year

➤ **Ratio of library books to students enrolled** : 9.6 : 1

- **Average number of books added during last three years**
: 2254
- **Average number of login to OPAC** : Not Applicable
- **Average number of login to e-resources** : 9 per day
- **Average number of e-resources Downloaded / printed**
: 13 per day
- **Number of information literacy trainings organized** : 1 per year
- **Details of “weeding out” of books and other materials:**
The library follows a procedure to weed out the damaged books at the time of stock verification once in a year. The dailies are disposed off once in two months. The details of ‘weeding out’ are given below:
- **Weeding out of books**

Year	No. of books condemned
2014-2015	154

4.2.6 Give details of the specialized services provided by the library:

- Manuscripts
 - Reference
 - Reprography
 - ILL (Inter Library Loan Service)
 - Information deployment and notification (Information Development and Notification)
 - Download
 - Printing
 - Reading list / Bibliography compilation
 - In-house / remote access to e-resources
 - User Orientation and awareness
 - Assistance in searching databases
 - INFLIBNET / IUC Facilities
- **Manuscripts** : Nil.
 - **Reference**
It has a rich collection of reference materials such as Dictionaries, Encyclopedias, Thesauruses, Yearbooks, etc. Besides, e-resources are also available.
 - **Reprography**
Library has a Xerox - cum - Copier machine.
 - **ILL (Inter Library Loan Service)**
Yes, Inter Library Loan facilities with the nearby Public Library. Two tokens of the Public Library are made available with the Heads of the Departments. Students and faculty of each and every Department can make use of those tokens to avail the service from the Public Library.

➤ **Information deployment and notification**

- All the books, back volumes and periodicals are arranged in a classified order for easy access.
- New Arrivals are displayed in a separate rack.
- Newspaper clippings are displayed in the notice board.

➤ **Download**

Library users can avail downloading facilities in the Library.

➤ **Printing** : one printer cum copier for staff student access

➤ **In-house / remote access to e-resources**

Library subscribes N-LIST consortia.

➤ **User Orientation and awareness**

At the beginning of the academic year, an orientation on the use of library is given to the first year students.

➤ **INFLIBNET / IUC Facilities**

The institution is a subscriber of N-LIST consortia.

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

➤ **Support provided by the Library Staff**

- Students get assistance from the Library Staff in searching books.
- Reprographic services are available to the staff and the students.

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

The Library Staff takes special care to help visually / physically challenged students to avail the library facilities.

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

Yes. The library gets feedback from its users.

Feedback and its analysis

- The library gets feedback from its users in a separate feedback form. These suggestions are discussed with the Library Advisory Committee members and remedial steps are taken.

4.3 IT Infrastructure

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

- Number of computers with Configuration (provide actual number with exact configuration of each available system)
- Computer student ratio
- Stand alone facility
- LAN facility
- Wi-Fi facility
- Licensed software
- Number of nodes / computers with internet facility
- Any other

➤ **Number of computers with Configuration (provide actual number with exact configuration of each available system)**

The details of actual number of computers with exact configuration of each available system are given below:

Table 4.7 B.Sc. List of Computers in Computer Science Lab:

Sl. No.	Configuration	No. of Computers
1.	Lenovo Pentium-4 3.0Ghz,256 MB RAM, 80 GB HDD, CD ROM, IBM Colour Monitor	7
2.	Lenovo Pentium(R)D- 2.80Ghz,512 MB RAM, 80 GB HDD, CD ROM, Lenovo Colour Monitor	18
3.	Dell -Intel Core 2 Due Processor - 2.60Ghz,1 GB RAM, 160 GB HDD, DVD Writer, LCD Monitor	10
4.	Dell -Intel Core 2 Due Processor - 2.60Ghz,1 GB RAM, 160 GB HDD, DVD Writer, CRT Monitor	5
5.	Intel Core i3 Processor - 3.10Ghz,4 GB RAM, 500 GB HDD, DVD Writer, LG 18' LED Monitor	1
6.	Intel Core i3 Processor - 3.30Ghz,4 GB DDR3 RAM, 500 GB HDD, DVD Writer, LG 18' LED Monitor	10

Table 4.8 M.Sc. List of Computers on Computer Science Lab:

Sl. No.	Configuration	No. of Computers
1.	Processor Intel Core i3.3210 3.20 GHZ, Motherboard Intel 61BF, HDD Seagate 500GB SATA, Ram 4GB DDR3, DVD, R/W Samsung SATA, K/M Microsoft Wired, LED Monitor LG 18.5	10
2.	Processor Intel Core i3.3210 3.20 GHZ, Motherboard Intel 61BF, HDD Seagate 500GB SATA, Ram 4GB DDR3, DVD R/W SamsungSATA, K/M Microsoft Wired, LED Monitor LG 18.5	7
3.	Processor Intel Core i3.3210 3.20 GHZ, Motherboard Intel 61BF, HDD Seagate 500GB SATA, Ram 4GB DDR3, DVD R/W SamsungSATA, K/M Mini Optical,LED Monitor LG 18.5	1
4.	Processor Intel Core 2 Duo, 2.93 GHZ, 2GB RAM, 250GB HDD SATA, Microsoft K/M, LG 18.5 LCD Monitor	1
5.	Processor Core 2 Duo 2.93 GHZ,2GB RAM, 250 GB HDD,DVD Writter, Microsoft K/M, LG 18.5“ LCD Monitor	3

Table 4.9 List of Computers Departments other than Computer Science

Sl. No.	Department	Configuration	No. of Computers
1.	Tamil	IBM Pentium 4- 2.80Ghz, 512 MB RAM, 80 GB HDD,CD ROM, IBM 15" Colour Monitor	1
2.	English	IBM Pentium 4- 2.80Ghz, 512 MB RAM, 80 GB HDD,CD ROM, IBM 15" Colour Monitor	1
3.	Mathematics	IBM Pentium 4- 2.80Ghz, 512 MB RAM, 80 GB HDD,CD ROM, IBM 15" Colour Monitor	1
4.	Physics	IBM Pentium 4- 2.80Ghz, 512 MB RAM, 80 GB HDD,CD ROM, IBM 15" Colour Monitor	1
5.	Chemistry	IBM Pentium 4- 2.80Ghz, 512 MB RAM, 80 GB HDD,CD ROM, IBM 15" Colour Monitor	1

6.	Bio-Technology	Dell -Intel Core 2 Duo Processor - 2.60Ghz, 1 GB RAM, 160 GB HDD, DVD Writer, CRT Monitor	1
7.	Commerce	IBM Pentium 4- 2.80Ghz, 512 MB RAM, 80 GB HDD,CD ROM, IBM 15" Colour Monitor	1
8.	Business Administration	IBM Pentium 4- 2.80Ghz, 512 MB RAM, 80 GB HDD,CD ROM, IBM 15" Colour Monitor	1
9.	IQAC/NAAC Steering Committee Office	Intel Core 2 Duo 2.93 GHZ Processor, 2GB RAM, 250 GB HDD SATA, Microsoft K/M, LG 18.5 LCD Monitor	1
		Processor Intel Core 2 Duo, 2.93 GHZ,2GB RAM, 250GB HDD SATA, Microsoft K/M,LG 18.5 LCD Monitor	1
10.	Library	Intel Core 2 Duo Processor - 2.93Ghz 1 GB RAM, 250 GB HDD DVD Writer, LG LCD 18.5" MONITOR	2
11.	Principal's Chamber	Lenovo Pentium(R)D-2.80Ghz,512 MB RAM 80 GB HDD, CD ROM, Lenovo Colour Monitor	1
12.	Correspondent's Chamber	Intel Core 2 Duo 2.93 GHZ Processor, 2GB RAM, 250 GB HDD SATA, Microsoft K/M	1

Table 4.10 List of Computers in Computer Centre:

Sl. No.	Configuration	No. of Computers
1.	Lenovo Pentium-4 3.0Ghz 256 MB RAM, 80 GB HDD CD ROM, IBM Colour Monitor	8
2.	Lenovo Pentium(R)D- 2.80Ghz 512 MB RAM, 80 GB HDD CD ROM, Lenovo Colour Monitor	14
3.	Dell -Intel Core 2 Duo Processor - 2.60Ghz 1 GB RAM, 160 GB HDD, DVD Writer and CRT Monitor	2
4.	Intel Core i7 Processor - 3.40Ghz 8 GB RAM, 500 GB HDD DVD Writer, SAMSUNG18' LED Monitor	1
5.	IBM Pentium 4- 2.80Ghz 512 MB RAM, 80 GB HDD CD ROM, IBM 15" Colour Monitor	3
6.	Lenovo Pentium(R)D- 2.80Ghz 512 MB RAM, 80 GB HDD CPU	6

Table 4.11 List of Computers in College Office Computers:

Sl. No.	Configuration	No. of Computers
1.	Intel Core i7 Processor - 3.40Ghz,8 GB RAM,500 GB HDD DVD Writer, SAMSUNG18' LED Monitor	6
2.	Intel Core i3 Processor - 3.10Ghz,4 GB RAM, 500 GB HDD, DVD Writer, LG 18' LED Monitor	1
3.	Processor Intel Core 2 Duo, 2.93 GHZ,2GB RAM, 250GB HDD SATA, Microsoft K/M,LG 18.5 LCD Monitor	1
4.	LAPTOP: LENOVO Core 2 Duo, 2.93 GHZ,2GB RAM, 250GB HDD	2

➤ **Computer student ratio** : 1:13

➤ **Stand alone facility**

Details of computer with stand alone facility

Departments	No. of Computers
Tamil	1
English	1
Mathematics	1
Physics	1
Chemistry	1
Bio Technology	1
Commerce	1
Business Administration	1
NAAC Room	1
Principal's Chamber	1
Correspondent's Chamber	1

➤ **LAN facility**

- D-Link Gigabite switch – Using cable – Cat 6 D-Link cable
- D Link Dir 342 AC Gigabite Router

➤ **Wi-Fi facility**

- The college has a BSNL ILL 4mbps WiFi connection. We share the connection to all the computer laboratories, office and departments through wireless/ cable.

➤ **Licensed software**

- Windows Server 2012
- Oracle
- Visual Studio
- Turbo C++

- Microsoft Office 2007
- Windows 7
- Microsoft dot net framework 10
- **Number of nodes/ computers with internet facility**
We have 72 computers with internet connection.
- **Any other**
 - **B. Sc. Computer Science Lab**
 1. **Printer**
 - HP Laserjet P2014 : 1
 - TVS 240 Dot matrix- 1 : 1
 2. **Scanner**
 - HP Scanjet 3300c : 1
 3. **Air Conditioner**
 - O General 2 Ton Window AC : 2
 - LG 1.5 Ton Split AC : 2
 4. **UPS**
 - Numeric 5 KVA : 2
 - **M. Sc. Computer Science Lab**
 1. **Router**
 - TP-Link 16 Port Switch : 1
 - 16 port Hub : 2
 2. **Microprocessor** : 1
 3. **Micro Phone** : 2
 4. **Head Phone** : 7
 5. **Speaker Box Set** : 8
 6. **UPS**
 - Numeric 5KVA UPS : 1
 7. **Air Conditioner**
 - 1500W AC : 3
 - **Physics Department**
 1. **Printer**
 - Canon 2900 Laser jet : 1
 - **NAAC Office**
 1. **Printer**
 - HP LASERJET PRINTER 1160 : 1
 - **Computer Center**
 1. **Scanner**
 - HP Scanjet 3300c : 1
 2. **UPS**
 - Numeric 5 KVA UPS : 1
 - **College Office**
 1. **Scanner**
 - Canon lide110 : 2
 2. **UPS**
 - Numeric 3 KVA UPS : 1

3. Printer

Canon LBP 2900b : 2
HP LASER JET 5200 A3 PRINTER : 1
KONICA MINOLTA VIZHUB 215 XEROX: 1

- **College Library**

- 1. Printer**

- KONICA MINOLTA VIZHUB 215 XEROX: 1

- L.C.D Projector : 7

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

- Details of the computer and internet facility made available to the faculty and students on the campus
 - All the Departments
 - Library
 - Computer center
 - U.G and P.G Computer Science Lab
- Other Computer with internet facility on the campus
 - Principal's chamber
 - Secretary's chamber
 - IQAC room
 - College office

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

- The library plans to subscribe additional e-resources.
- The systems are to be upgraded with new configurations.
- It is proposed to have atleast one smart class room for every Department.

4.3.4 Provide details on the provision made in the annual budget for procurement, upgradation, deployment and maintenance of the computers and their accessories in the institution (Year wise for last four years)

The annual budget for the procurement of the Computer Systems and maintenance is given below:

Table 4.12 Year wise Annual Budget for procurement of the Computer Systems and maintenance for last four years

Year	Procurement (Rs.)	Up gradation, development & Maintenance (Rs.)
2009-2010	5,38,036	4,55,290.90
2010-2011	8,76,700	5,60,253.50
2011-2012	94,970	4,24,486.50
2012-2013	9,34,418	4,65,241.00
2013-2014	81,900	7,15,796.00

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

- INFLIBNET facility
- Net Connection to all the Departments
- Orientation programmes for the staff on the use of ICT resources.
- Orientation programmes for the staff on development and use of computer-aided teaching/ learning materials.

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

The teaching and learning process is all about enrichment of students. The College is also aware of the changes that have been taking place around the world in shifting the fulcrum from the teacher to the students. ICT or otherwise, teaching takes place in a classroom for the benefit of the students. There is no denying the fact that ICT enabled classroom keeps the students more engaged to the learning process.

By way of coping with the requirements of the times, our College also has taken the initial steps. Net usage and Power Point Presentations has begun to form part of our teaching and learning process. With the available facility, the teachers make optimum use. The Management takes all possible efforts to improve the availability of ICT facilities in the College.

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

No.

4.4 Maintenance of Campus Facilities

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

- **Buildings**
- **Furniture**
- **Equipment**
- **Computers**
- **Vehicle**
- **Any other**

Table 4.13 Funds allotted for maintenance and up-keeping of available facilities

Head of the Account	Amount utilised				
	2010-2011 (Rs.)	2011-2012 (Rs.)	2012-2013 (Rs.)	2013-2014 (Rs.)	2014-2015 (Rs.)
Buildings	11,90,530	1,47,537	36,10,758	51,54,513	5,47,213
Furniture	2,32,155	58,690	37,800	6,89,560	2,16,200
Equipment	3,89,037	5,96,936	4,99,061	3,59,433	2,16,038
Computers	2,25,500	4,24,486.50	4,65,241.00	4,38,300	1,02,400
Bus	-	14,79,284	15,66,887	-	14,61,000
Sports & Games	68,995.50	49,073.00	1,43,989.00	42,235.00	71,901.00
Other	1,11,705	71,515	15,100	1,94,420	2,21,667

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

- Minor repair work and renovation of building that includes electrical fitting, pumping, masonry and carpentry works are undertaken every year during summer vacation.
- White washing, painting is undertaken once in five years.
- Black boards are painted every year.
- Vehicle maintenance is done in servicing station and mechanical work shop once in two months.
- Three qualified computer lab technicians take care of all computer terminals in campus. In case the system requires service and replacement of accessories qualified Computer service personnel are called for repairing.
- A maintenance register is kept at the College office, under the custody of Office Superintendent. Maintenance of routine nature is made entry in the register. As per the register, maintenance is

carried out either by the technicians of the College or from technicians outside. Large scale maintenance is carried out by getting written permission from the Management.

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

We have work arrangements with local service providers or the dealers to service lab equipment and other instruments, whenever there is a need.

- Numeric, Nagercoil undertakes the maintenance of UPS on AMC basis
- Computer software related works are carried out by technicians available in the College.
- Works related with the generators are carried out by Expert Service Engineers of the Dealers / Local Service Providers.
- Maintenance of transport vehicles at regular intervals.

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

- All equipment are voltage stabilizer-protected.
- Fire extinguishers are in place.
- Constant supply of water is ensured in all the blocks.

Any other relevant information regarding Infrastructure and Learning Resources which the College would like to include.

CRITERION V

STUDENT SUPPORT AND PROGRESSION

5.1 Student Mentoring and Support

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

Yes. The College publishes its updated prospectus and handbook annually. The prospectus and handbook provide the following information to the students.

Information provided in the hand book

- A brief history of the College.
- College Motto, Vision and Mission
- College Administration.
- Year of Commencement of Courses.
- Scholarships, Fees Concession, Awards and Endowments.
- Special Features, Facilities and Activities.
- Academic Details.
- College Rules and Regulations.
- Committees constituted for the Academic year.
- Academic Calendar.
- Curriculum.

Information provided in the prospectus

- A brief history of the College and its objectives.
- College Motto, Vision and Mission
- Courses and fee details
- Salient features of the College
- Procedures for admission

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

➤ Institutional Financial Aid to Students

1. Friends of Kottar
2. Student's Welfare Fund

Table 5.1 Details of institutional scholarships

YEAR	FRIENDS OF KOTTAR		STUDENT WELFARE FUND	
	No. of Student's	Amount (Rs.)	No. of Student's	Amount (Rs.)
2011-2012	208	7,72,860.00	-	-
2012-2013	137	7,07,500.00	-	-
2013-2014	210	8,36,000.00	7	51,788
2014-2015	200	8,41,500.00	21	93,175
2015-2016	228	8,39,000.00	18	87,100

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

The College Administrative Office forwards applications of eligible students and takes care of the disbursement of Scholarship to students.

Table 5.2 Details of Central Government Scholarship

YEAR	POST MATRIC SCHOLARSHIP DETAILS	
	No. of students	Amount (Rs.)
2011-2012	165	4,97,700
2012-2013	162	9,86,300
2013-2014	346	20,74,800
2014-2015	438	26,25,300

Table 5.3 Details of State Government Scholarship

YEAR	Beedi Workers scholarship		Tamil Nadu Educational Trust		SC/ST scholarship	
	No. of students	Amount (Rs.)	No. of students	Amount (Rs.)	No. of students	Amount (Rs.)
2011-2012	16	48000	20	92500	-	-
2012-2013	4	12000	13	52000	17	96,730
2013-2014	Nil	Nil	9	41500	23	76,800
2014-2015	Nil	Nil	8	42500	19	1,22,550
2015-2016	Nil	Nil	5	31500	14	Yet to receive

➤ **Scholarship details in percentage**

Table 5.4 Percentage wise details of Central Government Scholarship

Scholarship details	2010-2011	2011-2012	2012-2013	2013-2014	2014-2015
Post metric Scholarship	3.49 %	15.1 %	10.1 %	23 %	26 %

Table 5.5 Percentage wise details of State Government Scholarship

Scholarship details	2010-2011	2011-2012	2012-2013	2013-2014	2014-2015
• Beedi Workers scholarship • Farmers scholarship • Tamil Nadu Educational Trust • SC/ST scholarship	3.41 %	5.03 %	2.30 %	1 %	2 %

5.1.4 What are the specific support services/facilities available for

- **Students from SC/ST, OBC and economically weaker sections**
- **Physically challenged/differently abled students**
- **Overseas students**
- **Students to participate in various competitions/National and International**
- **Medical assistance to students: health centre, health insurance**
- **Organizing coaching classes for competitive exams**
- **Skill development (spoken English, computer literacy, etc.,)**
- **Support for ‘slow learners’**
- **Exposures of students to other institution of higher learning /corporate /business house etc.**
- **Publication of student magazines**
- **Any other**

➤ **Students from SC/ST, OBC and economically weaker sections**

- Government scholarship is available for all students from SC/ST and OBC.
- The SC/ST Cell identifies the students and they guide them to apply for the Scholarship.

- The SC/ST cell conducts awareness programmes on the opportunities available to the SC/ST students in higher education and employment.
- **Physically challenged/differently abled students**
 - There are ramps and separate toilets for their use. They have peers to take care of them, escort them to their classes and help them in their studies. College takes special efforts to enable physically challenged students to secure scholarships offered by government agencies.
 - So far the College had the opportunity to serve a lone visually challenged student. She was provided with the lessons in audio records. She was provided with the facility of scribes from the College during University examinations.
- **Overseas students**
 - Presently there are no overseas students in our College.
- **Students to participate in various competitions/National and International**
 - Students are encouraged to participate in various competitions conducted by various agencies. Students are motivated to participate in cultural and sports in University, State level and National level events. Deserving students are selected and deputed to participate in those competitions. Guidance is given at all stages from filling up applications, collecting information, data and training them for the competitions. Free attendance is given to them. Travelling expenses are provided from the College.
- **Medical assistance to students: health centre, health insurance**
 - The College has special concern for the health and hygiene of the students. The College has a Health Room with a first aid kit. The students who fall ill are given immediate medical treatment in the nearby Public Health Centre.
 - Health awareness programmes such as Cancer Awareness Programme, Thyroid Awareness Programme and Awareness on Naturopathy Medicine were organized.
 - RRC organizes blood group identification drive for all first year students.
 - Apollo 10% discounts cards are distributed for the staff and students for getting medicines at reduced rates.
 - Thyroid Testing Camp in association with DDRC SRL Diagnostic service, Marthandam was organized.
 - Poster making competition on 'Save Heart' was conducted.

- **Organizing coaching classes for competitive exams**
 - Coaching classes for TNPSC and Banking Services examinations are being conducted.
 - Hindi classes are being conducted to improve the opportunity in getting central government jobs.
- **Skill development (spoken English, computer literacy, etc.,)**
 - Bridge course for freshers is conducted for a week to refresh their knowledge in English.
 - Certificate Course in Spoken English is conducted for improving the spoken English skills of the students.
 - Computer literacy classes are arranged for the students to learn the basics of computer language. Computer related Certificate courses are offered.
 - Narration of moral stories, speech by students, pronunciation practice, recitation of poems, skit, mime and literary quiz are encouraged among the students through English and Mother Tongue Cell. Guest lectures are also arranged by Mother Tongue Cell.
 - The College also invites Guest speakers from the industry which provides regional and global employment opportunities for the students.
 - Placement Cell frequently organizes programmes on career guidance and employment.
- **Support for 'slow learners'**
 - All the Departments provide remedial classes and peer learning which help the slow learners to cope with their academic needs.
 - Simplified study material is provided to the slow learners.
 - If students are absent for a long period then their parents are contacted and corrective measures taken.
 - Students who have backlogs of previous semesters are encouraged to attend remedial classes held after class hours.
 - Advanced learners help them with the difficult unit. Frequent tests are conducted to improve their learning.
 - The class in-charges and faculty members keep constant touch with slow learners and encourage and motivate them to do well in examinations.
- **Exposures of students to other institution of higher learning/ corporate/ business house etc.**
 - All the Departments arrange Industrial visits for the students to gain additional knowledge in the subjects they learn. Industrial visits invariably include industries, research institutes, research laboratories and places of subject importance. The Departments depute the students to conference, seminars, workshops and cultural fests organized by other institutions. Students are also

taken to Book Exhibition and Science Exhibition conducted at other institutions.

➤ **Publication of student magazines**

- College Magazine is published every academic year end and the Students contribute articles in English, Tamil and Malayalam to the College Magazine.
- ‘Annai mozhi’ an exclusive Tamil monthly magazine released by Tamil literary club for students to express their creativity in the language.
- The Department of English publishes bi-annual magazine ‘SEEK’ for which students make contributions.
- G. M. Adlin Joe of BA. English student published novel, Titled - ZIFHONO FNO AND the Release of the fairies. A fantasy upon Noland (ISBN: 978-1-4969-7683-3) on March 2014
- An annual magazine ‘CHEM PEARL- 2015’ was published by Department of Chemistry.
- Department of Mathematics, Tamil and Business Administration published annual magazines.
- Students also display wall magazines in their respective class room.

➤ **Any other**

- Students are assisted in getting Passport, Two Wheeler/ Four Wheeler License and Voters ID etc.
- To improve the reading habit of students ‘The Hindu’ News paper is provided at low cost to every student.
- To develop the presentation and the creativity skills of the students a broadcasting programme called ‘Campus Radio’ is run during the lunch break.
- All India Radio officials Dr.M.Thankavel the Announcer and Miss.M.S.Asha, the Programme executive visited our campus and conducted a live program “Valagaththin Vasal” and it was broad coasted live from Annai Velankanni College on 3rd January 2016 from 10.00 a.m. to 11.00 a.m. In that program 10 of our students participated and the theme of the programme was Protection of Environment.

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

- Human Resources and Motivation Cell organises Entrepreneurial skills development and motivational programmes.

- SIYB, a global standard ILO (International Labour Organisation) trademark entrepreneurial training programme was conducted for one week during 2014-2015.
- The training programmes and certificate courses like Tailoring, Arts and Crafts, Beautician, DTP and Tally are conducted which gives them chances for self employment though in a small way.

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

- The students participate in extracurricular and co-curricular activities such as sports, games, Quiz competitions, debate and discussions and cultural activities. The students who participate in these competitions are provided flexibility in the internal examinations. They are provided extra time to study and appear for the internal tests on a later date. The winners of the various competitions are honoured by announcing their achievements through public address system. The winners also have photo session with the Principal/ Correspondent.

5.1.7 Enumerating on the support and guidance provided to the students in preparing for the competitive exams, give details on the number of students appeared and qualified in various competitive exams such as UGC-CSIR- NET, UGC-NET, SLET, ATE/ CAT/ GRE/ TOFEL/ GMAT/ Central/ State services, Defence, Civil Services, etc.

- The Placement Cell of the College organizes coaching classes for Bank exams and TNPSC exams.

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

➤ **Academic Counselling**

The Class in-charges maintain a profile of their students, which includes the personal and academic information of the students. This helps the Class in-charges to gauge the strengths and weaknesses of the students and to arrange necessary help. The Class in-charges, the faculty members and the respective Heads provide academic counselling to the students who are in need of support and assistance. Remedial classes are arranged for slow learners.

➤ **Personal Counselling**

The Class in-charges personally interact with the students and take care of the student's academic and personal problems. The Class

in-charges closely monitor the growth, progress and behaviour of the students. The class in-charges, respective Heads and the counselling Cell provide personal counseling, if required

➤ **Career Counselling**

Career counselling is provided to the students by the Placement Cell. In addition, the Departments also provide subject-specific career guidance to the final year students.

➤ **Psycho-social Counselling**

The College has a Counselling Cell with staff representation from all the Departments. Special training is given to the members of the Counselling Cell. This Cell takes care of psycho-social aspect of the counselling. Students, who are in need of the assistance of the Counselling Cell, are directed to the Cell by the Principal/Heads/Class in-Charges. Based on need, the Cell seeks the support of the College Counsellor.

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

Yes, we have a Placement Cell which organizes awareness/ orientation programmes on higher studies and employment opportunities.

- Conducts campus interviews in our College.
- Convener of the Placement Cell sends timely intimations to the present students and alumni about the walk-in interviews, campus interviews, job fairs and placement drives conducted in the College and other places.

List of 5.6 List of the students Placement Details during the last for years

Sl.No.	Year	Employer	No of students placed
On Campus placement			
1.	2013-2014	Muthoot Finance Pvt. Ltd., Karungal	Nil
2.	2013-2014	R.P Telebuy Skybase(P) Ltd, Chennai	9
3.	2015-2016	TVS Training & Service Chennai	7

4.	2015-2016	AKT Academy Matric higher Secondary School Kallakurichi,Salem	13
5.	2015-2016	Muthoot Finance Pvt. Ltd., Karungal	13 students attended interview. Awaiting results
Off Campus Placement			
6.	2013-2014	Aqua water Services, Chennai,	1
7.	2014-2015	Vee Technologies Chennai	9
8.	2014-2015	ABI Educational and Charitable Trust – Job Mela at Nesamony Memorial Christian College, Martandam	5
9.	2014-2015	Shriram Life Insurance– Job Mela at Nesamony Memorial Christian College, Martandam	15

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

Yes. The College has a Grievance Redressal Cell comprising senior staff members to address the grievances of students. The Cell provides support to solve the problems of the students at various levels. The students can also represent their problems, if any, to the Principal through the students' council. They also have the freedom to approach any member of the staff of their Department in order to redress their grievances. If the Department cannot solve it, HOD can bring it to the notice of the Principal for suitable action. The Principal in consultation with the concerned HODs solves the problems amicably.

Table 5.7 List of Grievance reported and redressed

Year	Grievance	Redressal
2011-2012	Xerox facilities in the campus	Provided in Library and office
2011-2012	Uniform colour can be changed	Changed for PG students
2012-2013	Provide College Bus for more destinations	Redressed

2013-2014	Uniform can be introduced for Pre –Doctoral courses	Redressed
2014-2015	A stationery shop to be opened inside the campus	Stationery shop is opened near the canteen
2014-2015	Additional toilet facilities can be made	Redressed
2015-2016	Boys Waiting shed	New boys shed has been constructed
2015-2016	Spacious Two wheeler shed can be made	Redressed through the Alumini
2015-2016	Mirror and drinking water facility can be made in boys waiting shed	Redressed

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

The College is a co-educational one. The girl students account for more than three fourth of the students' strength. Though the strength of the girl students disproportionally higher, because of the strict vigil inside the campus by the Discipline Committee, complaints connected with sexual harassment of women is very low. Whenever the issues pertaining to sexual harassment arise, the Principal initiates action on the basis of the recommendations of the Staff Council and then the Discipline Committee. Women's Sexual Harassment Redressal Cell is established in the year 2014-2015. The Committee organises awareness programmes for the women students on issues of sexual harassment.

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

Yes. Our College has an Anti-ragging Committee consisting of four staff members. No instance was so far reported during the last four years/ or earlier. Anti-ragging Committee is established in the year 2014-2015. The email id: avcantiragging@gmail.com and the mobile number of the Anti-ragging Committee convener Dr. J. Johnson (Cell No. 9443412218) is printed in the Handbook.

This part of our country is not afflicted with this problem. Also strict vigil is maintained by the Discipline Committee inside the campus. So complaints of this nature are nil.

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

- Endowment and Proficiency awards are given to the class toppers.
- Financial support from Management and student Welfare Fund for the needy students.
- Extended fee payment within the year under student's request.
- Students are assisted in getting Passport, Two Wheeler/ Four Wheeler License etc.
- To improve the reading habit of students and to develop vocabulary and current affairs 'The Hindu' News paper is provided at low cost to every student.
- Opening of bank accounts in the name of the students.
- Students were assisted to acquire bank loans.
- Parents Teachers Association meetings are conducted once in a semester to build rapport between the teachers and parents for the betterment of their wards and welfare of College.
- Staff members are offering tuition fees and University exam fees to the economically weaker students in deserving cases.

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

Yes. Alumni association conducts meetings regularly every year.
Registration Number – Tamil Nadu Act 27 of 1975 – Sl. No. : 34/ 2015
received on 07.09.2015.

Current Office Bearers

- Mr. Y. D. Chandran - President
- Mr. A. Bellarmin Jose - Vice President
- Mr. M. S. Clement Premakumar - Secretary
- Mr. P. Ravichandran - Joint Secretary
- Mrs. V. Usha - Treasurer
- Mr. R. Ramesh Kumar - Executive committee member
- Mr.D.Sebarin - Executive committee member
- Mr. G.Vincent Raj - Executive committee member
- Mr. M. Mohana Dhas - Executive committee member
- Mr. T. Vijaya Kumar - Executive committee member

Table 5.8 List of Alumini contributions to the College

Sl.No.	Academic Year	Date	Sponsors from Alumni
1.	2009-2010	02.03.2010	Gift (2-Clock) presented by Alumni during College day.
2.	2012-2013	27.12.2012	Mr. Irene Regi (Alumnus) contributed endowment award Rs.12,000.

3.	2012-2013	27.12.2012	Alumni of Department of Physics contributed books ,amounted to Rs.100000.
4.	2012-2013	28.12.2012	Alumni of Department of Physics sponsored 2 Lakh Rupees for Purchase of P.G Books.
5.	2013-2014	07.02.2014	Mr. D. Sivanathan of Department of Physics Alumnus donated Rs. 1,00,000 to establish 'Poor Students Educational Fund' in the name of his father Mr. P. Dhasian.
6.	2014-2015	06.03.2015	Alumnus Mr. D. Sivanathan donated a Sewing Machine for the conduct of Tailoring course.
7.	2014-2015	06.03.2015	Alumnus Dr. R. Joseph Manoj contributed 2 Sewing Machines.
8.	2015-2016	12.02.2016	Alumnus Mr.Jeen donated Rs.10,000 for two wheeler Vehicle shed.
		17.02.2016	Alumnus Mr. Bellarmin Jose donated Rs.50, 000 for Two Wheeler Vehicle Shed.
		17.02.2016	Alumnus Mr. Chandran donated Rs.10, 000 for Two Wheeler Vehicle Shed.
		17.02.2016	Alumnus Mr. Sahaya Jose donated Rs.10, 000 for Two Wheeler Vehicle Shed.
		17.02.2016	Alumnus Mr. Samely donated Rs.10, 000 for Two Wheeler Vehicle Shed.
		17.02.2016	Alumnus Mr. Roose Wealth donated Rs.10, 000 for Two Wheeler Vehicle Shed.
		17.02.2016	Alumnus Mr. Wilson donated Rs.5, 000 for Two Wheeler Vehicle Shed.
		17.02.2016	Alumnus Mr. Stephen donated Rs.2, 000 for Two Wheeler Vehicle Shed.
		18.02.2016	Alumnus Mr.Y. Y.Suresh Kumar of Physics donated Rs.1, 00,000 for Two Wheeler Vehicle shed.

5.2 Student Progression

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

Table 5.9 Percentage of students progressing to higher education or employment:

Student Progression	Percentage (%)				
	2010-2011	2011-2012	2012-2013	2013-2014	2014-2015
UG to PG	41%	29%	16%	26%	27%
UG to B. Ed.	30%	41%	58%	53%	47%
Professional Course	-	8%	7%	4%	8%
PG to M.Phil.	13%	19%	26%	28%	32%
PG to B.Ed.	15%	12%	7%	18%	11%
PG to Ph.D.	2%	2%	-	-	-
Employed	22%	18%	19%	17%	23%
Others	19%	17%	16%	17%	18%

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

Programme – wise Result Analysis for the last four years are given below. The results of our college are compared with that of Nesamony Memorial Christian College (NMCC), Marthandam.

Table 5.10 Result Analysis AVC and NMCC for the year 2011-2012

Programmes	2011-2012 (AVC)			2011-2012 (NMCC)		
	No. of Appeared	No. of Passed	Pass Percentage (%)	No. Appeared	No. Passed	Pass Percentage (%)
B.A. English	64	36	56	61	32	52
B.Com.	57	9	16	56	56	100
B.Sc. Mathematics	49	49	100	53	31	58
B.Sc. Physics	43	29	67	30	23	77
B.Sc. Chemistry	35	25	71	16	11	69

B.Sc. Computer Science	44	44	100	33	31	94
B.Sc. Bio-Technology	12	11	92	-	-	-
B.B.A.	47	34	72	59	44	75
M.A. English	23	15	65	25	11	44
M.Com. with computer Application	22	16	73	22	4	18
M.Sc. Mathematics	21	9	43	15	2	13
M.Sc. Chemistry	24	7	29	-	-	-
M.Sc. Bio-Technology	12	12	100	-	-	-

Table 5.11 Result Analysis AVC and NMCC for the year 2012-2013

Programmes	2012-2013 (AVC)			2012-2013 (NMCC)		
	No. of Appeared	No. of Passed	Pass Percentage (%)	No. of Appeared	No. of Passed	Pass Percentage (%)
B.A. English	68	34	50	67	49	73.13
B.Com.	49	16	33	53	14	26.42
B.Sc. Mathematics	44	31	70	55	37	67.27
B.Sc. Physics	48	24	50	45	26	57.78
B.Sc. Chemistry	47	27	57	38	27	71.05
B.Sc. Computer Science	41	32	78	43	23	53.49
B.Sc. Bio-Technology	6	6	100	-	-	-
B.B.A.	58	26	45	42	11	26.19
M.A. Tamil	-	-	-	13	13	100
M.A. English	22	15	68	29	28	96.55
M.Com. with computer Application	22	18	82	-	-	-
M.Sc. Mathematics	23	18	78	24	19	79.17
M.Sc. Physics	18	11	61	23	9	39.13
M.Sc. Chemistry	25	3	12	23	6	26.09
M.Sc. Bio-Technology	20	19	95	-	-	-

Table 5.12 Result Analysis AVC and NMCC for the year 2013-2014

Programmes	2013-2014 (AVC)			2013-2014 (NMCC)		
	No. Appeared	No. Passed	Pass Percentage (%)	No. of Appeared	No. of Passed	Pass Percentage (%)
B.A. English	69	64	93	68	55	80.88
B.Com.	51	17	33	55	12	21.82
B.Sc. Mathematics	56	41	73	50	36	72
B.Sc. Physics	45	23	51	45	26	57.78
B.Sc. Chemistry	41	29	71	45	30	66.67
B.Sc. Computer Science	40	32	80	47	29	61.70
B.Sc. Bio-Technology	9	9	100	-	-	-
B.B.A.	58	34	59	45	33	73.33
M.A. English	24	24	100	30	28	93.33
M.Com. with computer Application	23	19	83	-	-	-
M.Sc. Mathematics	24	22	92	24	15	62.5
M.Sc. Physics	25	9	36	22	11	50
M.Sc. Chemistry	25	11	44	25	1	4
M.Sc. Bio-Technology	13	13	100	-	-	-
M.Phil Commerce	10	7	70	14	13	92.86

Table 5.13 Result Analysis AVC and NMCC for the year 2014-2015

Programmes	2014-2015 (AVC)			2014-2015 (NMCC)		
	No. Appeared	No. Passed	Pass Percentage (%)	No. Appeared	No. Passed	Pass Percentage (%)
B.A. English	61	34	56	61	57	93.44
B.Com.	49	13	27	62	24	38.71
B.Sc. Mathematics	48	32	67	48	44	91.67
B.Sc. Physics	47	32	68	45	31	68.89
B.Sc. Chemistry	45	27	60	47	38	80.85
B.Sc. Computer Science	43	33	77	44	30	68.18

B.Sc. Bio-Technology	9	5	56	-	-	-
B.B.A.	54	29	54	63	41	65.08
M.A. English	25	17	68	30	22	73.33
M.Sc. Mathematics	25	23	92	24	23	95.83
M.Sc. Physics	25	10	40	25	8	32
M.Sc. Chemistry	25	13	52	24	7	29.17
M.Sc. Computer Science	19	19	100	25	25	100
M.Sc. Bio-Technology	15	13	87	-	-	-
M.Phil Commerce	7	6	86	15	13	86.67
M.Phil. Mathematics	10	10	100	15	14	93.33
M.Phil. Physics	5	5	100	11	8	72.72
M.Phil. Chemistry	10	7	70	6	5	83.33
M. Com.	12	7	58	20	16	80

Table 5.14 List of University Rank Holders (Manonmaniam Sundaranar University)

Sl. No.	Academic Year	Name	Department	Rank
1990-1991				
1.	Apr. 1990	Yesudhas M	B. A Economics	XV Rank
1993-1994				
2.	1992-1993	Benla K	B. Sc. Mathematics	XVIII Rank
1994-1995				
3.	1993-1994	Lawerence Y	B. Sc. Chemistry	XVI Rank
1995-1996				
4.	1994-1995	Mary Charlet	B. Sc. Chemistry	XVII Rank
1996-1997				
5.	Apr. 1996	Y. Sandhya	M.Sc. Chemistry	I Rank
6.	Apr. 1996	Sree Vidhya M.B.	M.Sc. Chemistry	II Rank
7.	Apr. 1996	G. Helan Mary	M.Sc. Chemistry	X Rank
8.	Apr. 1996	M. Frederic Moni	M.Sc. Computer Science	XVII Rank
1997-1998				
9.	Apr. 1997	V. Usha	M.Sc. Chemistry	III Rank
10.	Apr. 1997	Jai Selvi	M.Sc. Chemistry	VI Rank
11.	Apr. 1997	S. R. Anitha	B. Sc. Chemistry	XIII Rank

1998-1999				
12.	Apr. 1998	Mary Anitha Y	M.Sc. Chemistry	IV Rank
13.	Apr. 1998	Geetha M. V.	B. Sc. Physics	IV Rank
1999-2000				
14.	Apr. 1999	T. F. A. Ben Raj	M. Sc. Chemistry	I Rank
15.	Apr. 1999	S. R. Anitha	M. Sc. Chemistry	V Rank
2000-2011				
16.	Apr. 2000	Irin Sheela C	M. Sc. Chemistry	III Rank
17.	Apr. 2000	Sharmila T. M.	M. Sc. Chemistry	V Rank
18.	Apr. 2000	Nija Julian	M. Sc. Chemistry	X Rank
19.	Apr. 2002	Sr. L. Nazeeba Begum	B. A. Economics	IX Rank
20.	Apr. 2002	Rajesh Kumar N	B. A. Economics	XII Rank
21.	Apr. 2002	Christlin Parimala Pushpam S. A	B. A. Economics	XVIII Rank
22.	Apr. 2003	Sr. D. Marukiruthal	B. Sc. Chemistry	Part II English-XVIII Rank
23.	Apr. 2004	T. J. Sumitha	M. Sc. Chemistry	VII Rank
24.	Apr. 2004	Anita J	B. Com.	XVIII Rank
25.	Apr. 2008	Shanthi I	M. C. A.	IX Rank
26.	Apr. 2009	Jeba Sujila C	M. Com.	III Rank
27.	Apr. 2009	Abisha Meji M	M. C. A.	X Rank
28.	Apr. 2010	Sujin G	M. Com.	I Rank
29.	Apr. 2010	Ashlyn Blessy M	M. A. English	II Rank
30.	Apr. 2010	Vidhya J. P.	M. A. English	VII Rank
31.	Apr. 2011	Vinitha T. R.	M. Com. With CA	V Rank
32.	Apr. 2011	Magdhaline M	B. Sc. Bio Technology	II Rank
2012-2013				
33.	2012-2013	Fr. Gino Mathew	M.A. English	I Rank
34.	2012-2013	Anuja Raj R. S.	M.C.A.	III Rank
35.	2012-2013	Usha X	M. Com with CA	III Rank
36.	2012-2013	Rexilin Vinola	M. C. A.	V Rank
37.	2012-2013	Divya V	M. Com with CA	V Rank
38.	2012-2013	Abirami R	Mathematics	Part II English-VI Rank
39.	2012-2013	Ramya John	M. Sc. Chemistry	IX Rank
40.	2012-2013	Manibha M. P.	M. A. English	X Rank
41.	2012-2013	Ancy Milrad A	B. Sc. Chemistry	XX Rank
2013-2014				
42.	2012-2013	Lisy L	B. Sc. Chemistry	II Rank

43.	2012-2013	Angela Lincy S.L.	M. Sc. Physics	II Rank
44.	2012-2013	Magdalane M	M. Sc. Bio Technology	IV Rank
45.	2012-2013	Saranya N. R.	B. Sc. Computer Science	VI Rank
46.	2012-2013	Gayathri R. G.	M. Sc. Bio Technology	VIII Rank
47.	2012-2013	Sajitha R	M. C. A.	IX Rank
48.	2012-2013	Shalini L	B. Sc. Physics	X Rank
49.	2012-2013	Sindhu P	B. A. English	Part I Tamil-XVI Rank
50.	2012-2013	Sabitha M	B. Sc. Computer Science	XIX Rank
2014-2015				
51.	2013-2014	Adlin Joe G. M.	B. A. English	Part II English-I Rank
52.	2013-2014	Adlin Joe G. M.	B. A. English	V Rank
53.	2013-2014	Anbu Moni A	M. Sc. Physics	IV Rank
54.	2013-2014	Rajila Devi C. B.	M. Sc. Bio Technology	VI Rank
55.	2013-2014	Jincy Mol M	M. Sc. Bio Technology	VI Rank
56.	2013-2014	Lija J. M.	M.Com with CA	VII Rank
57.	2013-2014	Sarji P	M.Com with CA	VIII Rank
58.	2013-2014	Pamitha P	B. Sc. Chemistry	XIII Rank
59.	2013-2014	Abisha P	B. Sc. Computer Science	XV Rank
60.	2013-2014	Sinthu V. V.	B. Sc. Computer Science	XVII Rank
61.	2013-2014	Ramya S	B. B. A.	XX Rank
2015-2016				
62.	2014-2015	Lisy L	M. Sc. Chemistry	I Rank
63.	2014-2015	Subitha Kumari G	M. Sc. Bio-Technology	III Rank
64.	2014-2015	Saranya N R	M. Sc. Computer Science	III Rank
65.	2014-2015	Kavitha A	M. C. A	V Rank
66.	2014-2015	Pradeepa S	B. B. A.	VIII Rank
67.	2014-2015	Jini J	B. Sc. Computer Science	X Rank
68.	2014-2015	Angelin Staney S	B. Sc. Chemistry	XIII Rank
69.	2014-2015	Geetha Mol A	B. B. A.	XIV Rank

Note: Yesudhas M obtained XV Rank in the B.A. (Economics) Degree Examinations of Madurai Kamaraj University to which the College was affiliated during 1987-1992.

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

- Our College introduced relevant Post Graduate courses in order to facilitate the students to take up their higher studies.
- M.Phil Programmes are also introduced in the Departments of Commerce, Physics, Chemistry, Mathematics and Tamil.
- The Placement Cell organizes campus interviews and career guidance programs.
- Our Placement Cell conducts coaching classes for competitive exams like TNPSC and Banking Services. These guide the students towards higher learning and employment considerably.

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

- Remedial classes for slow learners.
- Bridge course for all the first year students at the beginning of the academic year.
- Providing all possible assistance for the students to avail Government Scholarships.
- Financial support is also provided for the economically poor students by the Students Welfare Fund and Management.
- Providing financial support by the faculties to pay tuition fees and exam fees etc.
- Extended fee payment facility within the semester/Year.
- Transport from interior rural areas.
- Whenever the problems of the students are identified through the Class in-charges, they are properly addressed.

5.3 Student Participation and Activities

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

The College conducts a wide range of sports and games, cultural and extra-curricular activities to the students.

Games

Indoor Games

Badminton and Chess.

Outdoor Games

Kho Kho, Volleyball, Football, Kabaddi, Basket ball and Cricket.

Track Events

100 Mts Run, 200 Mts Run, 400 Mts Run, 800 Mts Run, 1500 Mts Run, 5000 Mts Run, 10000 Mts Run, 4 X 100 Mts Relay and 4 X 400 Mts Relay.

Field Events

Long Jump, High Jump, Triple Jump and Shot Put.

Cultural events:

Essay Writing (Tamil and English,), Verse writing (Tamil and English), Drawing, Elocution (Tamil and English), Flower arrangement, Art from Waste, Singing (Group, Solo, Karnatic, Western, Karoke, Light Music), Fancy Dress, Dance (Group, Solo, Western, Bharathanatiam, Folk), Mime.

Table 5.15 List of Sports Achievements for the last four years:

Sl. No.	Year/ Date	Student Name/ Sports Name	Organizing College/ Club	No. of Participants	Place
2011-2012					
1.	2011-2012	J. Jansi Rani of III B. Sc. Physics	Mini Marathan, conducted by N.V.K.S.S, Attoor	1	I Prize
2.	2011-2012	S. Linsy of I B.Sc. Chemistry	Mini Marathan conducted by N.V.K.S.S, Attoor	1	I Prize
3.	2011-2012	D. Ezil Devan of II B. Com.	District Sports Authority, Nagercoil	1	II Prize
4.	2011-2012	Shine Raj, N. Mony of III B.Sc. Computer Science	Long Jump - Block Level Sports, Sports Development Authority of Tamil Nadu	1	II Prize
5.	2011-2012	Mr. A. Dinesh of III B. Sc. Computer Science	4*100 mts. running- Block Level Sports by Sports Development Authority of Tamil Nadu	1	III Prize

2012-2013					
6.	2012-2013	Chess	Lekshmipuram College of Arts & Science, Neyyoor	5	Participated
7.	2012-2013	Volleyball	Annai velankanni College, Tholayavattam	12	Participated
8.	2012-2013	Cricket	Lekshmipuram College of Arts & Science, Neyyoor	15	Participated
9.	2012-2013	Kabbadi	TDMNS, Kallikulam	12	Participated
10.	2012-2013	Athletics	NMCC, Marthandam	7	Participated
11.	2012-2013	Relay (4 x100)	NMCC, Marthandam	4	Bronze Medal
12.	2012-2013	Relay (4 x400)	NMCC, Marthandam	4	Bronze Medal
2013-2014					
13.	05.10.2013	Chess	Scott Christian College, Nagercoil	5	Participated
14.	2013-2014	Athletics	Thiruvalluvar College, Papanasam	6	Participated
2014-2015					
15.	15.08.2014	Chess	Scott Christian College, Nagercoil	5	Participated
16.	08.09.2014	Cricket	Scott Christian College, Nagercoil	15	Participated
17.	15.09.2014	Badminton	NMCC, Marthandam	5	Participated
18.	2014-2015	Kabbadi	Adhithanaar College, Thiruchenthur	12	Participated
19.	14.10.2014	Football	Marcosis College, Nasareth	15	Participated
20.	20.10.2014	Kho-Kho	Thiruvalluvar College, Papanasam	15	Participated
21.	2014-2015	Athletics	Thiruvalluvar College, Papanasam	8	Participated

2015-2016					
22.	06.08.2015	Chess	Kamaraj College, Thoothukudi	5	Participated
23.	17.08.2015	Cricket	Scott Christian College, Nagercoil	15	Participated
24.	24.08.2015	Kabbadi	Sivanthi Adhithanar College, Thirichenthur	12	Participated
25.	01.09.2015	Badminton	Lekshmipuram College of Arts & Science, Neyyoor	5	Participated
26.	14.09.2015	BasketBall	M.D.T. Hindu College, Tirunelveli	12	Participated
27.	15.10.2015	Athletics	Thiruvalluvar College, Papanasam	10	Participated

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

Extra-curricular and co-cultural activities

Table 5.16 List of Extra Curricular Activities:

Year	Name of the Student	Name of the Institution & Clubs	Event	No. of students	Achievements
2009-2010	III BBA	Scott Christian College, Nagercoil	Fashion Show	5	I Prize
2011-2012	A.Mary Caron(III BA English)	AVC, Tholayavattam	Fashion Parade	1	II Prize
2011-2012	G. M. Adlin Joe of I BA English	Muzhankuzhi Muthamil Mantam.	Elocution	1	Participated
2011-2012	P. Makesh of I B. Sc. Physics	Muzhankuzhi Muthamil Mantam.	Elocution	1	Participated
2011-2012	S.Arul Bosco & A.Anish Babu of II M.Sc. Chemistry	-	Poster Presentation	2	I Prize

2011-2012	III BBA	St. John's College of Arts and Science, Ammandivilai	Mime	6	I Prize
2012-2013	S.Adlin Subaja (I BA English)	AVC, Tholayavattam	Solo dance (Non-Classical)	1	I Prize
2012-2013	M.P.Manila (I MA English)	AVC, Tholayavattam	Wealth from waste	1	II Prize
2012-2013	A.Mary Caron(I MA English)	AVC, Tholayavattam	Verse writing (English)	1	I Prize
2012-2013	M.P.Manila(I MA English)	AVC, Tholayavattam	Elocution (Tamil)	1	III Prize
2012-2013	M.P.Manila(I MA English)	AVC, Tholayavattam	Fancy dress	1	I Prize
2012-2013	A.Mary Caron(I MA English)	AVC, Tholayavattam	Elocution (English)	1	I Prize
2012-2013	4 students of Department of Computer Science	Scott Christian College, Nagercoil	Intercollegiate Competition	4	Participated
2013-2014	J.L. Rex Lumine Nirmal(II BA English)	Kaviyarasar Kalai Tamizh sangam, Nammakkal	District level drawing competition	1	"Oviya Kalaimaamani-2014"
2013-2014	J.L. Rex Lumine Nirmal(II BA English)	Kaviyarasar Kalai Tamizh sangam, Nammakkal	District level essay writing competition	1	"Ilakiya Sudar viruthu 2014"
2013-2014	J.T. Ashmi (I BA English)	Kaviyarasar Kalai Tamizh sangam, Nammakkal	District level verse writing competition (Tamil)	1	"Kavichuriyan Viruthu-2014"
2013-2014	J.L. Rex Lumine Nirmal(II BA English)	Kaviyarasar Kalai Tamizh sangam, Nammakkal	District level verse writing competition (Tamil)	1	"Kavichuriyan Viruthu-2014"
2013-2014	A.Mary Caron (I MA English)	Shakespeare institute of English studies, Chennai.	Proficiency Test in English	1	First Class
2013-2014	S. Sajan (III BA English)	AVC, Tholayavattam	Vegetable arrangements	1	II Prize

2013-2014	S. Sajan (III BA English)	AVC, Tholayavattam	Verse writing (English)	1	III Prize
2013-2014	S. Sajan (III BA English)	Literary Fest at NMCC, Marthandam	Literary Skit & Dance.	15	Participated
2013-2014	S. Sajan (III BA English)	NMCC, Marthandam	Literary skit	1	II Prize
2013-2014	S. Sajan (III BA English)	Nemic fest'15, NMCC, Marthandam	Art from Waste	1	II Prize
2013-2014	S. Sajan (III BA English)	Nemic fest'15, NMCC, Marthandam	Pencil Sketch	1	II Prize
2013-2014	S. Sajan (III BA English)	Rotary club, Nagercoil.	Photography	1	I Prize
2013-2014	J. Sajiba (III BA English)	Mother Claudine Festo 2014-15, holy Cross College, Nagercoil.	Group song	3	I Prize
2013-2014	J. Ajitha (III BA English)	Mother Claudine Festo 2014-15, Holy Cross College, Nagercoil.	Group song	3	I Prize
2013-2014	C.Murugesan of II M. Sc. Mathematics	-	Intercollegiate & State Level Tamil Literary Competitions	1	Yuva Srikala Award, Best Elocutionist Award, Kalai Thental Award, Young Elocutionist Award, Veeramamunivar Pechalar Peravai Round Trophy for the College.
2013-2014	R. L.Suganya of I M. Sc. Bio Technology	Bio Quest 2014 by NI College, Kumarcoil.	Essay Writing	1	II prize
2013-2014	R. L.Suganya of I M. Sc. Bio Technology	Regional Meet 2014 at Malankara Catholic College, Mariagiri	Essay Writing	1	II prize
2013-2014	D. Anisha of I M.Sc. Bio Technology		Essay Writing	1	III prize

2013-2014	A. Lavanya and group	LUMINOUS 2013 conducted by Udaya College of Arts and Science, Vellamodi	Intercollegiate Competitions	3	Championship
2014-2015	I. R. Edwin of English	Mulankuzhi Muthamizh Mantam.	Solo Song Competition	1	II Prize
2014-2015	S. Sajan (III BA English)	Red ribbon club, MS uni.	Photography	1	III Prize
2014-2015	J.L. Rex Lumine Nirmal(III BA English)	Govt. H.S.S, Thuckalay	Group song	3	I Prize
2014-2015	Bryolin Brinto(III BA English)	Govt. H.S.S, Thuckalay	Group song	3	I Prize
2014-2015	I.R. Edwin	Govt. H.S.S, Thuckalay	Group song	3	I Prize
2014-2015	S. Anushka	Govt. H.S.S, Thuckalay	Group song	3	I Prize
2014-2015	S. Anushka	Govt. H.S.S, Thuckalay	Speech	1	II Prize
2014-2015	I. R. Edwin of II BA English	St. Xavier's Catholic College of Engineering, Chungankadai	Group Song Competition	1	I prize
2014-2015	P. R. Bryolin Brinto of II BA English	St. Xavier's Catholic College of Engineering, Chungankadai	Group Song Competition	1	I prize
2014-2015	C.Murugesan, M.Phil. Mathematics	Sri Vaikundar Trust.	Elocution Competition	1	Gold Medal
2014-2015	K. Jasmine Jenibha of II B. Sc. Mathematics	Mulankuzhi Muthamizh Mantam.	Singing Solo Competition	1	I prize
2014-2015	K. Sathiya of II B. Sc. Mathematics	Sree Ayyappa College	Elocution Competition On Drug Abuse	1	I prize
2014-2015	K. Sathiya of II B. Sc. Mathematics	Elocution Competition	Kaapikkadu Muthamizh Mantam	1	III prize

2014-2015	K. Sathiya of II B. Sc. Mathematics	Arignar Anna College, Aaralvaimozhi	Elocution Competition	1	Participated
2014-2015	8 students from Mathematics Department	Mother Clandio Fest, Holy Cross College, Nagercoil	Inter Collegiate Group Song Competition	8	I prize
2014-2015	K. Jasmine Jenibha of II B. Sc. Mathematics	St. Xavier's Catholic Collge of Engineering, Chungankadai	Group Song Competition	4	I prize
2014-2015	C.Murugesan, M.Phil. Mathematics	Arignar Anna College, Aaralvaimozhi	Elocution Competition	1	Participated
2014-2015	C.Murugesan, M.Phil. Mathematics	Mulankuzhi Muthamizh Mantam.	Elocution Competition	1	I prize
2014-2015	C.Murugesan, M.Phil. Mathematics	Mulankuzhi Muthamizh Mantam.	Solo Singing Competition	1	III prize
2014-2015	C.Murugesan, M.Phil. Mathematics	Tamil Nadu Science Forum	Tamil Verse Writing Competition	1	I prize
2014-2015	C.Murugesan, M.Phil. Mathematics	Tamil Nadu Forward Writers Association	Elocution Competition	1	I prize
2014-2015	C.Murugesan, M.Phil. Mathematics	World Tourism Day	Verse Writing	1	II prize
2014-2015	C.Murugesan, M.Phil. Mathematics	N. Y. K. Youth Club	Elocution Competition	1	I prize
2014-2015	Y.Arvind and J.N.Jeslin Jenila of II B.Sc. Physics	WIPCO 2015, Women's Christian College, Nagercoil.	Collage Competition	2	I prize
2014-2015	M.Manikandan, R.Shajin, P.Subin	Payanam Youth club	Dance	3	Participated
2014-2015	R.Shajin and P.Subin of II M.Sc. Biotechnology	Noorul Islam College Of Arts&Science, Kumaracoil	Art from Waste	2	I Prize

2014-2015	R.Jayasree and D.Jeslin Fhamy of I M. Sc. Biotechnology	Noorul Islam College Of Arts&Science, Kumaracoil	Art from Waste	2	III Prize
2014-2015	A. Aswini, D.I. Aswini, Anusha, Suji, Janalet Raj of Zoology Department	N I College, Kumaracoil	Cultural Competition Art from waste and poster presentation	5	III Prize
2014-2015	R. Janalet Raj of Zoology Department	Malankara Catholic College, Mariagiri	Cultural Competition Art from waste and poster presentation	1	III Prize
2014-2015	Janalet Raj and Anusha of Zoology Department	Sadakathulla Appa College, Tirunelveli	Art from waste and poster presentation	2	III Prize
2014-2015	P. Reshma of II B.Com.	NEMIC FEST 15, Neasomony Memorial Christian College, Marthandam	Classical Dance	1	III Prize
2015-2016	E.Sekar, II M.A. Tamil	Kalaigan Pathipagam	Essay Writing	1	Illakiya Ozhi Award
2015-2016	I BA, II BA, III BA, II MA, M. Phil.	Kalaigan Pathipagam	Essay, Verse, Drawing Competitions	15	Kalaimamani Award
2015-2016	R.Ratheesh Kumar of English	National voters day celebration held at Sree Devikumari College of Arts and Science, Kuzhithurai	Verse Writing	1	I Prize
2015-2016	S.S.Anshilin Mejo of English	National voters day celebration held at Sree Devikumari College of Arts and Science, Kuzhithurai	Verse Writing	1	II Prize
2015-2016	R.Ratheesh Kumar of English	National voters day celebration held at Sree Devikumari College of Arts and Science, Kuzhithurai	Essay Competition	1	II Prize

2015-2016	S.S.Anshilin Mejo of English	National voters day celebration held at Sree Devikumari College of Arts and Science, Kuzhithurai	Essay Competition	1	I Prize
2015-2016	I.R.Edwin (II B.A English)	Payanam Youth club, Unnamalaikadai	Verse Writing Competition	1	II Prize
2015-2016	S. L.Lathisha, S. K.Santhiya, V. K. Vidya, L. Nithisha, M. Jeniba, R. Aslin Renisha of II B.Sc. Mathematics	N. I. College of Arts and Science, Kumaracoil	Group Dance Competition	6	II Prize
2015-2016	M. L. Anelin Abisha, V. Viji Mol of III UG and R. Suji Mol of I UG	Youth Club, Payanam	District Level Literary Competition	3	II Prize
2015-2016	R. Suji Mol of I B.Sc. Chemistry	DMK Elakkiya Ani, Marthandam	Verse Writing Competition	1	I Prize
2015-2016	III BBA	Payanam Youth Club	Poetry Writing	1	I prize
2015-2016	III BBA	Celidia Fest-2015	Variety Show	1	II prize
2015-2016	III BBA	Celidia Fest –2015	Ad-mad	5	Participated
2015-2016	III BBA	St. Xavier's College of Engineering, chunakanakadai	Variety Show	1	II prize
2015-2016	III BBA	St. Xavier's College of Engineering, chunakanakadai	Ad-mad	5	I prize
2015-2016	I BBA	St. John's College of Arts and Science, Ammandivilai	Ad-Zap	5	participated
2015-2016	III BBA	Eco- Fest, Noorul Islam University, Kumaracoil	Folk Dance	6	I Prize

2015-2016	III BBA	Eco- Fest, Noorul Islam University, Kumaracoil	Ad-Zap	5	I Prize
2015-2016	II BBA	Yo-Biezz, Noorul Islam University, Kumaracoil	Fashion Parade	6	II prize
2015-2016	I BBA	Yo-Biezz, Noorul Islam University, Kumaracoil	Mime	6	I prize
2015-2016	III BBA	G.Venkatasamy Naidu College, Kovilpatti	Short Film	1	I prize
2015-2016	III BBA	St. Xavier's College of Engineering, chunkanakadai	Collage	3	I prize
2015-2016	II BBA	St. Xavier's College of Engineering, chunkanakadai	Ad-Zap	6	participated
2015-2016	II BBA	Rajas College of Engineering, vadakkankulam	Fashion Show	8	II prize
2015-2016	T. Justin, T. Albin Raj, II & III B. Com	Commfest – 2K16 - St. Xavier's College (Autonomous), Palayamkottai	Art from waste	2	II Prize
2015-2016	M. Romeo, III B. Com	St. Xavier's College (Autonomous), Palayamkottai	Solo Song	1	Participated
2015-2016	4 students III B. Com	Commfest '15, St. Xavier's College (Autonomous), Palayamkottai	Art from Waste Art from Waste	4	Participated

Table 5.17 List of Co-Curricular Activities:

Year	Name	Institute Name	Seminar/ Symposium/ Conference /Quiz/ Workshop	Events	Achievements / Participation
2010-2011	R.Berlin Vimal, T.Moniha, P.Indhuja, M.Infant Jenisha, M.M.Jenisha, G.R.Aswin Prasath(III B.Sc. Maths)	N.I.College of Engg., Kumaracoil	Symposium	Quiz	Participated
2011-2012	A. Ancy Milred & S. Sindhu of III B. Sc. Chemistry	Holy Cross College, Nagercoil.	Symposium	Quiz Competition	Participated
2011-2012	K. Sumi, T. Anusha, S. Divya of III B. Sc. Mathematics	M. S. University	Inter Collegiate Quiz Competition	Quiz Competition	Participated
2012-2013	M. Asha Mary & M. P. Mania of II M. Sc. Chemistry	Bethlahem Institution, Karungal	District Level Quiz	Quiz Competition	I Prize
2012-2013	C. Bajo Vibitha, R. Nivetha, S. Suja of III B. Sc. Mathematics	M. S. University	Inter Collegiate Quiz Competition	Quiz Competition	Participated
2012-2013	M. Asha Mary, M. P. Manica of II M. Sc. Mathematics	Bethlahem Institution, Karungal	District Level Quiz Competition	Quiz Competition	I Prize
2012-2013	BBA Students	Scott Christian College, Nagercoil	Regional Level Intercollegiate Management Meet	Inter- collegiate Competitions	3 Prizes
2013-2014	P. K. Ajeesh & A. Aswin of I B. Sc. Chemistry	St. Xavier's College of Engineering, Chungankadai	Symposium	Quiz Competition	Participated

2013-2014	Gayathri, I M.Sc Biotechnology	Malankara Catholic College of arts & science	Symposium	Poster presentation	III Prize
2013-2014	G. Subitha Kumari & Leo Jebansily of I M.Sc. Bio Technology	NI College, Kumarcail.	Bio Quest 2014	Poster Presentation	III prize
2013-2014	G. Subitha Kumari of I M.Sc. Bio Technology	Malankara Catholic College, Mariagiri (Department of Micro Biology)	Regional Meet 2014 (Department of Micro Biology)	Poster Presentation	I prize
2013-2014	R. L. Suganya of Bio Technology	Malankara Catholic College, Mariagiri (Department of Micro Biology)	Regional Meet 2014 (Department of Micro Biology)	Poster Presentation	II prize
2013-2014	Vinisha, I M.Sc Biotechnology	Malankara Catholic College of arts & science	Symposium	Poster presentation	III Prize
2013-2014	Subasini, II M.Sc Biotechnology	Malankara Catholic College of arts & science	Symposium	Poster presentation	Participated
2013-2014	Jincy, II M.Sc Biotechnology	Nooral Islam College of Arts and science	Symposium	Poster presentation	III Prize
2013-2014	L. G. Bibin, III B. Com	Women Christian College, Nagercoil.	Busicom 13	Quiz	Participated
2014-2015	K. Ashika	Women Christian College, Nagercoil	WIPO-2015	Poster Presentation	Participated
2014-2015	2 Students	Women Christian College, Nagercoil	WIPO-2015	Dumb Charade	Participated
2014-2015	2 Students	Women Christian College, Nagercoil	WIPO-2015	Quiz	Participated
2014-2015	Y.Arvind and J.N.Jeslin Jenila of II B. Sc. Physics	Women Christian College, Nagercoil	WIPO-2015	Collage	I Prize

2014-2015	3 students	Pioneer College, Nagercoil	FOP Quiz-2015(Fundamentals of Physics)	Quiz	Participated
2014-2015	R. Kalaivani	Holy Cross College, Nagercoil	Crossings-2014	Quiz	Participated
2014-2015	C.I.Anish III BSc & A.Ashwin II BSc. Chemistry	St. Xavier,s College (Autonomous), Palayamkottai	Intercollegiate Quiz Competition	Quiz	III Prize
2014-2015	C.I.Anish III BSc & A.Ashwin II BSc. Chemistry	St. John's College, Palayamkottai	Chem Fest - 2014	Poster Presentation	I Prize
2014-2015	A.Ashwin II BSc. Chemistry	St. John's College Palayamkottai	Chem Fest - 2014	Quiz	III Prize
2014-2015	T. Subash & P. K. Ajish of II B. Sc. Chemistry	St. Xavier,s College Palayamkottai	Intercollegiate Quiz Competition	Quiz	Participated
2014-2015	K.Remya and B.Shalin shamli of II B.Sc. Biotechnology	Noorul Islam College Of Arts&Science, Kumaracoil	Symposium	Poster Presentation	III Prize
2014-2015	7 Students, II B. Sc. Bio-Technology	Noorul Islam College of Arts and science	National Symposium	Poster presentation	Participated
2014-2015	7 Students, I B.Sc. Biotechnology	Malankara Catholic College, Mariagiri	Symposium	Poster presentation	Participated
2014-2015	Sreeja N, I M.Sc, Biotechnology	Sathakathullah Appa College , Thirunelveli	National Symposium	Poster presentation	Participated
2014-2015	Suganya, Jasmin, II M.Sc Biotechnology	Noorul Islam College of Arts and science	National symposium	Poster presentation	III Prize
2014-2015	Sreeja N, I M.Sc. Biotechnology	Noorul Islam College of Arts and science	National symposium	Poster presentation	Participated
2014-2015	Gayathri, II M.Sc Biotechnology	Noorul Islam College of Arts and science	National symposium	Poster presentation	Participated
2014-2015	Divyasree, I B.Sc Biotechnology	Noorul Islam College of Arts and science	National symposium	Poster presentation	Participated

2014-2015	Sreeja N, I M.Sc Biotechnology	Sathakathullah Appa College, Thirunelveli	National symposium	Poster presentation	Participated
2014-2015	Leogebansil, II M.Sc Biotechnology	Noorul Islam College of Arts and science, Kumaraoil	National symposium	Poster presentation	Participated
2014-2015	Jasmin suriya, III B.Sc Biotechnology	Sathakathullah Appa College, Thirunelveli	National symposium	Poster presentation	Participated
2014-2015	Gayathri, II M.Sc Biotechnology	BSB- 2014 AVC	National symposium	Poster presentation	III Prize
2014-2015	5 students from III B. Com	Commfest '15, St. Xavier's College (Autonomous), Palayamkottai	Seminar	Product Launching	I Prize
2015-2016	M.L.Anelin Abisha , M. Sumithra III B.Sc. Chemistry	St. Alphonsa Academy	Seminar	Quiz	Participated
2015-2016	K. Ashika	Women Christian College, Nagercoil	WIPO-2015	Poster Presentation	Participated
2015-2016	2 Students	Women Christian College, Nagercoil	WIPO-2015	Dumb Charade	Participated
2015-2016	G. Suji, P. Suji Priya of II B. Sc. Mathematics	N.I.College of Arts and Science, Kumaracoil	Symposium & Intercollegiate Competition	Quiz Competition	Participated
2015-2016	R. Berlin Vimal, T. Moniha, P.Indhuja, M.Infant Jenisha, M.M.Jenisha, Ashwin Prasad.G	N.I.College of Engineering, Kumaracoil	Intercollegiate Competitions	Quiz Competition	Participated
2015-2016	III BBA	Celidia Fest – 2015 Scotte Christian College, Nagercoil	Symposium	Business Quiz	Participated
2015-2016	III BBA	St. Xavier's College of Engineering, Chunkanakadai	Seminar	Business Quiz	participated
2015-2016	III BBA	St. John's College of Arts and Science, Ammandivilai	Seminar	Quiz	participated

2015-2016	III BBA	St. John's College of Arts and Science, Ammandivilai	Seminar	Management Team	II prize
2015-2016	III BBA	Eco- Fest, Noorul Islam University, Kumaracoil	Seminar	New Product Launch	I prize
2015-2016	III BBA	IQAC, Holy Trinity College of Education, Attoor	Seminar	Poster Presentation	II prize
2015-2016	II BBA	Nesamony Memorial Christian College, Marthandam	Seminar	New Product launch	participated
2015-2016	I BBA	Nesamony Memorial Christian College, Marthandam	Seminar	Treasure Hunt	I prize
2015-2016	III BBA	Yo-Biezz, Noorul Islam University, Kumaracoil	Seminar	New Product Launch	Participated
2015-2016	III BBA	Noorul Islam University, Kumaracoil	Seminar	Workshop	participated
2015-2016	II BBA	Noorul Islam University, Kumaracoil	Seminar	Workshop	participated
2015-2016	I BBA	Rajas College of Engineering, vadakkankulam	Seminar	New Product Launch	II Prize
2015-2016	M. Romeo, Y.Justin, L. Sahayasubash, D. Shalin, III B. Com, I M. Com & II M. Com	St. Xavier's College (Autonomous), Palayamkottai	Seminar	Product Launching	Participated
2015-2016	5 students of III B. Com	Xibita 1.1, - St. Xavier's Catholic College of Engineering, Nagercoil	Seminar	Adzap-Agnitio	Participated

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

Yes. The College improves the performance and quality of the institutional provisions by seeking feedback from its graduates.

- The College obtains feedback from the students to improve the performance and quality of the institutional provisions. Feedback on Curriculum and the Teaching-Learning process is obtained every semester. Exit level feedback is obtained from the students regarding institutional provisions and other support services available in the campus. The inputs obtained from the students are further used to improve the overall performance and quality of the institutional provisions.
- Feedback from parents is collected at the time of PTA meeting.
- Feedback from alumni is collected at the time of alumni meeting/graduation day.
- Visitors Diary also acts as a feedback mechanism as eminent visitors record their opinion about the College in the Visitor's Diary.
- During Students' Council meetings, the student representatives raise their grievances.

5.3.4 How does the College involve and encourage students to publish materials like catalogues, wall magazines, College magazine and other materials? List the publications/ materials brought out by the students during the previous four academic sessions.

The students are also asked to contribute/write articles for the College magazine every year. They have contributed to magazines and research journals with the help of staff members. Students also present papers in various symposia/ seminars/ conferences. Students present their research work as a poster presentation also.

The staff members encourage the students to prepare wall magazines and prizes are given for the best display.

- Mr.G. M. Adlin Joe of English Department published a book titled 'ZIFHONO FNO and The Release of the Fairies-A fantasy upon Noland' (ISBN: 978-1-4969-7683-3) March 2014 and the Management contributed Rs 10,000 to meet the publication expenses.
- 'Annai Mozhi' an exclusive Tamil monthly magazine released by Mother Tongue Cell for students to expose their creative power for the language.
- The Department of English publishes 'SEEK' for which students make contributions
- An annual magazine 'CHEM PEARL- 2015' was published by Department of Chemistry.

- Department of Mathematics, Tamil and Business Administration published annual magazine.
- Wall magazines are regularly displayed by our students in their classrooms and in the vicinity of their labs and Departments.

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

Yes. The College does have a Student Council.

Every Class elects its representatives, one boy representative and a girl representative. Only those who have no arrears in their University Examinations are eligible to become representatives. All the elected class representatives make the Students' Council. The Students' Council elects its general secretary by secret ballot. In the Students' Council meetings, the students bring to the notice of the Principal, the issues related to their grievances.

The Students' Council members assist the college in the conduct of all celebrations and functions organised in the College.

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

- Students' Council
- Class Representatives
- NSS
- NPTEL online courses
- NEO NAVIGATE
- Rover Club
- The students are also members of various Committees
 - Gardening & Campus Cleanliness Committee
 - Press Release, Advertisement & Public Relation
 - Prayer, News Reading & Announcement
 - Common Functions
 - Exhibition Cell
 - Placement, Career Guidance & Tie-up Cell
 - Spoken English Cell
 - Campus Improvement & Eco Club
 - Women's Cell
 - Note Book Committee
 - Newspaper Committee
 - Magazine Committee
 - Students Grievances & Redressal Cell
 - Fine Arts Club
 - Mother Tongue Cell
 - English Literary Club

- Quiz Club
- Driving Licence Cell
- Student Welfare Committee
- Human Resources & Motivation Cell
- Identity Card Issuing & Monitoring Committee
- Uniform Issuing & Monitoring Committee
- Sports Club
- Womens Sexual Harrasment Redressal Cell
- Student Welfare Fund

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

- A request was made on behalf of the Alumni Association during the year 2008-2009 to invite and honour an alumnus every year during College Day Celebrations. Since then, during College Day function every year, one of our prominent Alumni is being invited and honoured.
- Details of the Alumni invited and honoured
 - 2008-2009 Mr.F.Sahaya Jose, Inspector of Coast Guard, Kanyakumari
 - 2009-10 Mrs. C. Rajasulochana, Sub Inspector, Railway Police, Trichy.
 - 2010-2011 Dr.S.A.Martin Britto Dhas, Asst.Professor, Department of Physics, Sacred Heart College (Autonomous), Tirupattur.
 - 2015-2016 Mrs. Leema Rose, Ex.M.L.A, Erstwhile Trivattar Constituency.
- Our alumni are invited as resource persons
- Our former faculty are invited as resource persons
- Former faculty and alumni have created Endowments

Table 5.18 List of Former Faculty as Resource Persons:

Sl. No.	Name	Date	Department	Topic
1.	Mr. Starvin, NET Coaching Centre, Trivandrum.	10.3.2013	Chemistry	Technical areas in Chemistry
2.	Dr. C. Bright, Associate Professor, NVKSD College of Education, Attoor	21.04.2014 & 26.04.2014	English	Orientation programme on 'NAAC Accreditation Process'

3.	Mr.S.A.Deva Prince, Asst. Professor, Arul Anandar College, Karumathur.	14.8.2014	Chemistry	Lanthanides and Actinides
4.	Mr.S.A.Deva Prince, Asst. Professor, Arul Anandar College, Karumathur	16.2.2015	Chemistry	Analytical Techniques in Chemistry
5.	Mr. S.A. Deva Prince, Assistant Professor, Department of Chemistry Arulanandhar College (Autonomous), Karumathur, Madurai.	12.06.2015	Chemistry	How to be an inspired teacher?
6.	Mrs. D.L. Deva Vijila	10.3.2016	Chemistry	Women's Day Address

Table 5.19 List of Alumni as Resource Persons:

Sl. No.	Name	Date	Topic
1.	Dr. Edmund Christopher Associated Professor, School of Management, Noorul Islam University. [Research Fellowship in Dubai].	08.10.2014	Motivational programme on Students attitude & Behaviour
2.	Dr.Justin Antony, Principal, Pope John Paul Education College	09.03.2015	Orientation to our staff on Teachers Attitude on Class room
3.	Dr.S.A. Martin Britto Dhas Assistant Professor, Department of Physics, Sacred Heart College (Autonomous), Tirupattur	27.12.2012	Nanophysics
4.	Mr. Suresh, Assistant Professor of Department of Computer Science, Malankara Catholic College, Mariagri	19.10.2012	Subject-specific Career Guidance Programme

5.	Mr. Regin Thanka Raj, Senior Research Scholar, I.I.T Chennai.	16.02.2015	Subject-specific Career Guidance Programme
6.	Dr. Kingslin, Professor and Head, School of Management, Noorul Islam University	10.09.2015	Motivational programme on Employability skill
7.	Mrs. Kirubha Kani, Bethlahem College of Education, Karungal	14.03.2016	History of Mathematics

Any other relevant information regarding Student Support and Progression which the College would like to include.

- Other initiatives carried out to encourage and bring out the hidden talents of the students
 - Ezhundhu Vaa Ilaya Thamizha! (எழுந்து வா இளைய தமிழா!) – a talk show conducted by Annai Velankanni College in association with Thamizhan TV on 23.02.2015, in which students from our College and other Colleges participated and expressed their opinion on different topics..
 - Department of Tamil organizes the following programmes for their P.G. and M.Phil students.
 - Reviews of Newly Published Books (புத்தக மதிப்புரை) - Students and Teachers introduce newly published books and make a review of it. This programme is conducted once in a week.
 - Research Forum (ஆய்வுக் கட்டுரை) - Students and Teachers present research papers followed by question-answer session. This programme is conducted once in a week.
 - Interaction with Personalities (ஆளுமைகளுடன் கலந்துரையாடல்) – Experts from different fields of Tamil Literature are invited to have a close interaction and dialogue with the students. This programme is conducted once during the last academic year (2015-16). Proposed to be conducted once in a month.

➤ Distingused Alumni of our College:

Name	Department	Designation
Mrs. M. Leema Rose	Mathematics	Ex Member of Legislative Assembly.
Dr.Edmund Christopher	Commerce	Associated Professor, School of Management, Noorul Islam University. [Research Fellowship in Dubai].
Dr.Justin Antony	Commerce	Principal, St. Pope College of Education, Mulagumoodu

Dr.S.A. Martin Britto Dhas	Physics	Assistant Professor, Department of Physics, Sacred Heart College (Autonomous), Tirupattur
Dr. J. Mary Gladis	Chemistry	Reader, IIST, Trivandrum
Mr. R. Henslin Regis Deepan	Biotechnology	Medical Laboratory Technician, Ministry of Health-Under Advance Technical Company, Kuwait.
Ms.Aglin Rebisha	Biotechnology	Coding Executive,VRCM Infotech India Pvt Ltd, Chennai
Ms. Suganya	Biotechnology	Medical coder, Vee Technologies, Chennai
Mr. F. Sahaya Jose	Commerce	Inspector of Coast Guard, Kanyakumari
Dr. Kingslin	Commerce	Professor and Head, School of Management, Noorul Islam University
Dr. K.Y.Santhya	Chemistry	Scientist, IIST, Trivandrum
Dr. Ajayan Vino	Chemistry	Professor, Anna University, Chennai
Dr. Jaya Vince Ruban	Chemistry	Assistant Professor, St. Xavier's College, Palayamkottai.
Mrs.D.L.Deva Vijila	Chemistry	Assistant Professor, Holy Cross College, Nagercoil.
Dr.Jothy Stella	Chemistry	Assistant Professor, Adiththanar College.
Dr. Abbs Fen Raj	Chemistry	Associate Professor, NMCC, Marthandam.
Mr. A. Mahimai Raj	Commerce	Asst. Relationship Manager, AVP Business Development CD Equisearch Pvt. Ltd.
Dr. P. Titus	Mathematics	Head, Department of Mathematics, University College of Engineering, Nagercoil, Tirunelveli Region
Mr. John Paul	Computer Science	Site Reliability Engineer Google – Hyderabad
Mrs. Manibha	English	Asst. Professor, Venkateshwara Arts and Science College, Gowrivakkam, Chennai.
Mr. H. Dinesh	Business Administration	Technician in Indian Air Force
Dr. R. Joseph Manoj	Computer Application	Associate Professor, St. Joseph's College of Engineering, Chennai

Dr. M. Jose	Physics	Head, P.G. and Research Department, Sacred Heart College, Thirupathur.
Mr. Rejin Thankaraj	Mathematics	Sr. Research Fellow, IIT Madras.
Mr. M.R. Anish	Biotechnology	Quality Controller in Soft Gel Health Care, Pvt. Ltd., Chennai
Mr. A. Aloysius	English	Assistant Professor, Department English, East West Group of Institutions, EWCM, Vishwaneedam, Bangalore.
K.Y. Sandhya	Chemistry	Associate Professor in Chemistry, Indian Institute of Space & Technology (IIST) Trivandrum.
Mr. J.S. Hariram	Commerce	Branch Operations incharge, TATA AIA LIFE INSURANCE CO LTD. Lower Parel, Mumbai.
Mr. A. Lenin Alex	Business Administration	Senior Officer, Finance and Accounts, WIPRO Limited, Chennai.
R. Kirupa	Mathematics	HOD, Department of Mathematics, St. John's College of Arts and Science, Ammandivilai.
Mr. A. Bellarmine Jose	Physics	Businessman
Bosco Wilfred	Computer Science	Project Manager, WIPRO, Melbourne Australia.

CRITERION VI

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 Institutional vision and leadership

6.1.1 State the vision and mission of the Institution and enumerate on how the mission statement defines the institution's distinctive characteristics in terms of addressing the needs of the society, the students it seeks to serve, institution's tradition and value orientations, vision for the future, etc.?

VISION

- To make significant contribution to develop economically and educationally identified under-developed backward areas.

MISSION

- Provide quality education to the local youth/students with emphasis on job oriented courses and other courses relevant to local needs so that they can seek/take up better employment and improve standard of life.
- Treat all students equally without any discrimination on the basis of religion, caste and community and mould them to take up the role of future leaders of the country.
- Inculcate personal and intellectual integrity in the minds of the students of the College resulting in application of ethical and humanitarian values in life by broad basing education and involving the students in relevant extracurricular activities.
- Strive to maintain excellence in all the chosen academic, co-curricular and extracurricular activities, so that Annai Velankanni College is known to the outside world as a Premier Institution.

THE INSTITUTION'S DISTINCTIVE CHARACTERISTICS AS DEFINED BY ITS VISION & MISSION STATEMENT

- The institution's commitment to extend higher education to the economically and educationally marginalised population in the locality, at affordable cost, is best exemplified by its admission strategy.
- The institution's commitment to improve the employment opportunities of the local youth is reflected in its desire to introduce courses that are relevant to local needs.
- The institution's commitment to treat all students equally without any discrimination on the basis of religion, caste and community is reflected by its enrollment profile.
- Extension activities, Social orientation and Value education programmes conducted in the College inculcate personal and intellectual integrity and ethical and humanitarian values in the minds of the students of the College.

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

Top Management

- Top Management frames and formulates Motto, Vision and Mission for the College.
- The top Management meets regularly every month and formulates plans and broader guidelines for the growth and development of the College.
- The Management's decisions are communicated to the faculty through the Principal or directly by the Management through staff meetings.
- Top Management meets the teaching faculty regularly at the beginning and at the end of every semester. During those meetings, Management throws light on what is expected of the faculty, gives guidance, points out inadequacies and gives reminders so that the faculty remains on course.
- Top Management meets the faculty Department wise once every semester. The University results are analysed in that meeting and the teaching staff are encouraged to continue the good work and deficiency, if any, are pointed out. Also the teaching staff are asked to speak about Department level requirements and grievances. Top Management solicits suggestions from the teaching staff for the growth and development of the Department in that meeting.
- The Management never hesitates to encourage and appreciate whenever something noteworthy is achieved by either staff or students and when occasion demands, never fails to reprimand.
- Ex-officio Committee, comprising of the Management, Principal and the Staff Secretary, monitors, reviews and ensures the implementation of plans as communicated to the staff through staff meetings and also the other decisions taken at the staff meetings and Staff Council meetings.

Principal

- The broader guidelines laid out by the Management serve as the guiding principles for the Principal to act. The Government and the University also provide guidance from time to time on various issues connected with students' welfare and academic affairs. As and when required, the Principal consults the Staff Council. Through staff meetings, Department meetings and one-to-one meetings with staff, Principal provides/receives guidance/suggestions for improvement to/from the staff.

Faculty

- Teaching staff are represented in the Staff Council by the Heads of the Departments and the non-teaching staff are represented by the Office Superintendent. The Principal seeks suggestions from the Staff

Council as and when required, on matters related with the curricular, co-curricular, extra-curricular activities and any other academic or discipline related issues of importance. Before attending the Staff Council, the Heads of the Departments and the Office Superintendent gather inputs from their colleagues on issues to be discussed in the Staff Council. After the Staff Council meeting, they communicate the decisions to their colleagues. On staff meetings, staff express their opinion on issues brought to discussion by the Principal or Management. Faculty look after the implementation part of the plans and policies.

6.1.3 What is the involvement of the leadership in ensuring?

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

The top Management of the College frames the Vision and Mission Statement of the College keeping in mind the needs of the local populace. Committees such as, Placement Cell, Religious Harmony Cell, Computer Education Cell, Spoken English Cell, National Service Scheme, Red Ribbon Club, Youth Red Cross, Women Cell, Consumer Club, Student Welfare Committee, SC/ST Cell, Health Centre, Human Resources and Motivation Cell, Human Values Development Cell, Neo Navigate, Research Committee etc. take efforts to materialize the policy statements found place in the Vision and Mission Statement. At Department level, the Departments take efforts to inculcate the ideals found place in the Vision and Mission statement of the College in the minds of the students by organizing relevant activities.

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

The responsibility to formulate action plans for all operations for the fulfillment of the stated mission lies with the Committees concerned and the Departments. The Committees and Departments convene meetings and chalk-out plans and get the consent of the Principal/Management for implementation. Once they get the nod of the Principal/Management, the plans become part of the institutional strategic plan. Those activities have to be carried out regularly. The top Management lends all possible support and encouragement to ensure that the activities are carried out diligently.

➤ Interaction with stakeholders

The top Management ensures that there is regular interaction with the following stakeholders, viz, the staff members, the students, the parents, the alumni.

- **The staff members**

Through Staff Council, Staff meetings, Department meetings and through informal one-to-one meetings

- **The students**

Through Students' Council, Class Committee meetings, Class in-Charges, Students' Grievances and Redressal Cell, Women's Sexual Harassment and Redressal Cell, Counselling Cell and through the interaction of HODs and faculty with the students. And through feedback from students.

- **The parents**

Parent Teacher Association meets once in every semester. Also, parents visit the College to enquire about their wards on their own. At times, they are called to meet the College authorities for issues connected with their wards. Feedbacks are obtained from the parents at the time of Parent Teacher Association meetings.

- **The Alumni**

The Alumni Association meets once every year. The alumni, whenever they visit the College, they meet the teaching staff, Heads of the Departments, Principal and share their experiences at their places of study or at their places of work.

- **The local community**

- The local community is in touch with the College at an informal level. There are a lot of well wishers for the College among the local community.
- The College interacts with the local community, in sorting out issues of the people of the locality. On issues like pollution control and getting additional bus facilities, the College and the local community stood together. Recently, on the issue of shifting the liquor shop, the College and the local community stood together. Though, the struggle to shift the liquor shop unfortunately failed, the struggle paved the way for the functioning of a new bus stand.

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

- Inputs from the stakeholders play an important role in formulating plans for providing the following facilities and support systems to the students.
 - Transportation facility
 - Additional bus facilities
 - Add-on courses
 - Additional Toilet facilities
 - Waiting sheds
 - Spoken English Classes
 - Computer Education
 - Placement related programmes

- o Actions on TASMACH related problems faced by the students, especially the girls Students(efforts to shift the liquor shop)
 - o Vehicle shed.
- **Reinforcing the culture of excellence**
 - For staff and students
 - o Research orientation
 - o Computer literacy
 - o Spoken English
 - o Orientation/awareness/ training programmes/ invited lectures
 - o Grooming leadership
 - o Employability Skills
 - o Recent developments/ emerging trends/ identification of potential research areas
 - o Exposure
- **Champion organizational change**
 - All class hours are completely utilized.
 - Working hours up to 4:00 P.M
 - Scheduling of internal tests
 - Introduction of add on courses
 - Introduction of PG/M.Phil classes and new courses
 - Automation of library and office
 - Introduction of ICT enabled teaching
 - Introduction of student support systems
 - Transport facility
 - Course file
 - Student profile, Staff profile, Department profile, Students' Database
 - Conferences/Symposia/Seminars/Workshops/Research Orientation/Publication of research journal
 - Efforts to publish a research journal

6.1.4 What are the procedures adopted by the institution to monitor and evaluate policies and plans of the institution for effective implementation and improvement from time to time?

- Long-term policies and plans of the institution and the larger framework and the broader guidelines under which the institution has to carry-out its daily affairs are formulated by the Management at its monthly Administrative Board meetings and are communicated directly to the staff through staff meetings and through the Principal. Principal seeks suggestions from Staff Council on measures for effective implementation and ensures effective implementation by

entrusting responsibilities to individuals or Departments or Committees. The Principal monitors the progress either formally by convening meetings or through informal queries and reminders. The staff makes suggestions for improvements through the Staff Council and through the staff meetings or through informal one to one meetings. Suggestions from staff are well received by the Management and are deliberated at the monthly Administrative Board meetings of the Management and are accepted for implementation if the Administrative Board finds merit in the suggestions. Evaluations are done from time to time at the appropriate forums and necessary changes are incorporated, if required.

- Ex-officio Cell takes up the responsibility of monitoring and evaluating policies and plans of the institution for effective implementation and improvement from time to time.

6.1.5 Give details of the academic leadership provided to the faculty by the top Management.

- The top Management's as well as the founding fathers' ideals regarding the role of the College are best exemplified in the Vision and Mission statement of the College. Those are the guiding principles for the faculty. The top Management assumes the responsibility of inculcating those ideals in the minds of the faculty through all available means and measures, viz, through Principal, through Staff meetings, through circulars and on that basis the Management tackle issues as and when they arise.
- For the past few years the top Management identified thrust areas for every academic year as indicated below.
 - 2011-12: Year of Campus Discipline
 - 2012-13: Year of Academic Excellence
 - 2013-14: Year of Career Guidance
 - 2014-15: Year of Research and Development
 - 2015-16: Year of Community Services
- Staff Council is empowered to discuss and decide on curricular, co-curricular and extra-curricular activities within the parameters laid-out in the Vision and Mission statement of the College.

6.1.6 How does the College groom leadership at various levels?

- **Students**
 - Students Council
 - Class representatives
 - Department secretaries
 - House Leaders(sports)

- NSS Team Leaders
- Organisational role in arranging study tours and industrial visits.
- Their role in conducting Conferences/other Department activities
- Class Committees
- Team Captain
- Student volunteers
- Leaders of NPTEL online courses.
- **Staff**
 - Conveners
 - Programme officers
 - Staff secretary
 - Class in-charges
 - Heads of Departments/Staff Council members
- **Management and Principal**
 - Itself a leadership role/planning and monitoring

6.1.7 How does the College delegate authority and provide operational autonomy to the Departments/units of the institution and work towards decentralized governance system?

- Yes. The College delegates authority and provides operational autonomy to the Departments / units of the institution and work towards decentralized governance system and does it with sufficient checks and balances.
- There are parameters and guidelines laid out by the Management taking into account the socio-economic background of the students. The decentralized governance system of our College works within those parameters and guidelines. The Management reviews the functioning of the College regularly.
- The Principal is the Head of the institution. He takes advice from the Staff Council on curricular, co-curricular, extra-curricular activities of the College. The Departments take care of the curricular activities and the Department level co-curricular and extra-curricular activities. The College level co-curricular and extra-curricular activities are entrusted to the concerned Committees by the Principal. The Departments, various Committees and individual staff members are responsible for the planning and effective implementation of the tasks assigned to them. Principal sets targets for the staff to achieve as far as the curricular, co-curricular, extra-curricular activities are concerned. He reports to the Management regularly and seeks advice from the Management on crucial issues.

- The Staff Council consists of all the Heads of the Departments, the Staff Secretary and the Office superintendent. The Staff Council is convened by the Principal at regular intervals.
- The Heads of the Departments run the affairs of the Departments. At the Department meetings, the Department level activities are chalked-out and the responsibilities assigned to the staff. The activities so planned are put into practice with the consent of the Principal. At the time of the result analysis every semester, the Management and the Principal review the functioning of the Department.
- The Committees chalk-out their plans at their meetings and carry them out with the consent of the Principal.
- Office Superintendent assigns duty to every section and it is the duty of the section to complete the work to the satisfaction of the Office Superintendent.

6.1.8 Does the College promote a culture of participative Management? If 'yes' indicate the levels of participative Management.

- Yes. The College promotes a culture of participative Management by having communication channels open with all stakeholders, viz, staff, students, alumni and parents at all levels.
- The top Management meets once in a month. The decisions, if required, are communicated to the staff either through the Principal or at the time of staff meetings. The Management is receptive to suggestions. For the suggestions to be considered by the top Management, they are expected to be made through proper channel.
- The Ex-officio Committee, comprising of the top Management, the Principal and the Staff Secretary meets at the first opportunity immediately after every Staff Council and every staff meeting. The Ex-officio Committee reviews the minutes of the Staff Council/staff meeting, makes suggestions, provides support for effective implementation and monitors the progress.
- The top Management, Principal, all the staff members (both teaching and non-teaching) attend the Parent Teacher Association meetings arranged every semester. Parents take active part in the interactive session and express their views. Feedback questionnaires are randomly distributed class wise. Opportunity is provided to the parents to express their views/opinions/suggestions for improvement when they visit the Departments. The inputs, thus received from parents, are considered for implementation at appropriate forums.
- The general body of the Alumni Association meets once every year. The former students share their experiences at the work places and at the higher educational institutes.
- The Staff Council advises the Principal on issues related to curricular, co-curricular and extra-curricular activities and all other activities

connected with the welfare of the students. Important decisions are announced to the staff at staff meetings in order to take the staff members into confidence. Principal can obtain feedback/suggestions from them on important announcements immediately during the meeting itself. And at times staff are involved in a discussion to arrive at decisions.

- At the Departments, the Heads of the Departments convene the Department meetings. Department level activities are discussed at the Department meetings and decisions arrived at. Implementation is with the consent of the Principal.
- Various Committees are constituted by the Principal to carry out co-curricular, extra-curricular and other student support activities. The Committees convene meetings, chalk-out plans, get the consent of Principal and implement them.
- Student's Council consists of representatives from all the classes. There is a Student Secretary and a Staff Advisor.-their grievances-conduct of functions. Student representatives raise their grievances at the Student's Council meetings. Student representatives assist in organizing of various functions in the College.
- Class Committee meetings are conducted once a semester. The Class in-charges help the students redress their grievances, if any, through appropriate channels.

6.2 Strategy Development and Deployment

6.2.1 Does the Institution have a formally stated quality policy? How is it developed, driven, deployed and reviewed?

Quality policy of the institution

The fact that the Institution is situated at socially, economically and educationally backward region is taken into account while framing the Vision and Mission statement. Based on the Vision and Mission statement of the Institution, the quality policy is formulated. The quality policy identifies the areas in which development has to be made in order to materialize the ideals found mention in the Vision and Mission statement. The quality policy insists continuous and sustained efforts to realize the following ideals.

- Academic Excellence
- Value inculcation
- Social orientation
 - Nation Building
 - Environmental consciousness
- Student Support System
- Employability
- Research orientation

- Feedback system
 - Teaching quality
 - Curriculum
 - Extra-curricular activities
 - Infrastructural requirements
 - Students support system

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

Yes. There is a perspective plan for development. There are various aspects involved in the development of the institute. Every year one aspect is highlighted and given focus. Awareness would be created and the necessity would be stressed, where as other aspects would continue to be taken care of by the respective Committees. So far the aspects highlighted are given below.

- 2011-2012: Year of Campus Discipline
- 2012-2013: Year of Academic Excellence
- 2013-2014: Year of Career Guidance
- 2014-2015: Year of Research and Development
- 2015-2016: Year of Community Services
- As the institution is committed to the growth of the socially, economically and educationally backward region in which it is situated, it believes that the growth and development of the College should result in the upliftment of the people of the region.
- New courses are being introduced every year, but with an eye on local needs. Before going for a course, the Management makes it sure that the particular course serve the local needs best.
- Add-on courses and enrichment programmes are being introduced in areas in which there is a need.
- Student support systems in place.
 - Slow Learners
 - Advanced Learners
 - Career guidance & Employability Skills
 - Counselling Cell
 - Students Grievances and Redressal Committee
 - Women's Sexual Harrasment and Redressal Committee
 - Students' Welfare Fund
 - Students Welfare Committee
 - SC/ST Cell
 - Health Centre
- Outreach Programmes

6.2.3 Describe the internal organizational structure and decision making process.

- Annai Velankanni College, Tholayavattam, Kanyakumari District is owned by Friends of Kottar Society and administered by Annai Velankanni College Administrative Board. The Annai Velankanni College Administrative Board looks after the administration of the College and formulates the broader guidelines within which the College has to function and fixes targets to be achieved. The Annai Velankanni College Administrative Board meets once in a month.
- Principal is the Chairman of the Staff Council and he seeks suggestions from Staff Council regarding the academic affairs of the College. Principal gives shape to what the 'Annai Velankanni College Administrative Board' visualises. Academic/curricular activities are coordinated by the Heads of the Departments at Department level. Co curricular and extracurricular activities are carried out by various Committees.

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

- Teaching & Learning
 - The College works for the minimum of ninety days every semester and it is ensured that all working days are optimally utilised.
 - Regular attendance of the students is insisted.
 - There are three internal tests every semester as per University norms.
 - A three hour model test is conducted every semester.
 - Class test at regular intervals are conducted
 - Staff prepares a detailed course file at the beginning of every semester and strictly adheres to it.
 - Orientation programmes for the staff on 'Teaching and Learning' are conducted regularly.
 - Top scorers in each Department and University Rank Holders are honoured at the College Day function.
 - Well equipped Laboratory support
 - Power point Presentations
 - College library is well-equipped with 16723 books, 14 journals in addition to the e-books and digital resources, and it is complemented by the Department libraries.
 - College provides opportunity to the teachers to attend orientation and refresher courses to make improvements in teaching.

- Feedback on teaching which enables the teachers to correct themselves.
- Bridge course before the commencement of the classes for the first year students.
- Remedial classes for slow learners
- E-resources (INFLIBNET)
- Research & Development
 - INFLIBNET facility to support research activities.
 - Additionally, the College has internet facilities.
 - The College encourages all the faculty members to participate in various research seminars/ workshops/ conferences.
 - National and state-level seminars are organized to promote research culture.
 - Eminent scientists and speakers are invited from research institutions, Universities and industries to share the latest development in the respective fields.
 - The College has a Research Committee to promote research aptitude among staff and students. Work is in progress to bring out a multi-disciplinary research journal.
 - As of now, the College doesn't have research centres. But it has five M.Phil. Departments. The College encourages its staff to do Ph.D. Also the College encourages its staff and students to publish research articles in national/international journals. Encourages its staff and students to present papers in Seminars/ Symposia/ Conferences.
 - Subscribing research journals
 - Acquiring research related instruments
- Community engagement
 - Social Activities for Village Empowerment (SAVE), comprising of the three NSS units, YRC, RRC, Consumer Club and Campus Improvement and Eco club, carries out community activities. Organises awareness programmes, camps, rallies in and around the College. Celebrates international days. This academic year (2015-16) being dedicated to Community Services, special thrust to programmes targeting the under-developed backward community surrounding the College.
 - The three units of NSS conduct annual camps every year.
 - Visits and services to orphanages and old-age homes.
 - Departments also carry out extension activities/community services.
- Human resource Management
 - There is a Human Resources and Motivation Cell. The Cell conducts motivational programmes for the students at regular

intervals. The Cell organises entrepreneurial skill development training programmes for the students

- Various skill development programmes available to the students.
 - o Spoken English Classes
 - o Hindi Classes
 - o Tally, M.S.Office and .Net
 - o Music Classes
 - Keyboard playing
 - o Tailoring Classes
 - o Two Wheeler & Four Wheeler Driving
 - o Coaching for Competitive Exams
 - o Training for Uniformed Services
 - o Beautician Course
 - o Arts & Crafts
 - Students are given responsibilities at various levels, viz., Committees, Departments and College.
- Industry interaction
- Industry visits
 - Project works done by our students at various industries
 - Industry people invited for lectures
 - Campus interviews conducted by Companies

6.2.5 How does the Head of the institution ensure that adequate information (from feedback and personal contacts etc) is available for the top Management and the stake holders to review the activities of the institution?

- The Principal communicates with the stakeholders through staff meeting, Staff Council, Students' Council, PTA and Alumni Association.
- Report of the PTA meetings
 - Report of the Alumni Association meetings
 - Report of the staff meetings
 - Report of the Staff Council meetings
 - Report of the Students' Council meetings
- The issues raised, discussed and decided at staff meeting, Staff Council and the Students' Council are regularly reviewed by the Ex-officio Cell, comprising of President, Secretary and Treasurer of Annai Velankanni College Administrative Board, The Principal and the Staff Secretary.
- The Management interacts with the faculty members during the staff meetings. At the staff meetings, the staff members propose suggestions for improvements and air their grievances.

- To improve the performances of the students in examinations, we have result analysis after the publishing of University results once in every semester.
- Daily report is maintained by the Principal and communicated to the Management.
- Handbook, Magazine and the annual report provide adequate information about the College to the stakeholders.

6.2.6 How does the Management encourage and support involvement of the staff in improving the effectiveness and efficiency of the institutional processes?

Committees are constituted with clearly defined roles for carrying out various activities. Departments are also assigned clearly defined tasks to accomplish, apart from academic affairs. Progress made by the Departments and Committees is reviewed by the Principal at least once a semester. And there is performance audit once in every semester. The Management and the Principal are in constant touch with the Heads of the Departments and Conveners of the Committees. Moral and Financial support is always made available. Appreciation and encouragement is always forthcoming whenever a task is successfully accomplished.

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

Annai Velankanni College Administrative Board is the Management Council of the College. The Administrative Board meets once a month. Resolutions made by the Administrative Board in the last year are enumerated below.

- Meeting dated 04-01-2015
 - The resignation of Dr. A. Savarimuthu, Principal, Annai Velankanni College was accepted.
 - The Administrative Board decided to appoint Dr. J. Stephen Davis, Asso. Prof., Department of Commerce, Annai Velankanni College as Principal from the date of 05. 01. 2015.
 - Vice Principal Mr. B. Joseph Antony continue to be the Vice Principal.
 - Resolved to conduct the Administrative Board meeting every third Sunday of the month at 3:00 P.M.
- Meeting dated 18. 01. 2015
 - It was resolved to get a plan for the Boys' waiting shed prepared.
 - Alumni Association was granted permission to build a vehicle shed.

- Administrative Board appreciated the work put up by the office staff in helping 346 students receive post matric scholarship.
- Newly recruited staff members shall be allowed to register for doctoral programme only after the completion of two year probation period.
- Meeting dated 15. 02. 2015
 - The new fee structure proposed for the academic year 2015-16 was approved by the Administrative Board.
 - A subcommittee was formed to settle the problems associated with the two societies.
 - It was decided to study the possibility of establishing a B.Ed College.
- Meeting dated 15. 03. 2015
 - The Administrative Board resolved to add a new bus to the existing fleet of 5 buses of the College.
 - The Administrative Board decided to open a current account in the State Bank of India, Karungal.
 - Decided to install CCTV cameras in the College premises.
 - It was resolved to appoint a women Vice Principal to take care of the women students.
- Meeting dated 19.04.2015
 - It was decided to convene the General Body of the Annai Velankanni College Administrative Society on 24 - 05 – 2015.
 - It was decided to construct classrooms in the proposed library block.
 - In order to construct classrooms, the Administrative Board decided to take a loan of 70 lakh rupees.
 - The Administrative Board has accepted to increase the sports fee from Rs 60/- to Rs 100/-
 - The request of the Zoology Department to start PG Zoology Course will be considered the next academic Year.
- Meeting dated 17. 05. 2015
 - The treasurer presented the audited annual report of the accounts for the year 2014-2015.
- General Body Meeting dated 24.05. 2015.
 - It was resolved to appoint M/s Louis & Co., Chartered Accountants, Nagercoil as the external auditors to audit the accounts for the year 2015-16.
 - It was decided to amalgamate the two societies, viz., Annai Velankanni College Administrative Society and Friends of Kottar Society.
 - It was resolved to bring all the members of Annai Velankanni College Administrative Society under the general body of Friends of Kottar Society.

- Meeting dated 21. 06. 2015
 - The staff who resigned voluntarily shall not be reinstated, hereafter.
 - It was resolved to make a Part-time appointment in the Department of Mathematics so that the Mathematics faculty who was also the Convener of NAAC Steering Committee could carry out NAAC Accreditation related activities.
 - It was resolved to reduce the fee for M.Sc Computer Science from 18000/- (Eighteen thousand only) to 14000/- (Eighteen thousand only).
 - Those who resign their job from Annai Velankanni College, Tholayavattam shall hereafter be required to give three months' notice to the Management.
- Meeting dated 19. 07. 2015
 - The request of the Physical Director to make use of the College Auditorium as the shuttle-cock indoor auditorium is rejected.
 - As per the request of the staff, in connection with the decision regarding three months' notice to the Management, the Administrative Board decided that the decision already taken would be binding on those who become confirmed on or after December 2015 and all those become confirmed on or before 2014 would be exempted from the decision.
- Meeting dated 16. 08. 2015
 - The Administrative Board approved the appointment of the new Principal Dr.S.Maria John.
 - The Administrative Board permitted to conduct Hindi classes, on all holidays and Saturdays.
 - With regard to the decision taken at the Administrative Board meeting dated 19-04-2015, in connection with availing loan to construct classes, it was decided to close existing Fixed Deposits with the permission of Friends of Kottar, instead of availing a loan.
- Meeting dated 20. 09. 2015
 - It was decided to construct a waiting shed for girls after the completion of the library building.
 - It was decided to call a Doctor to assess and address the health issues of our students once in a week.
 - It was decided to construct the Library Block as per labour contract on square feet basis.
- Meeting dated 18. 10. 2015
 - Fr. M. Aruldevadason, Secretary, Friends of Kottar announced at the meeting that the two societies, viz., Annai Velankanni College Administrative Society and Friends of Kottar Society were amalgamated on 09-10-2015.

- It was decided to withdraw the suit filed at the Madras High Court, in connection with the two societies, through the advocate Issac Mohanlal.
 - It was decided to invite quotations for the construction work of the Library Block as per labour contract on square feet basis.
 - Those who completed two years probationary period are allowed to join part time P.hD programmes.
- Meeting dated 15. 11. 2015
- Principal participated in this meeting and explained about the necessity of NAAC Accreditation to the Administrative Board members.
 - It was resolved to change all the SB accounts the name of the Annai Velankanni College Administrative Society to Annai Velankanni College, C/O Friends of Kottar Society.
 - Sub-committees like, Legal Committee, Building Committee, Purchase Committee, Appointment Committee and Technical Committee were formed.
 - The task of writing procedures for further appointments was entrusted to the Appointment Committee.
- Meeting dated 20. 12. 2015
- The draft of Modus Operandi for appointment of staff was discussed in detail and corrections were made.
 - As the Administrative Board celebrated Christmas, no agenda were discussed.
- Meeting dated 17. 1. 2016
- The Administrative Board permitted to construct a Notice Board for the students.
 - The quotation submitted by Mr.Sathyanesan Contractor was approved in connection with the construction of the Library Block.
 - After getting opinion from the Fire & Safety Department, works connected with the additional staircase for the M.C.A Block would be started.
 - In connection with the Staff Council's request for a car shed, pointing out the existing car shed, the Management agreed to construct a car shed with an accommodation for three cars.
 - Rejected the idea of face recognizer in the place of finger print finder.

6.2.8 Does the affiliating University make a provision for according to the status of autonomy to an affiliated institution? If 'yes', what are the efforts made by the institution in obtaining autonomy?

Yes, the affiliating University makes a provision for according the status of autonomy to an affiliated Institution. As per UGC norms for according the status of autonomy, the College should have 10 years of completion and 2f and 12b status. We are in the process of getting 2f and 12b status.

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

- To attend to grievances of the students, the following systems are available.
 - Students' Council
 - Class in-charges
 - Students' Grievances Redressal Cell.
 - Generally the students orally make their complaints to the Class in-charges, faculty, Heads or Principal and get them redressed.
- The Staff has no such grievances redressal mechanism. But staff make their representations either orally or in writing to the Management or the Principal. In the staff meeting or in the Department meeting convened by the Management/Principal also, the staff make their representations.
- Even though the institution has a Students' Grievances and Redressal Cell for the students written complaints are not generally received from the students. The students generally prefer oral representation. By contacting their respective Class in-charges and HODs, the students get their grievances resolved. Only, if need be, the members of the Students' Grievances and Redressal Cell intervene.

6.2.10 During the last four years, had there been any instances of court cases filed by and against the institute? Provide details on the issues and decisions of the courts on these?

- Court cases during the past four years
 - Case filed by the Management in connection with getting minority status for the College. – Pending.
 - A.Mohammed Janaid Zamam, S/O Ahamed Khan vs (i) Annai Velankanni College, Tholayavattam represented by its Principal and (ii) The Correspondent, Annai Velankanni College, Tholayavattam [O.S.Number 183/2011]. – Pending.
 - Case regarding affiliation of B.Sc Zoology degree course. – Received affiliation for the B. Sc. Zoology degree course from the affiliating University.

6.2.11 Does the Institution have a mechanism for analyzing student feedback on institutional performance? If yes, what was the outcome and response of the institution to such an effort?

- The College collects feedback from the students, outgoing students on institutional performance. The alumni are also asked to provide a feedback about the College and suggestions for improvement. The suggestions for the development of the College have been well taken and implemented.
- Outcome and response of the institution to such an effort.
 - The institution responds to the students' feedback and the following were added to the existing facilities.
 - o Better toilet facilities/ Additional toilet facilities are provided
 - o Waiting shed for boys
 - o Bus concession
 - o Bus facility to all possible routes
 - o Students' Council
 - o Alumni batch wise meet
 - o Department wise alumni meet
 - o New library block is under construction.
 - o Vehicle Shed

6.3 Faculty Empowerment Strategies

6.3.1 What are the efforts made by the institution to enhance the professional development of its teaching and non teaching staff?

Efforts to enhance the professional development of the staff members

- To enhance the professional development of the teaching staff, the College conducts various programmes. IQAC of our College is in charge of conducting these programmes.
- The teaching staff are encouraged to attend Seminars/Workshops, present papers in Seminars/Workshops, act as Resource Persons and give Guest Lectures in other Colleges/institutions. Teaching staff act as resource persons in programmes conducted in our College too.
- The Management encourages the teaching staff to utilize the infrastructure facilities available in the College, such as net facilities, laboratories, library, periodicals, journals and e-resources to equip themselves.
- The teaching staff are encouraged to register for Ph.D, carry-out research activities and publish papers in national/international research journals.

- Orientation programmes are arranged to Non-teaching staff also. Office is computerized and hence the office staff are trained in computers.

6.3.2 What are the strategies adopted by the institution for faculty empowerment through training, retraining and motivating the employees for the roles and responsibility they perform?

- IQAC takes the responsibility of training, retraining and motivating the employees for the roles and responsibility they perform. IQAC has organized the following programmes for the teaching as well as the non teaching staff of the College. Programmes conducted by IQAC are listed in Annexure I.
 - **Vide numbers 3,4,5,6,7,8,9,10,11,12,13,14,15,16,18, 20,21,22 23 and 24 of Annexure I. Numbers 1 and 2 of Annexure I were conducted before IQAC was established.**

6.3.3 Provide details on the performance appraisal system of the staff to evaluate and ensure that information on multiple activities is appropriately captured and considered for better appraisal.

- Performance appraisal system
 - Every year the faculty members submit the performance appraisal reports to the Principal. IQAC reviews the performance appraisal reports.
- Students' feedback on the performance of the teachers.
 - Feedback is communicated to the staff for them to make necessary improvements.
- Informal evaluation by the Head of the Institution
 - Surprise class visits
 - Casual communications with students, parents and alumni
 - The participation of the teachers in various College affairs is closely monitored by the Principal. Specific issues, such as the following are assessed by the Principal through direct interaction with the staff.
 - Punctuality in attending meetings and classes.
 - The pattern of availing leaves.
 - Completion of syllabus.
 - Valuation of answer sheets on time.
 - Adhering to schedules and deadlines.
 - Lack of efforts in carrying out responsibilities.

6.3.4 What is the outcome of the review of the performance appraisal reports by the Management and the major decisions taken? How are they communicated to the appropriate stakeholders?

- On the basis of the review of the performance appraisal reports, communications are made to the staff
 - through the staff meeting, if findings are general in nature the Principal directly speaks to the particular staff, if situation warrants.
- The achievements of the staff are duly recognized/ appreciated/ encouraged. The achievements are communicated to the stakeholders through the Principal's report at the time of College Day and through the College's annual magazine.

6.3.5 What are the welfare schemes available for teaching and non teaching staff? What percentage of staff have availed the benefit of such schemes in the last four years?

- Welfare schemes available for teaching and non teaching staff
 - Provident Fund.
 - Gratuity.
 - Leave facilities.
 - OD for attending FDP and other orientation programmes.
 - To avail loans.
 - Incentive for Ph.D. holders.
 - Support to present papers in international conferences
 - On Duty provision
 - Registration fee borne by the Management.
- Festival gift
- Staff tour once a year

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

- Encouragement to do Ph.D.
- Ph.D holders get incentives and duly recognized.
- Honouring 25 years service completed staff.
- Conducive working atmosphere
- Good interpersonal relationship among staff.
- Cordial relationship between Management and faculty.
- Faculty members are appreciated and recognised for the contribution they make by actively participating and fulfilling their responsibilities in various Committees.
- Management lends patient hearing to the grievances raised by the staff and takes prompt efforts to address them.

6.4 Financial Management and Resource Mobilization

6.4.1 What is the institutional mechanism to monitor effective and efficient use of available financial resources?

- Auditing is carried out every year and audit report is submitted to the general body of the Annai Velankanni College Administrative Board.
- Monthly report of the financial transactions is submitted to the Administrative Board every month.
- Prior permission from the Administrative Board is needed for carrying out major expenditures.

6.4.2 What are the institutional mechanisms for internal and external audit? When was the last audit done and what are the major audit objections? Provide the details on compliance.

- As external auditing is carried out by Company Auditors every year, the last auditing is done for the financial year 01-04-2015 to 31-03-2016.
- So far, there are no major audit objections.

6.4.3 What are the major sources of institutional receipts/funding and how is the deficit managed? Provide audited income and expenditure statement of academic and administrative activities of the previous four years and the reserve fund/corpus available with Institutions, if any.

- Major sources of funding are
 - Fee Collection
 - Interests from deposits
 - Assistance from Friends of Kottar
- Audit Report attached in Annexure IV.

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

- Being a self-financing institution in the unaided sector, the College does not receive any financial grants from the State Government or other external agencies. All types of financial requirements are met from the fees collected from the students and from the Institution's own corpus of funds.
- Alumni and well-wishers voluntarily extend their support for setting up of endowments and other infrastructural facilities.
- Friends of Kottar Society funds major expenditures like construction of buildings.

6.5 Internal Quality Assurance System (IQAS)

6.5.1 Internal Quality Assurance Cell (IQAC)

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

- The institutional policy with regard to quality assurance
The institution commits itself to make the students competent enough to fulfil global needs by,
 - o making them employable
 - o making them research oriented
 - o making them socially oriented,
 - o making them environmentally conscious
 - o making them nation builders
 - o making them team builders
 - o inculcating values and
 - o contributing to holistic development of the students as envisaged in the Vision and Mission statement of the institution, keeping the core values of NAAC as guiding principles.
- Institutionalizing the quality assurance processes
IQAC identify activities to be carried out to materialize the institutional policy with regard to quality assurance and these activities are assigned to various Committees. At Department level, the Departments themselves carry out these activities. Feedback from students, result analysis and performance audit conducted every semester are the monitoring mechanisms in place.

b) How many decisions of the IQAC have been approved by the Management / authorities for implementation and how many of them were actually implemented?

- The decisions that have been approved by the Management for implementation/ authorities for implementation
 - o Student profile
 - o Departmentwise PTA
 - o Course file
 - o Remedial for weaker students
 - o Staff orientation programmes
 - o Orientation programmes for students
 - o Career oriented programmes through placement cell
 - o Add- On courses

- o Creating science temper among students and in society
- o Collaboration with other institutes
- o Improving ICT facilities
- o Academic Audit
- o Library automation
- o Organizing gender sensitization and student empowerment programmes.
- o Organizing faculty development programmes.
- o Honouring staff members who publish papers
- o Publication of research journal
- o Registration of alumni association
- o NCC, Rover Club
- o Seminar Hall
- o College Counselor
- o Website Updation
- o Inter Departmental competitions

c. Does the IQAC have external members on its committee? If so, mention any significant contribution made by them.

Yes. The IQAC has two external members on its Committee.

1. Dr. M. John Joseph, Associate Professor(Retd), Arulanandar College(autonomous), Karumathur, Madurai Dt. Now residing at Nagercoil.
2. Dr. C. Bright, Associate Professor, NVKSD College of Education, Attoor, Kanyakumari Dt.

Both of them are active members of the Internal Quality Assurance Cell of their respective institutes and have rich experience in NAAC Accreditation process. We consult them on a regular basis and they contribute with their rich experience.

d. How do students and alumni contribute to the effective functioning of the IQAC?

- The alumni render valuable services to the College by instituting scholarships, delivering lectures on their areas of specialization, providing monetary support in developing infrastructure and giving their valuable suggestions at the time of alumni meetings on various aspects of functioning of the College.
- The feedback collected from the students and the alumni is helpful in identifying areas which require attention.
 - o Infrastructure
 - o Teaching and learning
 - o Career guidance and placement

e. How does the IQAC communicate and engage staff from different constituents of the institution?

- The IQAC conducts orientation programmes for the staff and make them aware and sensitizes them with the quality assurance parameters.
- As faculty of various Departments and members of various Committees, they are assigned responsibilities in materializing the quality assurance parameters. They are communicated and engaged through meetings, circulars and Principal's interaction.

6.5.2 Does the institution have an integrated framework for Quality assurance of the academic and administrative activities? If 'yes', give details on its operationalisation.

- The academic/curricular activities are carried out by the Departments. Co-curricular and extra-curricular activities are also carried out by various Committees and Departments. Necessary inputs and guidance on things like curriculum implementation, maintenance of course file, remedial coaching, research activities, functioning of the library, the teaching-learning process, students' support activities, infrastructure, research and extension activities are given to them through the NAAC Steering Committee. Reports are submitted to the IQAC/NAAC Steering Committee. Academic Audit Cell conducts performance audit every semester.
- Issues/matters discussed/decided at staff meeting/Council are reviewed at Ex-officio Cell meeting for effective implementation.

6.5.3 Does the institution provide training to its staff for effective implementation of the Quality Assurance procedures? If 'yes', give details enumerating its impact.

- Yes. The institution provides training to its staff for effective implementation of the Quality assurance procedures.
- NAAC Steering Committee is divided into seven teams based on the seven criteria. These criterion teams guide and monitor the faculty of each Department and the conveners of various Committees on Quality Assurance procedures. Criterion Team Leaders report the progress at NAAC Steering Committee meetings.

IQAC conducted the following programmes for the staff on Quality Assurance procedures. Programmes conducted by IQAC are listed in Annexure I.

- **Vide numbers 3,4,5,6,7,8,9,10,11,12,13,14,15,16,18,20,21,22, 23 and 24 of Annexure I .**

6.5.4 Does the institution undertake Academic Audit or other external review of the academic provisions? If 'yes', how are the outcomes used to improve the institutional activities?

- Academic Audit Cell undertakes Academic Audit every semester.
- Evaluation by Review Committees/Commissions from University
- Reports sought by Government/University

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

The external regulatory authorities of the institution are Manonmaniam Sundaranar University, Tirunelveli and Government of Tamil Nadu and the College complies with the University and State Government norms.

The College is in the process of going for First Cycle NAAC Accreditation. Therefore efforts are on to comply with NAAC Accreditation requirements.

The College is in the process of getting 2f recognition.

6.5.6 What institutional mechanisms are in place to continuously review the teaching learning process? Give details of its structure, methodologies of operations and outcome?

- Result Analysis is done every semester.
- Feedback obtained from students every semester
- Three internal tests and one model exam every semester
- Assignments, Seminars, Projects
- University Examinations
- Remedial for slow learners

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

- Internal stakeholders
 - The quality assurance policy of the institution, as formulated by IQAC, is to carry out the curricular, co-curricular, extra-curricular activities and the student support activities in such a way that objectives of Vision and Mission statement of the Institute and the core values of NAAC are realized. Measures to materialize the quality assurance policy are identified and responsibilities are assigned to the internal stakeholders.

Meetings are regularly conducted to communicate what is expected of them and to monitor the progress made.

- Feedback system in place to take corrective measures and to make improvements.

➤ External stakeholders

- The meeting of the Parent Teacher Association is conducted once every semester.
- The meeting of the Alumni Association is conducted once every year.
- The Vision and Mission statement of the Institute is communicated to both internal and external stakeholders through the Handbook and the College website and exhibited through display boards at vantage points inside the College.

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

CRITERION VII

INNOVATIONS AND BEST PRACTICES

7.1 Environment Consciousness

7.1.1 Does the Institute conduct a Green Audit of its campus and facilities?

Yes. The College has a vast, beautiful, green and eco-friendly campus. The College has taken many efforts to maintain the eco-friendly environment. The College has a beautiful avenue with Casuarina trees. The College campus provides a pleasant atmosphere for students.

In the College campus, there are variety of trees, shrubs and flowering plants. Two gardeners nurture the plants (watering, applying manure, pruning, etc). The College campus is complete with different kind of trees including coconut trees, mango trees, teak, etc. Regular weeding and fortification of the top soil with fertilizers keep the garden evergreen.

The Campus Improvement and Eco Club and Gardening and Cleanliness Committee play an important role in keeping the environ of the campus evergreen. The Campus Improvement and Eco Club made a survey in our campus and according to the survey, there are 436 trees in our College. The club labeled some of the plants with their botanical names and displayed important quotations regarding environmental protection. To create awareness about the necessity of saving 'Environment' among the students, the Club celebrates International Days such as Hiroshima Day and World Ozone Day.

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

Energy conservation

Reminders are displayed in class rooms to save electricity. Students as well as staff are instilled the habit of switching the electricity appliances of when not in use. As the class rooms are well-ventilated and receive sufficient day light, use of electricity is kept to the minimum.

Use of renewable energy

The institution has no mechanism for the use of renewable energy.

Water harvesting

Rain water harvesting pits are available in every building. These pits help in recharging the ground water and thereby increase ground water level. The topography of our campus is such that it can hold and absorb all rain water that falls within our campus.

Efforts for Carbon Neutrality

The institution has a lot of greenery in its campus. Saplings are planted at regular intervals. To reduce the carbon-di-oxide level inside the class rooms, money plants (*Epipremnum Scindapsus Aureum*) are kept. Money plants release more oxygen. Some of our staff members practicing the 'car pooling' which reduces the emission of carbon-di-oxide and carbon monoxide which leads to air pollution. Carbon emitting equipment are kept to a minimum inside the campus.

Plantation

Green environment is preserved in our campus. Approximately 436 trees are there in the campus. Every year saplings are planted in the premises. Department of Zoology has an organic farm inside the campus to generate awareness regarding the harmful effects of pesticides and insecticides on environment among the students.

Hazardous waste management

In order to make the campus plastic-free, awareness programmes are arranged and necessary guidelines are drafted by Eco club. In canteen, the beverages are supplied in paper cups and glass tumblers. The usage of plastic bags is banned in the campus.

E-waste management

Regular Maintenances of electrical and electronic goods are carried out in labs and class rooms by the electricians and service engineers to reduce e-waste. After life time is over the computers are sold as scrap to the vendors from Madurai who recycle its parts.

7.2 Innovations

7.2.1 Give details of innovations introduced during the last four years which have created a positive impact on the functioning of the College.

Campus Radio

Campus Radio Programme was started in the academic year 2014-2015. Every day during lunch interval the programme is broadcasted live. As per schedule, the students perform the programme every day. Campus Radio Programme includes General Awareness, Employment Tips, Health Tips, Thirukkural, Jokes, Importances of the Day.

SAVE (Social Activities for Village Empowerment)

College – community interaction is the strength of our College. Since its inception, the College attaches lot of importance to organising community-oriented activities and encouraging students to take part in those activities in large numbers so that they become service oriented and thus contributing to good citizenship and nation building. 'SAVE' was formed in our College in the academic year 2015-16, comprising the NSS units, RRC, YRC, Consumer club, Campus Improvement and Eco Club and Gardening and Campus Cleanliness. 'SAVE' supplements the

curricular activities with extension and reach out programmes. 'SAVE' makes the students socially oriented and ensures the holistic development of the students.

Providing 'The Hindu' Newspaper

Providing 'The Hindu' Newspaper to the students at a low cost is to develop the reading habit of the students, to develop the vocabulary skill in English, to improve their level of general awareness and the knowledge of current affairs and thus making them perform well at competitive exams and also the regular reading habit contribute to the development of their personality.

Opening Bank Accounts, Bank loans & Passports

Our institution provides every support to the students for availing educational loans from banks. The educational loans are arranged under state and central government schemes. Further, our institution helps students to open bank accounts. The Institution assists the students in getting Passports too.

Neo Navigation

Neo Navigation Cell was formed during the academic year 2014-2015. M.Phil. students constitute the cell with a staff advisor. The purpose of the cell is to take recent developments/recent findings in a subject to students/community.

Ex-officio Cell

Ex-officio Cell was formed during the academic year 2014-2015 with the aim of evaluating the process of implementation of what is communicated to the Staff by the Management through Staff Meeting or otherwise and ensuring the implementation. Ex-officio Cell also acts as a mechanism which provides information for the top Management to review the activities of the institution. The Ex-officio Cell reviews the minutes of Staff Council meeting, Staff meeting and Students' Council meeting.

Opportunity for our students to teach

- Our students are provided opportunity to teach in nearby schools
 - Once in every year
 - To the middle and high school students
 - Our students' using PPP as a teaching tool found welcome among the school students and authorities.
- Peer teaching by our students

7.3 Best Practices

7.3.1 Best Practice – I

1. Title of the Practice

Students' Welfare Fund

2. Goals of the Practice

- o To help students from socially and economically poor background in their studies.
- o To check students' drop out.
- o To encourage students from socially and economically poor background with good and consistent academic award.

3. The Context

Our institution is a rural based one. Above 90% of our students are hailing from under privileged sections of the society and most of them are from poor families. Generally, they are not economically sound enough to complete their studies as most of the parents are coolies with meager income. To address this issue, institution has a system, though in a small way, to lend them a helping hand in continuing their studies in extremely disserving cases.

4. The Practice

The Student's Welfare Fund has been active and dedicated to safeguard the interests of students who are good at studies with very low income and thus find it difficult to proceed with their studies. The fund has been raised from the voluntary contributions from Students and Teachers. Proceeds from Food mela organized once in a year (till 2014-15) and proceeds from sale of beverages and eatables during celebrations also pooled into Student's Welfare Fund.

The Student's Welfare Fund pays 50% of fee every semester. The applications received are scrutinized by the office bearers of the Student's Welfare Fund and select the students on the basis of the economic background. To become eligible to receive financial assistance from the Student's Welfare Fund, the students should have no arrears in University Exams. The number of students selected for assistance is subject to the availability of funds. Students of all semesters, except the first semester, are eligible to receive financial assistance. Students who availed the benefits should apply afresh for the next semester.

5. Evidence of success

- o The students at risk of drop out, get benefitted.
- o It helps the poor students continue their studies.
- o Voluntary contribution from staff and students on the rise every year.
- o It develops helping mentality among students.
- o Poor students are able to continue their studies with confidence.

6. Problems Encountered and resources required

- o Poor students with arrear will not be benefitted.

- o All deserving students are not benefitted, due to lack of sufficient fund.

7. Contact Details

- o Name of the Principal : Dr. S. Maria John
- o Name of the Institution : Annai Velankanni College,
Tholayavattam
- o City : Karungal
- o Pin Code : 629 157
- o Work Phone : 04651-234651
- o Website : www.annaicollege.org
- o Mobile : 9442025030
- o Fax : 04651-235270
- o E-mail : drsmjohn@gmail.com

7.3.2 Best Practice – 2

1. Title of the Practice

Monitoring Students' Discipline – Discipline Committee.

2. Goals of the Practice

- o To maintain discipline inside the campus and hence ensuring congenial and learner friendly atmosphere.
- o To make the students self disciplined.
- o To make the ragging free and sexual harassment free campus.
- o To ensure that students adhere to the codes of the institution.

3. The context

As the College stands for making significant contribution to develop economically and educationally identified under developed backward areas and the people of the region also expecting the same, it is the first and foremost responsibility of the College to ensure that the ideals of the founding fathers of the College and the expectation of the people of the region are realized. For that to materialize, an atmosphere conducive for learning must prevail inside the College campus so that optimum utility can be derived from the College by our students. The College wants to ensure for any single individual, male or female, faculty or student, the stay inside the campus remains comfortable, peaceful and pleasant and free from any kind of trouble or sufferings due to mischievous acts, harmful or harmless. So the College, in its efforts to ensure the same, puts in place a system of 'Monitoring Students' Discipline'.

4. The Practice

The 'Discipline Committee' has six conveners with the Principal as the Head. The staff members are distributed under the six conveners. Every day, morning and at lunch interval, the

staff members monitor the students from their allotted places. The conveners of the respective days coordinate the monitoring activities. The students are directed or insisted on the right way if they indulge in any mischievous behavior.

5. Evidence of Success

- o Proper discipline maintained inside the campus.
- o Students follow good manners.
- o No ragging and no sexual harassment.
- o Quarrels among the students are kept to a minimum.

6. Problems Encountered and Resources Required

- o Students are kept under the watchful eyes of the teachers all the time.
- o No replacements for the teachers who are on leave.

7. Contact Details

- o Name of the Principal : Dr. S. Maria John
- o Name of the Institution : Annai Velankanni College,
Tholayavattam
- o City : Karungal
- o Pin Code : 629 157
- o Work Phone : 04651-234651
- o Website : www.annaicollege.org
- o Mobile : 9442025030
- o Fax : 04651-235270
- o E-mail : drsmjohn@gmail.com

D. EVALUATIVE REPORT OF THE DEPARTMENTS

DEPARTMENT OF TAMIL

1. Name of the Department : TAMIL
2. Year of Establishment : Part I - Tamil - 1987
: U.G.- 2013
: P.G.- 2014
: M.Phil-2015
3. Names of programmes/ Courses offered (U.G., P.G., M.Phil., Ph.D., Integrated Masters; Integrated Ph.D.,etc.)
➤ U.G. - B.A. Tamil
➤ P.G. - M.A. Tamil
➤ M.Phil. Tamil
4. Names of Interdisciplinary courses and the departments / units involved : Nil
5. Annual / semester / Choice Based Credit System (Programme wise)
➤ B.A. Tamil : Choice Based Credit System
➤ M.A. Tamil : Choice Based Credit System
➤ M.Phil. Tamil : Choice Based Credit System
6. Participation of the department in the courses offered by other departments : Nil
7. Courses in collaboration with other universities, industries, foreign institutions, etc. : IIMT College of Animation, Marthandam
8. Details of courses / programmes discontinued (if any) with reasons : Nil
9. Number of Teaching posts (2015 - 2016)

Designation	Sanctioned	Filled
Professors	-	-
Associate Professors	-	-
Assistant Professors	-	12

10. Faculty profile with name, qualification, designation, specialization (D.Sc/ D.Litt./ Ph.D./ M.Phil. etc.) as on 31.03.2016

Name	Designation	Specialization	No. of years of experience	No. of M. Phil. students guided for the last 4 years
Mrs. C. Ajitha	Assistant Professor	Grammer, Modern Literature	7 Years 9 Months	1
Dr. C.Little Flower	Assistant Professor	Modern Literature	4 Years 3 Months.	1

Mrs.R. Subaja	Assistant Professor	Modern Literature	2 Years 9 Months	-
Dr. S. Stalin Sathiya	Assistant Professor	Grammer	2 Years 9 Months	1
Mrs. Y. Lalitha	Assistant Professor	Modern Literature	1 Year 9 Months	1
Dr. P.S. Rajesh	Assistant Professor	Tamil & Malayalam Grammer, Ancient, Medivel, Modern Literature and Indian Philosophy	1 Year 9 Months	1
Dr. A. Christal Sheeba	Assistant Professor	Modern Literature	1 Year 9 Months	1
Mrs. R. Mabel Rani	Assistant Professor	Modern Literature	1 Year 4 Months	-
Dr. R. Adlin Jeba	Assistant Professor	Modern Literature, Grammer,	9 Months	1
Dr. K. Aji	Assistant Professor	Grammer	9 Months	1
Miss. S. Thanga Preetha	Assistant Professor	Folk Lore and Modern Literature	9 Months	1
Mrs. E. Rejila Mary	Assistant Professor	Modern Literature,	7 Months	1

11. List of senior visiting faculty : Nil
12. Percentage of lectures delivered and practical class handled (Programme wise) by temporary faculty : Nil
13. Student-Teacher Ratio (Programme wise) : B.A. - 34:1
M.A. - 6:1
M.Phil. - 13:1
14. Number of academic support staff (technical) and administrative staff; Sanctioned and filled
Academic support staff (technical) : Nil
15. Qualification of teaching faculty with : Ph.D.-6
D.Sc / D.Litt / Ph.D / M.Phil / PG : M.Phil.-6
16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received : Nil
17. Departmental projects funded by DST-FIST, UGC, DBT, ICSSR, etc. and total grants received : Nil

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

19. **Publications:**

➤ **Publication per faculty**

Sl.No.	Name of the staff	No. of Publications		
		ISBN No.	ISSN No.	Total
1.	Mrs. C. Ajitha	3	-	3
2.	Mrs. C. Little Flower	7	-	7
3.	Mrs. R. Subaja	7	1	8
4.	Dr. S. Stalin Sathiya	5	-	5
5.	Mrs. Y. Lalitha	7	-	7
6.	Dr. P. S. Rajesh	2	-	2
7.	Dr. A. Christal Sheeba	3	-	3
8.	Mrs. T. Mabel Rani	3	-	3
9.	Dr. R. Adlin Jeba	1	-	1
10.	Dr. K. Aji	2	-	2
11.	Miss. S. Thanga Preetha Malar	7	-	7
12.	Mrs. E.Rejila Mary	3	-	3

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

Sl. No.	Name of Faculty	Number of Publications	
		National	International
1.	Mrs. C. Ajitha	3	-
2.	Dr. C.Little Flower	7	-
3.	Mrs.R. Subaja	7	1
4.	Dr. S. Stalin Sathiya	5	-
5.	Mrs. Y. Lalitha	7	-
6.	Dr. P. S. Rajesh	2	-
7.	Dr. A. Christal Sheeba	2	1
8.	Mrs. Mabel Rani	3	-
9.	Dr. R. Adlin Jeba	1	-
10.	Dr. K. Aji	2	-
11.	Miss. S. Thanga Preetha Malar	5	2
12.	Mrs. E.Rejila Mary	3	-

➤ **Number of publications listed in International Database (for example: Web of Science, Scopus, Humanities International Complete, Dare Database – International Social Sciences Directory, EBSCO host, etc.): Nil**

➤ **Monographs : Nil**

➤ **Chapter in books**

: Nil

➤ **Books edited**

- Dr. P.S. Rajesh, Sub Editor, Marthandam Malai - Monthly Magazine.
- Dr. P.S. Rajesh, Editor, Yen Nanban, Weekly Magazine.
- Dr. P.S. Rajesh, Editor, Annai Mozhi, Monthly Magazine.

➤ **Journals with ISBN numbers with details of publishers**

Sl.No.	Name	ISBN Number	Details of Publications
1.	Mrs. C. Ajitha	978-81-92618371	Holy Cross College (Autonomous), Nagercoil
2.	Mrs. C. Ajitha	978-81-929216-1-7	தென்றல் பதிப்பகம்
3.	Mrs. C. Ajitha	978-97-80340-01-6	Octo Printers, Tholayavattam
4.	Dr. C.Little Flower	13-978-81-909074-4-6	கல்லூரி ஆசிரியர் குமரி தமிழ்ச்சங்கம், நாகர்கோவில்.
5.	Dr. C.Little Flower	978-81-907349-1-2	தமிழ் கலை இலக்கிய பெருமன்றம், குமரி மாவட்டம்.
6.	Dr. C.Little Flower	978-81-910216-6-0	குறிஞ்சி பதிப்பகம்
7.	Dr. C.Little Flower	978-81-926183-7-1	Holy Cross College (Autonomous), Nagercoil
8.	Dr. C.Little Flower	978-93-81006-83-2	செம்மூதாய் பதிப்பகம், சென்னை.
9.	Dr. C.Little Flower	978-81-929216-1-7	தென்றல் பதிப்பகம்
10.	Dr. C.Little Flower	978-97-80340-01-6	Octo Printers, Tholayavattam
11.	Mrs.R. Subaja	13-978-81-909074-6-0	கல்லூரி ஆசிரியர் குமரி தமிழ்ச்சங்கம், நாகர்கோவில்.
12.	Mrs.R. Subaja	978-81-910216-6-0	குறிஞ்சி பதிப்பகம்
13.	Mrs.R. Subaja	978-93-81006-83-2	செம்மூதாய் பதிப்பகம், சென்னை.
14.	Mrs.R. Subaja	978-81-926183-7-1	Holy Cross College (Autonomous), Nagercoil
15.	Mrs.R. Subaja	978-81-929216-1-7	தென்றல் பதிப்பகம்
16.	Mrs. R. Subaja	978-93-81-658-10-9	Proceedings of the Kanyakumari Academy of Arts and Sciences
17.	Mrs. R. Subaja	978-97-80340-01-6	Octo Printers, Tholayavattam
18.	Dr. S. Stalin Sathiya	978-93-80243-82-5	Raja Publications, Tiruchirapalli.
19.	Dr. S. Stalin Sathiya	978-81-929216-1-7	தென்றல் பதிப்பகம்
20.	Dr. S. Stalin Sathiya	978-81-926183-7-1	Holy Cross College (Autonomous), Nagercoil

21.	Dr. S. Stalin Sathiya	978-81-93-0440-1-8	பெயல் பதிப்பகம் உருமு தனலட்சுமி கல்லூரி, திருச்சிராப்பள்ளி.
22.	Dr. S. Stalin Sathiya	978-97-80340-01-6	Octo Printers, Tholayavattam
23.	Mrs. Y. Lalitha	978-93-81992-03-6	அன்னை வேளாங்கண்ணி மகளிர் கல்லூரி, சென்னை.
24.	Mrs. Y. Lalitha	13-978-81-909074-5-3	கல்லூரி ஆசிரியர் குமரி தமிழ்ச்சங்கம், நாகர்கோவில்.
25.	Mrs. Y. Lalitha	13-978-81-909074-6-0	கல்லூரி ஆசிரியர் குமரி தமிழ்ச்சங்கம், நாகர்கோவில்.
26.	Mrs. Y. Lalitha	978-81-926183-7-1	Holy Cross College (Autonomous), Nagercoil
27.	Mrs. Y. Lalitha	978-81-929216-1-7	தென்றல் பதிப்பகம்
28.	Mrs. Y. Lalitha	97978-93-81104-53-8	Holy Cross College (Autonomous), Nagercoil
29.	Mrs. Y. Lalitha	978-97-80340-01-6	Octo Printers, Tholayavattam
30.	Dr. P. S. Rajesh	978-81-929216-1-7	தென்றல் பதிப்பகம்
31.	Dr. P. S. Rajesh	978-97-80340-01-6	Octo Printers, Tholayavattam
32.	Dr. A. Christal Sheeba	978-81-907480-9-5	Proceedings of the International Seminar SBASH-2014
33.	Dr. A. Christal Sheeba	978-81-929216-1-7	தென்றல் பதிப்பகம்
34.	Dr. A. Christal Sheeba	978-97-80340-01-6	Octo Printers, Tholayavattam
35.	Mrs. T. Mabel Rani	13-978-81-909074-3-9	கல்லூரி ஆசிரியர் குமரி தமிழ்ச்சங்கம், நாகர்கோவில்.
36.	Mrs. T. Mabel Rani	978-81-926183-7-1	Holy Cross College (Autonomous), Nagercoil
37.	Mrs. T. Mabel Rani	978-81-929216-1-7	தென்றல் பதிப்பகம்
38.	Dr. R. Adlin Jeba	978-97-80340-01-6	Octo Printers, Tholayavattam
39.	Dr. K. Aji	13-978-81-909074-5-3	கல்லூரி ஆசிரியர் குமரி தமிழ்ச்சங்கம், நாகர்கோவில்.
40.	Dr. K. Aji	978-97-80340-01-6	Octo Printers, Tholayavattam
41.	Miss. S. Thanga Preetha Malar	978-93-81-658-10-9	Proceedings of the Kanyakumari Academy of Arts and Sciences

42.	Miss. S. Thanga Preetha Malar	978-93-81992-03-6	அன்னை வேளாங்கண்ணி மகளிர் கல்லூரி, சென்னை.
43.	Miss. S. Thanga Preetha Malar	13-978-81-909074-5-3	கல்லூரி ஆசிரியர் குமரி தமிழ்ச்சங்கம், நாகர்கோவில்.
44.	Miss. S. Thanga Preetha Malar	978-93-81992-76-0	அன்னை வேளாங்கண்ணி மகளிர் கல்லூரி, சென்னை
45.	Miss. S. Thanga Preetha Malar	13-978-81-909074-6-0	கல்லூரி ஆசிரியர் குமரி தமிழ்ச்சங்கம், நாகர்கோவில்.
46.	Miss. S. Thanga Preetha Malar	13-978-81-909074-7-7	கல்லூரி ஆசிரியர் குமரி தமிழ்ச்சங்கம், நாகர்கோவில்.
47.	Miss. S. Thanga Preetha Malar	978-97-80340-01-6	Octo Printers, Tholayavattam
48.	Mrs. E. Rejila Mary	13-978-81-909074-5-3	கல்லூரி ஆசிரியர் குமரி தமிழ்ச்சங்கம், நாகர்கோவில்.
49.	Mrs. E. Rejila Mary	978-93-81-992-60-9	அக்னி சிறகுகள், செய்யாறு
50.	Mrs. E. Rejila Mary	978-97-80340-01-6	Octo Printers, Tholayavattam

➤ **Journals with ISSN numbers with details of publishers**

Sl.No.	Name	ISSN Number	Details of Publications
104.	Mrs. R. Subaja	2249-4956	vl;Lj;njhifAk; Rw;Wr;#oYk; (Yettu thogaium sutru soozhalum)

- **Citation Index** : Nil
- **SNIP** : Nil
- **SJR** : Nil
- **Impact factor** : Nil
- **h-index** : Nil

➤ **Proceedings with ISBN Numbers by Faculty**

Sl.No.	Name	ISBN Number	Name and Details of Publisher
1.	Mrs. C. Ajitha	978-97-80340-01-6	இருபதாம் நூற்றாண்டு தமிழ் இலக்கிய படைப்புகளின் போக்குகள், Octo Printers, Tholayavattam
2.	Dr. C.Little Flower	978-97-80340-01-6	இருபதாம் நூற்றாண்டு தமிழ் இலக்கிய

			படைப்புகளின் போக்குகள், Octo Printers, Tholayavattam
3.	Dr. S. Stalin Sathiya	978-81-929216-1-7	சமயமும் தமிழும், தென்றல் பதிப்பகம்
4.	Dr. S. Stalin Sathiya	978-97-80340-01-6	இருபதாம் நூற்றாண்டு தமிழ் இலக்கிய படைப்புகளின் போக்குகள், Octo Printers, Tholayavattam
5.	Mrs.R. Subaja	978-97-80340-01-6	இருபதாம் நூற்றாண்டு தமிழ் இலக்கிய படைப்புகளின் போக்குகள், Octo Printers, Tholayavattam
6.	Dr. P.S. Rajesh	978-81-929216-1-7	சமயமும் தமிழும், தென்றல் பதிப்பகம்

20. Areas of consultancy and income generated
 - Dr. P.S. Rajesh, Sub Editor, Marthandam Malai - Monthly Magazine
 - Dr. P.S. Rajesh, Editor, Yen Nanban, Weekly Magazine
 - Dr. P.S. Rajesh, Editor, Annai Mozhi, Monthly Magazine
21. Faculty as members in a) National Committees
b) International Committees c) Editorial Boards : Nil
22. Student Projects
 - a) Percentage of students who have done in-house projects including inter departmental/ programme : 100%
 - b) Percentage of students placed for projects in organizations outside the Institution i.e.in research laboratories / industry / other agencies : Nil
23. Awards/ Recognitions received by faculty and students

Faculty : 1. Dr.S.Stalin Sathiya got BharathiThasan Award in 2016
2. Dr.C.Little Flower got Aasiriya Jothi Award in 2016

Students: 1. A. Anusha, Department of Tamil has presented a paper in a seminar conducted by NMCC, Marthandam & won I Prize on 11.10.2013.
2. E. Sekar II M. A. Tamil received Illakiya Ozhi Award in 2016 for Tamil Elocution Competition from Kaviarasar Kalai Tamil Sangam.
3. Kalaimamani Award received from Kalaignan Pathipagam for Essay Writing, Verse Writing and Drawing competitions.

I BA - 3
II BA - 3

III BA - 3

II MA - 4

M.Phil. - 2

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

- Mr. Rajagopal, Educationalist, Nagercoil (29.07.2014).
- Mr. Devathas, Former Tamilnadu Secretariate Secretary, Chennai (08.08.2014).
- Prof. Nada. SivaKumar, Noorul Islam arts and Science College, Kumaracoil, Kanniyakumari Dist. (23.09.2014).
- Professor and Writer. Kumara Selva, Nesamony Memorial College, Marthandam, Kanniyakumari Dist. (23.09.2014).
- Dr.Selvakumar, Nesamony Memorial College, Marthandam, Kanniyakumari Dist. (23.09.2014).
- Professor and Writer. Mujp Rahman, Thuckalay, Kanniyakumari Dist. (23.09.2014).
- Muzhanguzhi Pa. Lazer, Kumari Mutthamizh Mantram, Kappukadu, Marthandam, Kanniyakumari Dist. (09.10.2014) & (09.10.2015)
- Sollaayvu Semmal. M.S. Victor, M.S. Victor, Research Centre, Ariyalore, (22.12.2014).
- Dr. S. Alagesan, Member Syndicate, President, Professor, Department of Tamil, Manonmaniyam Suntharanar University, Abisekapatti, Tirunelveli (30.03.2015).
- Dr. T. Rajarethinam, Research Fellow, FFEO, Pondichery (30.03.2015).
- Sollaayvu Semmal. M.S. Victor, M.S. Victor, Research Centre, Ariyalore (30.03.2015).
- Anantha Supramaniam, Research Scholar of Cultural Studies, Nagercoil (30.03.2015).
- Dr. Anjel Jeyalet Rani, VTM Arts and Science College, Arumanai, Kanniyakumari Dist. (30.03.2015).
- Writer PremKumar, Development officer, LIC, Thuckalay, Kanniyakumari Dist. (31.03.2015).
- Prof. Hameem Mustafa, Department of Tamil, Muslim Arts College, Thiruvithangode, Thuckalay, Kanniyakumari Dist. (31.03.2015).
- Prof. Muhammed Asker, Department of Tamil, Muslim Arts College, Thiruvithangode, Thuckalay, Kanniyakumari Dist. (31.03.2015).
- Dr. Ede Quen, Department of Tamil, Holy Cross College, Nagercoil (31.03.2015).
- Dr. Vasumathi, Department of Tamil, Vsalahkshi Arts and Science College, Udumalpet on 31.03.2015.

- Prof.T. Mano, ISDL, Trivandrum, Kerala on (31.03.2015).
- Prof. Nada. SivaKumar, Noorul Islam Arts and Science College, Kumaracoil, Kanniyakumari Dist on (31.03.2015).
- Prof.& Writer Kumara Selva, Nesamony Memorial College, Marthandam, Kanniyakumari Dist on (31.03.2015).
- Prof. And Writer Mujp Rahman, Thuckalay, Kanniyakumari Dist 30.03.2015
- Sakitya Akadamy Awarded Writer Ponneelan, Manikaddipottal, Kanniyakumari Dist on (31.03.2015).
- Writer. Sivasankaran, Thuckaly (27.7.2015)
- Writer. Vaanamathi, Srilanka (5.8.2015)
- Dr.R.S.Sugirtha pasmath, Asst. Prof, Rani Anna Arts & Science Government women's college, Thirunelveli. (25.9.2015)
- Prof. R. Rathika, Asst. Prof, Sivanthi Aathithanar Arts & Science, College, Pillaiyarpuram.
- Writer. Kumari Tholan, Mullanginavilai, (13.3.2015)
- Dr. Kanjana Balasubiramaniam, Governing board member, Certral institute of Classical Tamil, Chennai (17.3.2016)
- Dr.P.Ravikumar, Asst.Professor, Subiramaniya Bharathiyar central University, Pondichery (17.3.2016)
- Prof. K.Ganasean, Associate Professor, Augustheeshwaram. (18.3.2016)
- Writer. Naarum Poo Nathan, Thirunelveli. (18.3.2016).
- Dr. G. Stephen, Manonmaniam Sundaranar University, Thirunelveli. (18.3.2016).

25. Seminars/ Conferences / Workshops organized and the source of funding.
- a. State Level Seminar : 4
 - b. Workshop : 2
 - c. Source of Funding : Institution & Student Contribution
26. Student profile programme / course-wise: B.A., M.A. & M.Phil.Tamil.

Year	Applications received	Admitted	Enrolled	
			*M	*F
B.A.				
2013-2016	57	47	2	45
2014-2017	86	63	2	61
2015-2018	42	39	6	33
M.A.				
2014 - 2016	17	11	1	10
2015 - 2017	16	11	-	11
M.Phil.				
2015-2016	16	10	1	9

*M - Male *F- female

27. Diversity of Students

Name of the course	% of Students from the same state	% of Students from other states	% of Students from abroad
B.A. Tamil	100	-	-
M.A. Tamil	100	-	-
M.Phil. Tamil	100	-	-

28. How many students have cleared national and state competitive examinations such as NET, SLET, NET, GATE, Civil services, Defence services, etc.? : Nil
29. Student progression : Nil
30. Details of Infrastructural facilities
- a) Library
- The library has a collection of books including the specimen copies and the books donated by various members.
- U.G Library : 978
- P.G Library : 1433
- b) Internet facilities for Staff & Students:
- Internet facility is available at the Library, Computer Centre and at the Department.
31. Number of students receiving financial assistance from college, university, Government or other agencies

Type of Scholarship	2011-2012			2012-2013			2013-2014			2014-2015		
	U. G.	P. G.	M. Phil.	U. G.	P. G.	M. Phil.	U. G.	P. G.	M. Phil.	U. G.	P. G.	M. Phil.
Institutional Scholarship												
Friends of Kottar	-	-	-	-	-	-	8	-	-	16	-	-
Government Scholarship												
SC / STScholarship	-	-	-	-	-	-	-	-	-	2	-	-
Postmatric Scholarship	-	-	-	-	-	-	12	-	-	26	9	-
Tamilnadu Educational Trust Scholarship	-	-	-	-	-	-	-	-	-	1	-	-

32. Details on student enrichment Programmes (special lectures / workshops/ seminar) with external experts
- State level Seminar entitled 'Samakala Ilakkiyangalil punaivum Vezhiyum' on 23.09.2014.
 - National Level Seminar 'Samayamum Tamilum' on 30.03.2015 and 31.03.2015.

- State Level Seminar entitled ‘Penniya Chinthanaikalum Pokkukalum’ on 25.09.2015.
 - National Level Seminar ‘Irrupatham Noottandu Tamil Ilakkiya Padaipukalin Pokkukal’ on 17.03.2016 and 18.03.2016.
 - Our department conducted a workshop entitled ‘Short Story Writing’ on 10.03.2016.
 - Our department conducted a workshop entitled ‘Screen Play Writing for Movies’ on 13.01.2016.
33. Teaching Methods adopted to improve student learning
Besides the usual lecture method, seminars, group discussions, assignment writing, paper presentations and power point presentations are also adopted.
34. Participation in Institutional Social Responsibility (ISR) and Extension activities
- Students of Our department conducted classes in Smart Class Mode for the school students at St. Mary’s Middle School, Tholayavattam on 13.03.2015.
 - Students of Our department conducted classes for the school students at St. Antony’s High School, Mullanganavilai on 02.02.2016.
35. SWOC analysis of the department and Future plans
- Strength**
- Experienced, dedicated and talented staff.
 - Well equipped Library.
 - Students are studying the course in their mother tongue
 - Journals are published periodically.
- Weakness**
- Since many of the students are from rural background they are not taking anything serious
 - Students are afraid of expressing their talents
- Opportunities**
- Students can become school teachers.
 - They can take the challenging careers like Reporters, Public Speakers and Writers etc.
- Challenges**
- Tamil Degree holders can take tuition classes for the people from other states and the English Medium Students.
 - Highly competitive field for the Job seekers.
 - Degree is more valuable only when the students are proficient in specialized skills like speaking, writing and presentation skills.
 - Students are from poor economic background.

DEPARTMENT OF ENGLISH

1. Name of the department : ENGLISH
2. Year of Establishment : Part II English - 1987
: U. G.- 2010
: P. G.- 2007
3. Names of Programmes/Courses offered (U.G., P.G., M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc)
 - U.G. - B.A. English
 - P.G. - M.A. English
4. Names of Interdisciplinary courses and the departments/ Units involved : Nil
5. Annual/ semester/choice based credit system (programme wise)
 - B.A. English : Choice Based Credit System
 - M.A. English : Choice Based Credit System
6. Participation of the department in the courses offered by the departments.
 - Spoken English is offered to all students in enriching them in the language.
7. Courses in collaboration with other universities, industries, foreign institutions, etc. : Nil
8. Details of courses/ programmes discontinued (if any) with reasons : Nil
9. Number of Teaching posts (2015-2016)

Designation	Filled
Assistant Professor	12
10. Faculty profile with name, qualification, specialization (D.SC./ D.Litt/ Ph.D./ M.Phil. etc.,) as on 31.03.2016

Name	Qualification	Designation	Specialization	No. of Years of experience
Mrs.F. Meena Theresa	M.A., M.Phil	Assistant Professor	Diasporic Literature	8 years 7 months
Mrs.D.Joen Joselin	M.A., M.Phil.,	Assistant Professor cum HoD	ELT	7 years 8 months
Mrs.J.Jesu Latha	M.A., B.Ed.,M.Phil	Assistant Professor	Indian Writing in English	4 years 9 months
Mrs.M. Merlin Usha	M.A., M.Ed., M.Phil.	Assistant Professor	Indian Writing in English	4 years 9 months
Mrs. S.Sheeba Regi	M.A., B.Ed., M.Phil.	Assistant Professor	Indian Writing in English	4 years 9 months

Mr. C. Charly	M.A.,M.Phil, P.G.D.M.T.E	Assistant Professor	British & Canadian Literature	4 years 9 months
Mr. V.G. Samu Sundar	M.A., B. Ed., M.Phil.	Assistant Professor	Regional Literature	4 years 8 months
Mrs. J. Sreeja	M.A., M.Phil.	Assistant Professor	Comparative Literature	3 years 9 months
Mrs. J.P.Vidhya	M.A., B.Ed., M. Phil.,	Assistant Professor	ELT	2 years 3 months
Mr.C.I. Rajesh	M.A., M.Phil.	Assistant Professor	Canadian Literature	3 years 2months
Mrs.T.M. Jalaja Mary	M.A., M.Phil.	Assistant Professor	Indian Writing in English	1 year 8 months
Miss.R.Merin Vijith Preetha	M.A., M.Phil.	Assistant Professor	Indian Writing in English	9 months

11. List of senior visiting faculty : Nil
12. Percentage of lectures delivered and practical classes handled (Programme wise) by temporary faculty : Nil
13. Student-Teacher Ratio (programme wise) : B.A. - 52:1
M.A. - 14:1
14. Number of academic support staff (technical) and administrative staff; Sanctioned and Filled : Nil
15. Qualifications of teaching faculty with D.Sc./ D.Litt./ Ph.D./ M.Phil./ P.G. : M.Phil - 12
16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received : Nil
17. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc and total grants received : Nil
18. Research Center/ faculty recognized by the University : Nil
19. Publications:

➤ **Publication per faculty**

Sl.No.	Name of the staff	No. of Publications		
		ISBN No.	ISSN No.	Total
1.	Mrs. F. Meena Theresa	-	2	2
2.	Mrs. D. Joen Joselin	2	-	2
3.	Mrs. J. Jesu Latha	1	-	1
4.	Mr. C. I. Rajesh	2	1	3

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

Sl.No.	Name of the Staff	Publications		Total
		National	International	
1.	Mrs.F. Meena Theresa	2	-	2
2.	Mrs.D. Joen Joselin	2	-	2
3.	Mrs.J.Jesu Latha	1	-	1
4.	Mr. C. I. Rajesh	2	1	3

➤ **Number of publications listed in International Database (for example: Web of Science, Scopus, Humanities International Complete, Dare Database – International Social Sciences Directory, EBSCO host, etc.) : Nil**

➤ **Monographs** : Nil

➤ **Chapter in Books** : Nil

➤ **Books Edited** : Nil

➤ **Books Published with ISBN numbers by Faculty and students**

Sl.No.	Name of the faculty/student	Name of the Book	ISBN Number	Details of publishers
1.	G. M. Adlin Joe (B. A. English)	Zifhono Fno and the Release of the Fairies- A Fantasy upon Noland	978-1-4969-7683-3	March 2014

➤ **Journals with ISBN numbers with details of publishers**

Sl.No.	Name	ISBN Number	Details of Publications
1.	Mrs. D. Joen Joselin	81-908397-2-3	Computer Embedded Language Teaching & Learning-An Educational Technology Perspective-‘National Conference on Zealous Language Teaching’ organized by SRM University, Chennai
2.	Mrs. D. Joen Joselin	978-81-898434-9-6	Vels University, Chennai
3.	Mrs.J. Jesu Latha	978-81-928385-0-2	V.O. Chithambaram College Publication
4.	Mr. C. I. Rajesh	978-81-929216-1-7	தென்றல் பதிப்பகம்
5.	Mr. C. I. Rajesh	978-9-381723-48-7	VHNS College, Viruthunagar

➤ **Journals with ISSN numbers with details of publishers**

Sl.No.	Name	ISSN Number	Details of Publications
1.	Mrs.F.Meena Theresa	0970-2810	Role of spices in Jhumpa Lahiri's writing, Poet Crit, 2014, volume 1, pp 71.
2.	Mrs.F.Meena Theresa	0970-2810	Repudiating culture in Jhumpa Lahiri's writing Poet Crit, 2014, volume 2, pp 71.
3.	Mr. C. I. Rajesh	2349-8684	'Listening Paves the Path: Acquiring a Language is the Concept of a Mind and not Pressure', International Journal of Multidisciplinary, Volume 2, Special Issue: 3, Feb. 2013'.

- **Citation Index** : Nil
- **SNIP** : Nil
- **SJR** : Nil
- **Impact Factor** : Nil
- **h-index** : Nil

20. Areas of consultancy and income generated : Faculty of Department of English doing English Language correction in projects, dissertations and thesis etc.

21. Faculty as members in a) National committees
b) International Committees c) Editorial Boards. : Nil

22. Students projects
a) Percentage of students who have done in-house projects including inter departmental/ programme : 100
b) Percentage of students placed for projects in organizations outside the institution i.e. in Research laboratories/ Industry/ other agencies : Nil

23. Awards/ Recognitions received by faculty and students
Faculty : Nil

Students : Extra-curricular & Co-curricular Achievements

- II MA English students published a Journal named 'SEEK' on 13.09.2013.

Name of the student	Name of the competition	Venue	Prize
2013-2014			
J.L. Rex Lumine Nirmal(II BA English)	District Level Drawing Competition	Kaviyarasar Kalai Tamizh sangam, Nammakkal	"Oviya Kalaimaamani-2014"
J.L. Rex Lumine Nirmal(II BA English)	District Level Essay Writing Competition	Kaviyarasar Kalai Tamizh sangam, Nammakkal	"Ilakiya Sudar viruthu 2014"

J.T. Ashmi (I BA English)	District Level Verse Writing Competition(Tamil)	Kaviyarasar Kalai Tamizh sangam, Nammakkal	“Kavichuriyan Viruthu-2014”
J.L. Rex Lumine Nirmal(II BA English)	District Level Verse Writing Competition(Tamil)	Kaviyarasar Kalai Tamizh sangam, Nammakkal	“Kavichuriyan Viruthu-2014”
A.Mary Caron(I MA English)	Proficiency Test in English	Shakespeare institute of English studies, Chennai.	First Class
S. Sajan (III BA English)	Literary Skit	NMCC, Marthandam	II Prize
S. Sajan (III BA English)	Art from Waste	Nemic fest’15, NMCC, Marthandam	II Prize
S. Sajan (III BA English)	Pencil sketch	Nemic fest’15, NMCC, Marthandam	II Prize
S. Sajan (III BA English)	Photography	Rotary club, Nagercoil.	I Prize
J. Sajiba (III BA English)	Group Song	Mother Claudine Festo 2014-15, holy Cross College, Nagercoil.	I Prize
J. Ajitha (III BA English)	Group Song	Mother Claudine Festo 2014-15, holy Cross College, Nagercoil.	I Prize
2014-2015			
I. R. Edwin of English	Solo Song Competition	Mulankuzhi Muthamizh Mantam.	II prize
S. Sajan (III BA English)	Photography	Red ribbon club, MS university	III Prize
J.L. Rex Lumine Nirmal(III BA English)	Group Song	Government Higher Secondary School, Thuckalay	I Prize
Bryolin Brinto(III BA English)	Group Song	Government Higher Secondary School, Thuckalay	I Prize
I.R. Edwin	Group Song	Government Higher Secondary School, Thuckalay	I Prize

S. Anushka	Group Song	Government Higher Secondary School, Thuckalay	I Prize
S. Anushka	Speech	Government Higher Secondary School, Thuckalay	II Prize
I. R. Edwin of II BA English	Group Song Competition	St. Xavier's Catholic College of Engineering, Chungankadai	I prize
P. R. Bryolin Brinto of II BA English	Group Song Competition	St. Xavier's Catholic College of Engineering, Chungankadai	I prize
2015-2016			
R.Ratheesh Kumar	Verse Writing	National voters day celebration held at Sree Devikumari College of Arts and Science, Kuzhithurai	I Prize
S.S.Anshilin Mejo	Verse Writing	National voters day celebration held at Sree Devikumari College of Arts and Science, Kuzhithurai	II Prize
R.Ratheesh Kumar	Essay Competition	National voters day celebration held at Sree Devikumari College of Arts and Science, Kuzhithurai	II Prize
S.S.Anshilin Mejo	Essay Competition	National voters day celebration held at Sree Devikumari College of Arts and Science, Kuzhithurai	I Prize

I.R.Edwin (II B.A English)	Verse Writing Competition	Payanam Youth club, Unnamalaikadai	II Prize

The details of rank holders are given below:

Year	No. of rank holders	
	U.G.	P.G.
2012-2013	1 (XVI Rank)	2 (I & X Rank)
2013-2014	2 (I & V Rank)	-

24. List of eminent academicians and Scientists/visitors to the department
- Mr. J. Ragu Antony, V.O.C College, Tuticorin on 10.02.2012
 - Dr. R. Wilson, Professor, Dept of English, St. Judes College, Thoothoor on 10.02.2012.
 - Dr. Hariharan, Associate Professor, Institute of English, University of Kerala, Director, UGC Area Study Center for Canadian Studies, University of Kerala on 14.08.2013.
 - Dr. SubhaGanapathy, Assistant Professor, Holy Cross College, Nagercoil on 20.02.2015.
 - Sr. Dr. Vinitha, Director, St. Thresea's College, Ernakulam on 22.09.2015.
 - Dr. Priya K Nair, Asst Prof, Dept of English, St. Thresea's College, Ernakulam on 22.09.2015.
 - Dr. R. Latha Devi, HOD, Dept of English, University College of Engineering, Nagercoil on 23.09.2015.
25. Seminars/ Conferences/ Workshops organized & the source of funding:
- a) National Seminar : 4
 - b) Workshop : 1
 - c) Source of funding: Institution and contribution from students
26. Student profile programme/ coursewise: B.A., M.A. English

Year	Applications Received	Selected	Enrolled		Pass Percentage
			*M	*F	
B.A.					
2009-2012	128	70	8	62	56
2010-2013	128	70	7	63	50
2011-2014	176	70	5	65	93
2012-2015	160	64	14	50	56
2013-2016	173	64	5	59	-
M.A.					
2010-2012	34	24	6	18	65
2011-2013	34	23	2	21	68

2012-2014	43	25	6	19	100
2013-2015	59	25	2	23	68
2014-2016	60	30	5	25	-

*M- Male *F- Female

27. Diversity of Students

Name of the course	% of students from the same state	% of students from other states	% of students from abroad
B.A. English	100	-	-
M.A. English	100	-	-

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defence service, etc.? : Nil

29. Student Progression **B.A. English**

Year	No. of Students Appeared	No. of Students Passed	No. of Students			
			U. G to P. G	U. G to B. Ed	Employed	Other
2011-2012	64	36	10	13	13	-
2012-2013	68	34	2	30	-	2
2013-2014	69	64	4	47	1	12
2014-2015	61	34	9	25	-	-

M.A. English

Year	No. of Students Appeared	No. of Students Passed	No. of Students				
			P.G. to B.Ed.	P. G to M. Phil	P. G to Ph. D	Employed	Other
2010-2011	14	11	3	4	-	-	4
2011-2012	23	15	-	-	-	3	12
2012-2013	22	15	1	6	-	7	1
2013-2014	24	24	1	2	-	6	5
2014-2015	25	17	1	9	-	4	3

30. Details of Infrastructural facilities

a) Library

The department has 1210 reference books, 912 in the department library and 298 in the general library.

b) Internet facilities for Staff & Students:

Internet facilities are available at the Library, Computer Centre and at the Department.

c) Class rooms with ICT facility : Nil

d) Laboratories

Computer Lab having 34 systems with 5 systems having net connectivity.

31. Number of students receiving financial assistance from college, university, Government or other agencies

Type of Scholarship	2011-2012		2012-2013		2013-2014		2014-2015	
	U.G.	P.G.	U.G.	P.G.	U.G.	P.G.	U.G.	P.G.
Institutional Scholarship								
Student Welfare Fund	-	-	-	-	-	1	-	1
Friends of Kottar	30	2	18	1	30	3	20	5
Government Scholarship								
SC / ST Scholarship	-	-	1	2	-	1	-	-
Postmatric Scholarship	52	2	21	8	64	20	70	31
Farmers' Social Security Scheme Scholarship	2	3	-	-	-	-	-	-
Tamilnadu Educational Trust Scholarship	2	-	1	-	1	1	-	2
Beedi Workers Scholarship	3	-	-	-	-	-	-	-

32. Details on student enrichment programmes (special lectures/ workshop/ seminar) with external experts

- Regional Seminar on “Cultural Studies Theory and Practice” on 12.02. 2012.
- National Seminar on “Canadian Literature Diverse and Perspectives” on 14.08.2013.
- Workshop on “Research Methodology” on 12.12.2014.
- Seminar on “Literary Criticism” on 20.02.2015
- National Seminar on “Current Trends in Literature” on 22nd & 23rd Sep. 2015
- Taken the students of I M. A. English, II B. A. English & III B. A. English to the seminar on ‘Literary Criticism’ at St. John’s College of Arts and Science, Ammandivilai on 16.02.2015.
- Taken eight students from II M. A. English and thirty students from I M. A. English to the seminar ‘Indian Writing’ at Malangara Catholic College, Mariyagiri on 01.03.2016.

33. Teaching methods adopted to improve student learning

Besides the usual lecture method, seminars, group discussions, guest lectures and quiz competitions are arranged. Assignments are also given to the students.

34. Participation in Institutional Social Responsibility (ISR) and Extension activities

- Village Visit: Sivalogam, Kanyakumari District, 20.03.2015.
- Our department students conducted classes for the school students at St. Mary’s Middle School, Tholayavattam on 18.02.2015.

- Our department students conducted classes for the school students at St. Antony's High School, Mullanganavilai on 03.02.2016

35. SWOC analysis of the department and Future plans are attached.

Strength

- We have well trained staff.
- Healthy environment prevails in the Department.
- We have a well equipped Department library.
- We publish a Department journal.
- We conduct annual Seminar for students.
- Guest lectures are given periodically on individual core areas of literature.
- Audio-visual is used in teaching.
- Counseling for students is given in all respects.
- Motivating students to participate in competitions.
- Special concentration is given for downtrodden students.
- We help students in developing their language.

Weakness

- First generation graduates.
- Students from rural area.
- They are poor at language skill.
- They lack in time to equip at home.
- Students have less passion towards their subject.

Opportunities

- Equipped library to enhance the students.
- Guidance on future plans.
- Guiding the students to publish their own writings.
- Making more students to participate in different programs.

Challenges

- The course of English literature is too intensive
- The students lack time for private work
- They need more English lessons at the college
- They work without diligence
- They lack skill of time management
- They lack skill of presenting information logically
- They have inferiority complex.

Analysis of reasons shows that external (environmental) and internal (personal) reasons are interrelated. The staff of the department is healthy in the development of the students but the students have to step forward with hard work and the passion towards their subject. This can lead the department to the heights of the world.

DEPARTMENT OF MATHEMATICS

1. Name of the department : MATHEMATICS
2. Year of Establishment : U.G. – 1987
P. G. – 2010
M. Phil. - 2014
3. Names of Programmes / Courses offered (U.G., P.G., M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.)
 - U.G. - B.Sc. Mathematics
 - P.G. - M.Sc. Mathematics
 - M. Phil. Mathematics
4. Names of Inter disciplinary courses and the departments / units involved : Nil
5. Annual / semester / choice based credit system (programme wise)
 - B.Sc. Mathematics : Choice Based Credit System
 - M.Sc. Mathematics : Choice Based Credit System
 - M. Phil. Mathematics : Choice Based Credit System
6. Participation of the department in the courses offered by other departments : Nil
7. Courses in collaboration with other universities, industries, foreign institutions, etc. : Nil
8. Details of courses / programmes discontinued (if any) with reasons : Nil
9. Number of teaching posts

Designation	No. of Staff
Associate Professor	2
Assistant Professor	7

13. Faculty profile with name, qualification, designation, specialization (D.Sc./ D.Litt./ Ph.D./ M.Phil. etc.,) as on 31.03.2016

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of M.Phil. Students guided for the last 4 years
Dr. B. Stephen John	M.Sc. B.Ed. M.Phil. M.Phil. (CS) Ph.D.	Associate and Head	Graph Theory & Algebra	23 years & 9 months	1
Mr. M. Anto	M.Sc.,M.Phil.	Associate Professor	Topology	28 years & 7 months	3
Mr. G. Dominic Babu	M.Sc. B.Ed. MCA., M.Phil.,	Assistant Professor	Difference Equation & Networking	8 years & 8 months	2

Mrs. J. Carolinal	M.Sc. B.Ed., M.Phil.	Assistant Professor	Algebra & Sequence Series	6 years & 9 months	-
Mr. M. Michael Collins	M.Sc., M.Phil.	Assistant Professor	Operation Research & Statistics	6 years & 9 months	2
Mrs. T. Bindhu	M.Sc. B.Ed. M.Phil.,	Assistant Professor	Fuzzy Algebra & Analysis	5 years & 8 months	-
Mrs. N. S. Shiny	M.Sc. B.Ed., M.Phil.	Assistant Professor	Analysis & Differential Equations	4 years & 9 months	-
Mrs. M. P. Annie Subitha	M.Sc. B.Ed., M.Phil.	Assistant Professor	Graph Theory & Complex Analysis	4 years & 9 months	-
Mrs. D. Rejin Rose	M.Sc., M.Phil.	Assistant Professor	Algebra & Statistics	3 years & 9 months	2

11. List of senior visiting faculty : Nil
12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty : 2%
13. Student-Teacher Ratio (programme wise) : U.G.- 38 : 1
P.G.- 15 : 1
M.Phil. - 12 : 1
14. Number of academic support staff (technical) and administrative staff; sanctioned and filled : Nil
15. Qualifications of teaching faculty with D.Sc/ D.Litt/ Ph.D/ M.Phil/ P.G. : Ph. D.- 1
M. Phil.- 8
16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received : Nil
17. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received : Nil
18. Research Centre / facility recognized by the University: Nil
19. Publications:

➤ **Publication per faculty**

Sl.No.	Name of the staff	No. of Publications		
		ISBN No.	ISSN No.	Total
1.	Dr. B. Stephen John	-	4	4
2.	Mr. M. Anto	-	3	3
3.	Mr. D. Dominic Babu	1	7	8
4.	Mr. M. P. Annie Subitha	-	1	1

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

Sl.No.	Name of the Staff	Publications		Total
		National	International	
1.	Dr. B. Stephen John	-	4	4
2.	Mr. M. Anto	-	3	3
3.	Mr. G. Dominic Babu	2	6	8
4.	Mrs. M. P. Annie Subitha	-	1	1

➤ **Number of publications listed in International Database (for example: Web of Science, Scopus, Humanities International Complete, Dare Database – International Social Sciences Directory, EBSCO host, etc.,)**

Sl. No.	Name of the Staff	Number of Publications	Name of the Journal	International Database
1.	Dr. B. Stephen John	4	International Journal of Mathematical Archive, International Journal of Mathematical and Computer Research, Global Journal of Mathematical Sciences; Theory and Practical	Scopus, Web of Science.
2.	Mr. M. Anto	3	International Journal of Modern Engineering research	Web of Science
3.	Mr. D.Dominic Babu	6	International Journal of pure and applied Mathematics, Global Journal of Mathematical Sciences; Theory and Practical, Journal of Modern Methods in Numerical Mathematics, International Journals of Scientific and Engineering Research	Scopus, Web of Science.
4.	Mrs. M. P. Annie Subitha	1	International Journal of Mathematical Archive	Scopus

➤ **Monographs** : Nil

- **Chapter in Books** : Nil
- **Books Edited** : Nil
- **Books Published with ISBN numbers by faculty**

Name of the faculty/student	Name of the Book	ISBN Number	Details of publishers
Dr. B. Stephen John	Vector Calculus & Theory of Equations	978-81-907144-6-4	Divya Jothi
Dr. B. Stephen John	Analytical Geometry of 3D & Vector Differentiation	978-81-907145-6-4	Divya Jothi
Dr. B. Stephen John	Analytical Solid Geometry	978-81-907144-5-7	IDEAL

➤ **Journals with ISBN numbers with details of publishers**

Name	ISBN Number	Details of Publications
Mr. G.Dominic Babu	978-81-910747-6-5	Proceedings of the International Conference on Advanced Technologies in Computing, Women's Christian College, Nagercoil

➤ **Journals with ISSN numbers with details of publishers**

Sl.No.	Name	ISSN Number	Details of Publications
1.	Dr. B. Stephen John	2230-9888	'Vertex Cover Polynomial of $K_n \times K_2$ ', International Journal of Mathematics and Computer Research, Volume2(2014), 670-673
2.	Dr. B. Stephen John	2229-5046	'Vertex Cover Polynomial Of Generalized Wheel', International Journal of Mathematical Archive-5(B),2014, 146-150
3.	Dr. B. Stephen John	2320-7167	Vertex Cover Polynomial of Tensor Product of $C_n \times P_2$ ', International Journal of Mathematics and Computer Research, Volume3(7)(2015), 1081-1096
4.	Dr. B. Stephen John	2229-5046	'Magic Hypercube and its Cover Ploynomial', International Journal of Mathematical Archieve-6(10), 2015, 1-13.
5.	Mr.M.Anto	2249-6645	$\hat{g}^*$ s – closed sets its topological space, International Journal of Modern Engineering Research

6.	Mr.M.Anto	0975-833x	$\hat{g}^*$ s – continuous Maps in topological spaces, International Journal of Current Research
7.	Mr.M.Anto	2230-9926	$\hat{g}^{**}$ s –closed sets in topological spaces, International Journal of Development Research, Vol. 5, Issue, 12, pp. 6195-6203, December, 2015
8.	Mr. G.Dominic Babu	1311-8080	Asymptotic Properties of Solutions of Higher Order Nonlinear Generalized Difference Equation, International Journal of pure and applied Mathematics, 25(1) (2012), 125-138
9.	Mr. G.Dominic Babu	0974-3200	Oscillation, Non-oscillation and Growth of Solution of Generalized Second Order Non-linear Difference Equations, Global Journal of Mathematical Sciences; Theory and Practical. Vol 4 number 3(2012), pp.211-225
10.	Mr. G.Dominic Babu	1311-8080	Oscillation and Non-oscillation for Certain Class of First and Second Order Generalized α -Difference Equations, International Journal of Pure and Applied Mathematics, 78(3) (2012), 451-468
11.	Mr. G.Dominic Babu	2090-4770	Oscillation, Non-oscillation and Growth of Solution of Generalized Non-linear Difference Equation of Second Order, Journal of Modern Methods in Numerical Mathematics, 3(2) (2012), 22-44
12.	Mr. G.Dominic Babu	0973-6301	Asymptotic Behaviour of Solutions of Generalized Non-Linear Difference Equation of Second Order, Communications in Differential and Difference Equations, 3(1) (2012), 13-21
13.	Mr. G.Dominic Babu	2229-5518	Generalized Partial sums on Infinite series of Rational Factorial Functions, International Journals of Scientific and Engineering Research, 3(11) (2012), 117-124

14.	Mr. G.Dominic Babu	2277-6613	$l_{2(1)}$ and c_0 solution of second order generalized difference equation, Proceedings of the National Conference on Application of Mathematics in Science and Engineering, Sacred Heart College, Tirupattur, (2010), 81-88.
15.	Mrs. M. P. Annie Subitha	2229-5046	'Magic Hypercube and its Cover Ploynomial', International Journal of Mathematical Archieve-6(10), 2015,1-13.

- **Citation Index** : Nil
- **SNIP**

Name of the Staff	Name of the Journal	SNIP
Mr. G.Dominic Babu	International Journal of Pure and Applied Mathematics	0.605(2013) 0.635(2014)

- **SJR**

Name of the Staff	Name of the Journal	SJR
Mr. G. Dominic Babu	International Journal of Pure and Applied Mathematics	0.322 (2013)

➤ **Impact Factor**

Name of the Staff	Name of the Journal	Impact Factor			
		2012	2013	2014	2015
Dr. B. Stephen John	International Journal of Mathematical Archive	4.091	4.908	-	-
Mr. M. Anto	International Journal of Current Research	-	-	-	6.226
Mr. M. Anto	International Journal of Development Research	-	2.869	3.686	4.25
Mr. G.Dominic Babu	International Journal of Pure and Applied Mathematics	-	-	-	3.72
Mr. G.Dominic Babu	Journal of Modern Methods in Numerical Mathematics	0.380	0.422	0.542	0.659
Mr. G.Dominic Babu	International Journal of Scientific and Engineering Research	-	-	-	3.8

Mr. G.Dominic Babu	IOSR Journal of Mathematics	-	-	-	1.759
Mr. G.Dominic Babu	International Journal of Mathematics Trends and Technology	0.462	0.564	0.675	1.469
Mrs. M. P. Annie Subitha	International Journal of Mathematical Archive	4.091	4.908	-	-

➤ **h-index** : Nil

20. Areas of consultancy and income generated
 - Classes on Shortcut Mathematics conducted to the students of Oxford Middle School, Tholayavattam by the faculty of the Department of Mathematics.
 - Faculty belonging to the Department of Mathematics acts as Members of Board of Studies of Manonmaniam Sundaranar University.
21. Faculty as members in
 - a) National committees
 - b) International Committees c) Editorial Board : Nil
22. Student projects
 - a) Percentage of students who have done in-house projects including inter departmental/ programme : 100
 - b) Percentage of students placed for projects in organizations outside the institution i.e. in Research laboratories / Industry / other agencies : Nil
23. Awards / Recognitions received by faculty and students

Faculty : Nil

Students : **Extra-curricular & Co-curricular Achievements**

Name of the student	Name of the competition	Venue	Achievements
2012-2013			
M. Asha Mary, M. P. Manica of II M.Sc. Mathematics	District Level Quiz Competition	Bethlahem Institution, Karungal	I Prize
2013-2014			
C. Murugesan of II M. Sc. Mathematics	Intercollegiate & State Level Tamil Literary Competitions	-	• Yuva Srikala Award • Best Elocutionist Award • Kalai Thental Award • Young Elocutionist Award

			• Veeramamunivar Pechalar Peravai Round Trophy for the College.
2014-2015			
C. Murugesan, M.Phil. Mathematics	Elocution Competition	Sri Vaikundar Trust.	Gold Medal
K. Jasmine Jenibha of II B. Sc. Mathematics	Singing Solo Competition	Mulankuzhi Muthamizh Mantam.	I prize
K. Sathiya of II B. Sc. Mathematics	Elocution Competition on Drug Abuse	Sree Ayyappa College	I prize
K. Sathiya of II B. Sc. Mathematics	Elocution Competition	Kaapikkadu Muthamizh Mantam	III prize
Eight students from Mathematics Department	Inter Collegiate Group Song Competition	Mother Clandio Fest, Holy Cross College, Nagercoil	I prize
K. Jasmine Jenibha of II B. Sc. Mathematics	Group Song Competition	St. Xavier's Catholic Collge of Engineering, Chungankadai	I prize
C. Murugesan, M.Phil. Mathematics	Elocution Competition	Mulankuzhi Muthamizh Mantam.	I prize
C. Murugesan, M.Phil. Mathematics	Solo Singing Competition	Mulankuzhi Muthamizh Mantam.	III prize
C. Murugesan, M.Phil. Mathematics	Tamil Verse Writing Competition	Tamil Nadu Science Forum	I prize
C. Murugesan, M.Phil. Mathematics	Elocution Competition	Tamil Nadu Forward Writers Association	I prize
C. Murugesan, M.Phil. Mathematics	Verse Writing	World Tourism Day	II prize
C. Murugesan, M.Phil. Mathematics	Elocution Competition	N. Y. K. Youth Club	I prize

2015-2016			
S. L. Lathisha, S. K.Santhiya, V. K.Vidya, L. Nithisha, M. Jeniba, R. Aslin Renisha of II B.Sc. Mathematics	Group Dance Competition	N. I. College of Arts and Science, Kumaracoil	II Prize

The details of rank holders are given below:

Year	No. of rank holders		No. of distinctions	
	U.G.	P.G.	U.G.	P.G.
2011-2012	-	-	11	4
2012-2013	1 (6 th rank)	-	7	5
2013-2014	-	-	8	10
2014-2015	-	-	1	-

24. List of eminent academicians / visitors to the department

- Mr. S. Shanel Kumar, Associate Professor of Mathematics, St. Xavier's Catholic College of Engineering, Chunkankadai, Nagercoil (29.09.2011)
- Dr. Wilfred M.Sc., M.Phil., Ph.D. Head of the Department of Mathematics, St.Jude's College, Thoothur (28.02.2012)
- Dr. R. Wilson Associate Professor of Department of Mathematics, St.Xavier's Catholic College of Engineering, Chunkankadai, Nagercoil (28.02.2012)
- Dr. P. Titus M.Sc., M.Phil., Ph.D, Assistant Controller of Examination, Anna University, Tirunelveli (28.02.2012)
- Dr. A. Vijayan, Associate Professor of Department of Mathematics, Nesamony Memorial Christian College, Marthandam (09.03.2012)
- Mr. Suresh, Assistant Professor of Department of Computer Science, Malankara Catholic College, Mariagri (19.10.2012)
- Dr. Vijayalakshmi, Associate Professor of Department of Mathematics, S. T. Hindu College, Nagercoil (28.02.2013)
- Mr. S. Shanel Kumar, Associate Professor of Mathematics, St. Xavier's Catholic College of Engineering, Chunkankadai, Nagercoil (28.02.2013)
- Dr. D. Veerapathran Associate Professor of Department of Mathematics, Raja Duraiswammy College, Sivagangai (10.02.2014)
- Dr. S. Grace Prema, Associate Professor of Department of Mathematics, St. John's College, Palayamkottai (10.02.2014)

- Dr. S. Ramachandren, Research Co-ordinator, N. I. University, Kumaracoil (13.08.2014)
 - Dr. Nicholas, Associate Professor of Department of Mathematics, St. Jude's College, Thoothur (13.08.2014)
 - Dr. S. Shanel Kumar, Associate Professor of Mathematics, Ibri College of Techonology, Sultanate of Omen (14.08.2014)
 - Mr. Regin Thanka Raj, Senior Research Scholar, I.I.T Chennai. (16.02.2015)
 - Dr. R. Kala, Associate Professor, Department of Mathematics, MS University (12.08.2015)
 - Dr. A. Anto Kingsly, Associate Professor, St. Xavier's College(Autonomous), Palayamkottai (13.08.2015)
 - Dr. G. Britto Antony Xavier, Associate Professor, Sacret Heart College, Thirupathoor (13.08.2015)
 - Dr. Jeyalekhsmi, Associate Professor, S.T. Hindu College, Nagercoil (21.09.2015)
 - Mrs. Kirubha Kani, Bethlahem College of Education, Karungal (14.03.2016)
 - Mr. R. Leo Bright Singh, ME, Assistant Professor, Mar Ephraem College of Engineering, Elavuvilai (13. 02. 2016)
25. Seminars / Conferences / Workshops organized & the source of funding
- a) Seminar : 4
- b) Symposia : 1
- c) Source of Funding : Institution & Contribution from Students
26. Student profile programme/ course wise: B.Sc., M.Sc. & M. Phil. Mathematics

Year	Applications Received	Selected	Enrolled		Pass Percentage
			*M	*F	
B.Sc.					
2009-2012	163	55	6	49	100
2010-2013	71	48	5	43	70
2011-2014	91	56	3	53	73
2012-2015	88	48	3	45	67
2013-2016	90	48	2	46	-
M.Sc.					
2010-2012	30	21	-	21	43
2011-2013	43	25	3	22	78
2012-2014	47	25	3	22	92
2013-2015	46	25	2	23	92
2014-2016	58	25	-	25	-

M. Phil.					
2014-2015	32	10	3	7	100
2015-2016	21	10	-	10	-

*M - Male *F – Female

27. Diversity of Students

Name of Course	% of students from the same state	% of students from the other state	% of students from abroad
B.Sc. Mathematics	100	-	-
M.Sc. Mathematics	100	-	-
M.Phil. Mathematics	90	10	-

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil Services, Defense Services, etc.?

- Bincy G. Raj & K. Sumi passed in BANK clerical exam in the year 2012.
- Three students joined Army in the year 2012.
- Two students joined Army in the year 2013.
- One student joined Police in the year 2013.
- R. Rajani passed BANK clerical exam in the year 2014.
- K. Sweesh joined in Army in the year 2015.

29. Student progression

B.Sc. Mathematics

Year	No. of Students Appeared	No. of Passed	No. of Students			
			U. G to P. G	U. G to B. Ed	Employed	Other
2011-2012	64	36	10	13	13	-
2012-2013	68	34	2	30	-	2
2013-2014	69	64	4	47	1	12
2014-2015	61	34	9	25	-	-

M.Sc. Mathematics

Year	No. of Students Appeared	No. of Passed	No. of Students				
			P.G. to B.Ed.	P. G to M. Phil	P. G to Ph. D	Employed	Other
2010-2011	14	11	3	4	-	-	4
2011-2012	23	15	-	-	-	3	12
2012-2013	22	15	1	6	-	7	1
2013-2014	24	24	1	2	-	6	5
2014-2015	25	17	1	9	-	4	3

M. Phil. Mathematics

Year	No. of Students	No. of Students passed	M. Phil to B. Ed	M. Phil to Ph. D	Employed	Others
2014-2015	10	10	-	-	7	3
2013-2014	-	-	-	-	-	-

30. Details of Infrastructural facilities

a) Library

The library has a collection of 646 books including the specimen copies and the books donated by the staff members.

b) Internet facilities for Staff & Students

Internet facilities are available at the Library, Computer Centre and at the Department.

c) Class rooms with ICT facility : Nil

d) Laboratories : Nil

31. Number of students receiving financial assistance from college, university, Government or other agencies

Type of Scholarship	2011-2012			2012-2013			2013-2014			2014-2015		
	U. G.	P. G.	M. Phil.	U. G.	P. G.	M. Phil.	U. G.	P. G.	M. Phil.	U. G.	P. G.	M. Phil.
Institutional Scholarship												
Friends of Kottar	6	3	-	7	2	-	28	5	-	35	4	1
Student Welfare Fund	-	-	-	-	-	-	-	1	-	-	5	-
Government Scholarship												
SC/ ST Scholarship	-	-	-	1	-	-	1	-	-	-	-	-
Postmatric Scholarship	23	3	-	24	7	-	59	24	-	67	24	3
Farmers' Social Security Scheme Scholarship	8	2	-	-	-	-	-	-	-	-	-	-
Tamilnadu Educational Trust Scholarship	7	-	-	5	-	-	4	-	-	-	-	-

32. Details on student enrichment programmes (special lectures/ workshops/ seminar) with external experts

- Seminar was conducted on “Modern Trends in Mathematics” on 28.02.2012.
 - Seminar was conducted on “Modern Trends in Mathematics” on 28.02.2013.
 - Seminar was conducted on “Modern Trends in Graph Theory” on 10.02.2014.
 - Seminar was conducted on “Graph Theory and its applications” on 13th & 14th Aug. 2014.
 - State Level Symposium was conducted on the topic “Modern Trends in Discrete Mathematics” on 12th & 13th Aug. 2015.
 - Mr. R. Leo Bright Singh, Assistant Professor, Mar Ephraem College of Engineering, Elavuvilai gave a motivation programme on ‘Career Guidance’ to our III UG and II PG Students on 13.02.2016.
33. Teaching methods adopted to improve student learning
Besides the usual lecture method, seminars, paper presentations, Assignments and quiz programmes are also adopted.
34. Participation in Institutional Social Responsibility (ISR) and Extension activities
- In 19.02.2015, PG students from our college had handled mathematics classes for 6th, 7th and 8th students in St. Mary’s Middle School, Tholayavattam.
 - Our department students conducted classes for the school students at St. Antony’s High School, Mullanganavilai on 01.02.2016.
35. SWOC analysis of the department and Future plans are attached

STRENGTHS

- Department is of 29 years old.
- Experienced & Qualified Teaching Staff
- P.G. and M.Phil courses.
- Spacious class rooms
- Great demand for the course.
- Many of our alumni are placed in government and private sectors.

WEAKNESSES

- Self-financing
- Located in a remote area
- First Generation graduates
- Poor family guidance
- Absenteeism

OPPORTUNITIES

- Dedicated Staff & willing co-ordination of management & Staff
- Regular contact with alumni and financial Assistance to the poor students by alumni

- Financial Assistance for students to the participation of seminars and conferences
- Encouragement to participate in co curricular, extra-curricular and cultural activities.
- Special coaching class to slow learners
- Research orientation to students

CHALLENGES

- Absenteeism and easy going of students.
- Guiding them to get better placement is a challenge
- Making them understand the basic concepts of Mathematics is a challenge.

DEPARTMENT OF PHYSICS

1. Name of the department : PHYSICS
2. Year of Establishment : U.G.- 1988
P.G.- 2011
M.Phil-2014
3. Names of programmes / Courses offered (U.G., P.G., M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.)
 - U.G. - B.Sc. Physics
 - P.G. - M.Sc. Physics
 - M. Phil. Physics
4. Names of Interdisciplinary courses and the departments / units involved : Nil
5. Annual / semester / choice based credit system (Programme wise)
 - B.Sc. Physics : Choice Based Credit System
 - M.Sc. Physics : Choice Based Credit System
 - M. Phil. Physics : Choice Based Credit System
6. Participation of the department in the courses offered by other departments : Yes, Non major
(Computer Science)
10. Courses in collaboration with other universities, industries, foreign institutions, etc. : Nil
11. Details of courses / programmes discontinued (if any) with reasons : Nil
12. Number of Teaching posts (2015 - 2016)

Designation	Sanctioned	Filled
Associate Professors	4	4
Assistant Professors	5	5

13. Faculty profile with name, qualification, designation, specialization (D.Sc/ D.Litt./ Ph.D./ M.Phil. etc.,) as on 31.03.2016

Name	Qualification	Designation	Specialization	Number of years of experience	No. of M. Phil. students guided for the last 4 years
Dr. J. Johnson	M.Sc., M.Phil., Ph. D.	Associate Professor & Head	Solid State Physics	27 Years & 8 Months	2

Mrs. M. Latha Beatrice	M.Sc., B. Ed., M. Phil.	Associate Professor	Nuclear Physics	26 Years & 9 Months	-
Mr. Y. Samson	M.Sc., M.Phil.	Associate Professor	Electronics	26 Years & 8 Months	2
Mr. M. Maria Lenin	M.Sc., M.Phil. B.Ed.	Associate Professor	Photonics(NL O)	23 Years & 9 Months	2
Mrs. S. Glory Sobha	M.Sc., M.Phil. B.Ed.	Assistant Professor	Mathematical Physics	6 Years & 9 Months	-
Mr. A. Rejo Jeice	M.Sc., M.Phil.	Assistant Professor	Nano Structures	4 Years & 8 Months	-
Dr. M. Amalanathan	M.Sc., M.Phil., Ph.D.	Assistant Professor	Vibrational Spectroscopy	4 Years & 8 Months	2
Dr. A. Darlin Mary	M.Sc., M.Phil., Ph.D.PGDCA	Assistant Professor	Condensed Matter Physics	3 Years & 9 Months	2
Mrs. M. Abila Jeba Queen	M.Sc., M.Phil.	Assistant Professor	Nano Physics	3 Years & 9 Months	-

11. List of senior visiting faculty : Nil
12. Percentage of lectures delivered and practical class handled (Programme wise) by temporary faculty : Nil
13. Student-Teacher Ratio (Programme wise) : U.G.: 38:1
P.G.: 15:1
M. Phil.: 6:1
14. Number of academic support staff (technical) and administrative staff; Sanctioned and filled academic support staff (technical) : Sanctioned: U.G.: 1,P.G. : 1
Filled: U.G.: 1, P.G. : 1
15. Qualification of teaching faculty with D.Sc./ D.Litt./ Ph. D/ M. Phil./ P.G. : M. Phil.-6
Ph. D.-3
16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received : Nil
17. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received : Nil
18. Research Centre / facility recognized by the University : Nil
19. Publications : Yes (45)

➤ **Publication per faculty**

Sl.No.	Name of the Staff	No. of Publications		
		ISBN No.	ISSN No.	Total
1.	Dr. J. Johnson	-	2	2

2.	Mr. Y. Samson	-	1	1
3.	Mr. M. Maria Lenin		2	2
4.	Mr. A. Rejo Jeice	-	8	8
5.	Dr. M. Amalanathan	1	29	30
6.	Mrs. A. Darlin Mary	-	2	2

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

Sl.No.	Name of the Staff	Publications		Total
		National	International	
1.	Dr. J. Johnson	-	2	2
2.	Mr. Y. Samson	-	1	1
3.	Mr. M. Maria Lenin	-	2	2
4.	Dr. A. Rejo Jeice	2	6	8
5.	Dr. M. Amalanathan	-	30	30
6.	Dr. A. Darlin Mary	-	2	2

➤ **Number of publications listed in International Database (for example: Web of Science, Scopus, Humanities International Complete, Dare Database – International Social Sciences Directory, EBSCO host, etc.,)**

Sl. No.	Name of the Staff	Number of Publications	Name of the Journal	International Database
1.	Dr.J.Johnson	1	Chemical science Transaction	Scopus
2.	Mr. Y.Samson	1	Science Direct	Scopus
3.	Mr.M.Maria Lenin	2	Materials Today	Scopus
4.	Mr.A.Rejo Jeice	6	Materials Today, Indian Journal of Physics, Chinese Physics B, Journal of Nano Structure, e-Journal of nano science and Nano Technology	Scopus, Web of Science
5.	Dr.M.Amalanathan	30	Spectro Chimica Acta (SAA), Journal of Molecular structure (JMS), Journal of Physical chemistry (JPC), Journal of Raman spectroscopy (JRS), Chemical Physics (CP), Optics and Spectroscopy (OS) and Asian Journal of Spectroscopy (AJS)	Scopus, Wiely-Interscience, American Chemical Society and Springer
6.	Dr. A.Darlin Mary	2	IJERA, IJERT	Scopus

➤ **Monographs**

: Nil

➤ **Chapter in Books**

: Nil

➤ **Books Edited**

- Dr. M. Amalanathan, Assistant Professor of Physics published the book 'Practical Physics' by Root & Wings Publications, Trivandrum.

➤ **Journals with ISBN numbers with details of publishers**

Name	ISBN Number	Details of Publications
Dr. M. Amalanathan	978-0-7354-0606-3/08	American Institute of Physics

➤ **Journals with ISSN numbers with details of publishers**

Sl.No.	Name	ISSN Number	Details of Publications
1.	Dr.J.Johnson	2278-3318	'Spectral Studies on Trimetallic (Cd _x Hg _{1-x} Zn _{1-y}) Thiocyanate Crystals', Journal of Chemical Science Transaction, 2014, 3(2), pp 731-735
2.	Dr.J.Johnson	2454-5422	"Growth and Characterization of Cobalt doped trimetalic Thocynate" International Journal of Currwent Science Research"
3.	Mr.Y.Samson	2327-4085	'The influence of Benzophenone Substitution on the Physic-Chemical Characterization of 8-Hydroxy Quirolione NLO Single Crystals', Journals of Minerals and Materials Characterization and Engineering 2012,11, 769-773.
4.	Mr.M.Maria Lenin	1369-7021	'Non Linear Phonon Polariton Excitations in Quantum Dot Super Lattices', Materials Today Proceedings 2015 (2) 959-964
5.	Mr.M.Maria Lenin	0974-4290	'Polariton of a Quantum Wire Superlattice System', International Conference on Nano-Science and Nano Technology AIP Conference Prodeedings 1665 (2014) 090037(1-3)
6.	Mr. A. Rejo Jeice	1678-4448	'Correlation Energy in a Triplet State of a Two-Electron Spherical Quantum Dot', Brazilian Journal of Physics 39 3(2009)526-530.

7.	Mr. A. Rejo Jeice	1793-6578	‘Effects of Hydrostatic Pressure and Polaronic Effects on the Correlation Energies in a Spherical Quantum Dot’, International Journal of Modern Physics B, 24 (2010) 5561-5569.
8.	Mr. A. Rejo Jeice	2251-788X	‘Effect of Temperature and Pressure on Correlation Energy in a Triplet State of a Two Electron Spherical Quantum Dot’, Journal of Nano-Structures 3 (2013) 347-357.
9.	Mr. A. Rejo Jeice	2320-432X	‘Effects of Hydrostatic Pressure and Aluminum Concentration on Confined Energies in a Parabolic Quantum Dot’, Coromandal Journal of Science 2, 2013,16-21.
10.	Mr. A. Rejo Jeice	0974-9845	‘Confined Energy of Two Electrons in a Spherical Quantum Dot with Interaction effects’, Indian Journal of Physics, 88 10 (2014) 1031-1036.
11.	Mr. A. Rejo Jeice	1348-0391	‘Effect of Temperature and Hydrostatic Pressure on Binding Energy of an Exciton in a Spherical quantum dot’, e-Journal of Surface Science and Nanotechnology 12 (2014) 358-362.
12.	Mr. A. Rejo Jeice	2320-0928	‘Effect of Temperature and Conduction Band Non-Parabolicity on Electronic States in a Spherical Quantum Dot’, Indian Journal of Advances in Chemical Science. 3(2) (2015) 185-191
13.	Mr. A. Rejo Jeice	0974-4290	‘Tunable Polariton Band Gap in Quantum Wire Superlattice System’, International Journal of Chem Tech Research CODEN (USA): IJCRGG Vol.7, No.3, pp 1526-1528, 2014-201
14.	Dr.M.Amalanathan	1089-5639	‘Charge Transfer Interaction and Terahertz Studies of a Nonlinear Optical Material L-Glutamine Picrate: A DFT Study’, Journal of Physical Chemistry A 114 (2010) 13055–13064
15.	Dr.M.Amalanathan	0022-2860	‘Molecular Structure, Vibrational Spectra and Nonlinear Optical Properties of L-Valine Hydrobromide: DFT Study’, Journal of Molecular Structure 985 (2011) 48-56.

16.	Dr.M.Amalanathan	0022-2860	‘Vibrational and Terahertz Spectral Investigation and Nonlinear Optical Properties of L-Phenylalanine Phenylalanine Nitrate –A DFT Study’, Journal of Molecular Structure 1006 (2011) 513-526.
17.	Dr.M.Amalanathan	0022-2860	‘Infrared and Raman Spectra, Vibrational Assignment, NBO Analysis and DFT Calculations of 6-Amino 296odellin’, Journal of Molecular Structure 980 (2010) 24-30.
18.	Dr.M.Amalanathan	1386-1425	‘Density Functional Theory Calculations and Vibrational Spectral Analysis of 3,5-(Dinitro Benzoic Acid)’, Spectrochimica Acta A 78 (2011) 437-1444.
19.	Dr.M.Amalanathan	1386-1425	‘Intramolecular Charge Delocalization and Nonlinear Optical Properties of Push- Pull Chromophore 1-(4-N, N-Dimethylaminopyridinium) Acetic Acid Bromide Monohydrate from Vibrational Spectra’, Spectrochimica Acta A 78 (2011) 264-272.
20.	Dr.M.Amalanathan	1386-1425	‘NBO Analysis and Vibrational Spectra of 2,6-bis(p-Methyl Benzylidene Cyclohexanone) using Density Functional Theory L. Padmaja, M. Amalanathan, C. Ravikumar and I. Hubert Joe’, Spectrochimica Acta Part A: 74(2009)349.
21.	Dr.M.Amalanathan	1386-1425	‘Vibrational Spectra and First Order Hyperpolarizability Studies of Dimethyl Amino Pyridinium 4-Nitrophenolate 4-Nitrophenol’, Spectrochimica Acta Part A 81 (2011) 151-161.
22.	Dr.M.Amalanathan	1386-1425	‘Vibrational Spectral Analysis of Nonlinear Optical Crystal L-Proline Picrate: A Density Functional Theory Study’, Spectrochimica Acta 96 (2012) 10-17.
23.	Dr.M.Amalanathan	1386-1425	‘Analysis of Vibrational Spectra and Nonlinear Optical Properties of Organic Molecule L-Alanine Formate’, Spectrochimica Acta Part A 86 (2011) 174-180.

24.	Dr.M.Amalanathan	1386-1425	‘Vibrational Spectral Investigation and Natural Bond Orbital analysis of anti-Rheumatoid drug Ethyl 4-nitrophenylacetate – DFT approach’, Spectrochimica Acta (2012) 98 (2012) 413-422.
25.	Dr.M.Amalanathan	1386-1425	‘Molecular structure, Normal Coordinate Analysis, Harmonic Vibrational frequencies, Natural Bond Orbital, TD-DFT calculations and biological activity analysis of antioxidant drug 7-hydroxycoumarin’, Spectrochimica Acta 101 (2013) 370-381.
26.	Dr.M.Amalanathan	1386-1425	‘Vibrational spectral investigation and molecular polarizability studies of NLO crystal Naphthalene Picrate for THZ application’, Spectrochimica Acta 108 (2013) 256-267.
27.	Dr.M.Amalanathan	1386-1425	‘Vibrational Spectra, Molecular Structure, Natural Bond Orbital, First Order Hyperpolarizability, TD-DFT and Thermodynamic Analysis of 4-Amino-3-Hydroxy-1-Naphthalenesulfonic Acid by DFT approach’, Spectrochimica Acta 107(2013) 167-178.
28.	Dr.M.Amalanathan	1386-1425	‘Vibrational Spectral Investigation and Natural Bond Orbital Analysis of Pharmaceutical Compound 7-Amino-2,4-Dimethylquinolinium Formate-DFT Approach’, Spectrochimica Acta 115 (2013) 595-602.
29.	Dr.M.Amalanathan	1386-1425	‘Normal Coordinate Analysis and Nonlinear Optical Response of Cross-Conjugated System 4,4-Dimethyl Benzophenone’, Spectrochimica Acta 116 (2013) 574-83.
30.	Dr.M.Amalanathan	1386-1425	‘Studies on molecular structure, vibrational spectra and molecular Docking analysis of 3-Methyl-1,4-dioxo-1,4-di- hydronaphthalen-2-yl 4-aminobenzoate’, Spectrochimica Acta130,2014 ,591-603.

31.	Dr.M.Amalanathan	1386-1425	‘Vibrational Spectra (FT-IR and FT-Raman), Molecular Structure, Natural Bond Orbital, and TD-DFT Analysis of L-Asparagine Monohydrate by Density Functional Theory Approach’, Spectrochimica Acta 133 (2014) 190-200.
32.	Dr.M.Amalanathan	1386-1425	‘Study on Conformational Stability, Molecular Structure, Vibrational Spectra, NBO, TD-DFT, HOMO and LUMO Analysis of 3,5-Dinitrosalicylic Acid by DFT Techniques’, Spectrochimica Acta 136 (2015) 1107-1118.
33.	Dr.M.Amalanathan	1097-4555	‘Theoretical and Vibrational Spectral Investigation of Sodium Salt of Acenocoumarol’, Journal of Raman Spectroscopy 40 (2009) 1033-1038.
34.	Dr.M.Amalanathan	1097-4555	‘Density Functional Theory Calculation and Vibrational Spectral Analysis of 4-Hydroxy-3-(3-oxo-1-Phenylbutyl)-2H-1-Benzopyran-2-One Journal of Raman’, Spectroscopy 41(2010) 1076–1084.
35.	Dr.M.Amalanathan	0301-0104	‘Molecular First Order Hyperpolarizability and Vibrational Spectral Investigation of Warfarin Sodium’, Chemical Physics 78 (2010) 88–102.
36.	Dr.M.Amalanathan	0971-9237	‘Molecular Structure, Vibrational Spectra and Theoretical Studies of Bis Glycyl Glycinium Oxalate’, Asian Journal of Spectroscopy 2010 87-105.
37.	Dr.M.Amalanathan	0971-9237	‘Molecular Structure and Spectroscopic Properties of L-Histidinium Dihydrogen Monophosphate Monohydrate: FT-Raman, FT-IR, SERS and DFT Computations’, Asian Journal of Spectroscopy (2012) 207-224.
38.	Dr.M.Amalanathan	1562-6911	‘FT-IR, FT-Raman, FT-NMR Spectra and DFT Simulations of 4-(4-Fluorophenyl)-1H-Imidazole’, Optics and Spectroscopy, 2013, Vol. 114, No. 4, pp. 525–536.

39.	Dr.M.Amalanathan	1562-6911	'Molecular Structure, Vibrational Spectral Investigation and the Confirmation Analysis Of 4-Methylesculetin Molecule', Optics and Spectroscopy, 2013, Vol. 116, No. 3, pp. 348–359.
40.	Dr.M.Amalanathan	1386-1425	'Vibrational Spectra (FT-IR and FT-Raman), Molecular Structure, Natural Bond Orbital, and TD-DFT Analysis of L-Asparagine Monohydrate by Density Functional Theory Approach', Spectrochimica Acta 133 (2014) 190-200.
41.	Dr. M.Amalanathan	2153-2435	'FT-IR and FT-Raman Spectral Investigation and DFT Computations of Pharmaceutical Important Molecule: Ethyl 2- (4-Benzoyl-2, 5-Dimethylphenoxy) Acetate', Pharmaceutica Analytica Acta 7 2016 1-6.
42.	Dr. M.Amalanathan	0022-2860	'FT-IR Molecular Structure and Charge Transfer Contributions to Nonlinear Optical Property of 2-Methyl-4-Nitroaniline: A DFT Study', Journal of Molecular Structure 1112 (2016) 63-70.
43.	Mrs.A.Darlin Mary	2278-0181	'Electrical Measurement on Zinc-Magnesium Tris(Thiourea) Sulphate (ZMTS) Single Crystals', International Journal of Engineering Research and Technology Vol.3 (2014) 615.
44.	Mrs.A.Darlin Mary	2248-9622	'Growth and Characterization of Zinc-Magnesium Tris(Thiourea) Sulphate (ZMTS) Single Crystals, Journal of Engineering Research and Applications, ol. 3, 2013.

➤ Citation Index

Sl.No.	Cited Paper	Number of Citation
Citation Index of Dr. M.Amalanathan-231		
1.	Theoretical and vibrational spectral investigation of sodium salt of Acenocoumarol I. Hubert Joe, Irena Kostova, C. Ravi Kumar Journal of Raman Spectroscopy 40 (2009) 1033-1038.	36
2.	Density functional theory calculations and vibrational spectral analysis of 3, 5-(dinitrobenzoic acid) M Amalanathan, VK Rastogi, IH Joe, MA Palafox, R Tomar Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy 78 (2011) 437-1444.	29
3.	Molecular structure, vibrational spectra and nonlinear optical properties of L-valine hydrobromide: DFT study M Amalanathan, IH Joe, VK Rastogi Journal of Molecular Structure 985 (1) (2011) 48-56	19
4.	Infrared and Raman spectra, vibrational assignment, NBO analysis and DFT calculations of 6-aminoflavone M. Amalanathan, I.Hubert Joe, Y. Erdogdu, O. Unsalan Journal of Molecular Structure 980 (2010) 24-30	24
5.	Charge Transfer Interaction and Terahertz Studies of a Nonlinear Optical Material L-Glutamine Picrate: A DFT Study M Amalanathan, I.Hubert Joe, SS Prabhu The Journal of Physical Chemistry A 114 (50), 13055-13064	18
6.	Vibrational spectra and natural bond orbital analysis of organic crystal L-prolinium picrate B Edwin, M Amalanathan, I. Hubert Joe Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy 96 (2012) 10-17	12
7.	Analysis of vibrational spectra and nonlinear optical properties of organic molecule L-alaninium formate C Jesintha John, TS Xavier, M Amalanathan, IH Joe, VK Rastogi Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy 86 (2012) 174-180	9
8.	Molecular structure, Normal Coordinate Analysis, Harmonic Vibrational frequencies, Natural Bond Orbital, TD-DFT calculations and biological activity analysis of antioxidant drug 7-hydroxycoumarin M Amalanathan, S. Sebastian, S. Sylvestre, D. Jayarajan Spectrochimica Acta A 101 (2013)	9
9.	Vibrational spectra and first order hyperpolarizability studies of dimethyl amino pyridinium 4-nitrophenolate 4-nitrophenol C Jesintha John, M Amalanathan, AR Twinkle, P Srinivasan, IH Joe Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy 81 (2011) 151-161	9

10.	Vibrational spectral investigation and natural bond orbital analysis of pharmaceutical compound 7-Amino-2, 4-dimethylquinolinium formate–DFT approach DM Suresh, M Amalanathan, S Sebastian, D Sajan, IH Joe, VB Jothy Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy 115(2013) 595-602	10
11.	Density functional theory studies on molecular structure and vibrational spectra of NLO crystal l-phenylalanine phenylalanine nitrate for THz application M Amalanathan, IH Joe, VK Rastogi Journal of Molecular Structure 1006 (1) (2011) 513-526	8
12.	Vibrational spectra, molecular structure, natural bond orbital, first order hyperpolarizability, TD-DFT and thermodynamic analysis of 4-amino-3-hydroxy-1-naphthalenesulfonic acid by DFT approach S Sebastian, S Sylvestre, N Sundaraganesan, M Amalanathan, Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy 107 (2013) 167-178	7
13.	Vibrational spectra (FT-IR and FT-Raman), molecular structure, natural bond orbital, and TD-DFT analysis of L-Asparagine Monohydrate by Density Functional Theory approach S Sylvestre, S Sebastian, S Edwin, M Amalanathan, S Ayyapan Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy 133 (2014)190-200	4
14.	Molecular first order hyperpolarizability and vibrational spectral investigation of Warfarin sodium I Kostova, M Amalanathan, IH Joe Chemical Physics 378 (1) (2011) 88-102	4
15.	Molecular structure and vibrational spectral investigation of charge transfer NLO crystal Naphthalene Picrate for THz application M Amalanathan, I Hubert Joe, VK Rastogi Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy 108(2013) 256-267	3
16.	Normal coordinate analysis and Nonlinear Optical Response of cross-conjugated system 4,4-Dimethyl Benzophenone I Hubert Joe V K Rstogi M. Amalanathan, T.S. Xavier Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy 116 (2013) 574-83	3
17.	NBO analysis and vibrational spectra of 2, 6-bis (p-methyl benzylidene cyclohexanone) using density functional theory L Padmaja, M Amalanathan, C Ravikumar, IH Joe Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy 74 (208)	2
Citation Index of Mr. A. Rejo Jeice – 22		
1.	Correlation energy in a triplet state of a two-electron pherical quantum dot A Rejo Jeice, K Navaneethakrishanan Brazilian Journal of Physics 39 (3), 526-530	14

2.	Effects of hydrostatic pressure and polaronic effects on the correlation energies in a spherical quantum dot A Sivakami, A Rejo Jeice, K Navaneethakrishnan International Journal of Modern Physics B 24 (28), 5561-5569	7
3.	Effect of Temperature and Pressure on Correlation Energy in a Triplet State of a Two Electron Spherical Quantum Dot A Rejo Jeice, KS Joseph Wilson Journal of NanoStructures 3 (3), 347-357	1

➤ **SNIP**

Sl.No.	Name of the Staff	Name of the Journal	SNIP
1.	Mr.M.Maria Lenin	Materials Today (Proceedings)	3.318
2.	Mr. A.Rejo Jeice	International Journal of ChemTech Research	0.598
3.	Mr.A.Rejo Jeice	Materials Today (Proceedings)	3.318
4.	Dr. M.Amalanathan	Journal of Molecular Structure	0.810
5.	Dr. M.Amalanathan	Spectrochimica Acta A Molecular and Biomolecular Spectroscopy	1.166
6.	Dr. M.Amalanathan	Optics and Spectroscopy	0.602
7.	Dr. M.Amalanathan	Journal of Raman Spectroscopy	1.105
8.	Dr. M.Amalanathan	Chemical Physics	0.731

➤ **SJR**

Sl.No.	Name of the Staff	Name of the Journal	SJR
1.	Mr.M.Maria Lenin	Materials Today (Proceedings)	4.357
2.	Mr.A.Rejo Jeice	Materials Today (Proceedings)	4.357
3.	Mr.A.Rejo Jeice	e-Journal of Surface Science and Nanotechnology	0.27
4.	Mr.A.Rejo Jeice	Brazilian journal of Physics	0.39
5.	Mr.A.Rejo Jeice	International Journal of Modern Physics B	0.35
6.	Mr.A.Rejo Jeice	International Journal of ChemTech Research	0.21
7.	Dr. M.Amalanathan	Journal of Physical Chemistry A	1.04
8.	Dr. M.Amalanathan	Chemical Physics	0.611
9.	Dr. M.Amalanathan	Journal of Molecular Structure	0.405
10.	Dr. M.Amalanathan	Spectrochimica Acta A	0.595
11.	Dr. M.Amalanathan	The Journal of Chemical Physics	1.21
12.	Dr. M.Amalanathan	Journal of Raman Spectroscopy	1.05
13.	Dr. M.Amalanathan	Asian journal of spectroscopy	0.1
14.	Dr. M.Amalanathan	Optics and Spectroscopy	0.29

➤ **Impact Factor**

Name of the Staff	Name of the Journal	Impact Factor				
		2011	2012	2013	2014	2015
Dr. J. J. Johnson	Chemical Science Transactions Journal	-	-	-	0.6062	-
Mr. Y. Samson	Journals of Minerals and Materials Characterization and Engineering	-	-	-	0.58	-
Mr. M. Maria Lenin	Materials Today Proceedings	-	-	10.850	-	-
Mr. A. Rejo Jeice	Journal of Current Research in Science	-	-	-	-	0.876
Mr. A. Rejo Jeice	Materials Today Proceedings	-	-	10.850	-	-
Mr. A. Rejo Jeice	Indian Journal of Advances in Chemical Science	-	0.251	0.284	0.387	0.453
Mr. A. Rejo Jeice	Indian Journal of Physics	-	-	-	-	1.377
Mr. A. Rejo Jeice	Brazilian Journal of Physics	0.754	0.598	0.683	0.810	0.810
Mr. A. Rejo Jeice	International Journal of Modern Physics	0.324	0.358	0.455	0.937	0.937
Mr. A. Rejo Jeice	International Journal of Chemtech Research	-	-	-	0.515	-
Dr. M. Amalanathan	Journal of Physical Chemistry A	2.946	2.771	2.775	2.693	2.693
Dr. M. Amalanathan	Chemical Physics	1.696	1.696	1.696	1.696	1.652
Dr. M. Amalanathan	Journal of Molecular Structure	1.634	1.404	1.599	1.602	1.602
Dr. M. Amalanathan	Spectrochimica Acta. A	2.098	1.977	2.129	2.353	2.353
Dr. M. Amalanathan	Journal of Raman Spectroscopy	3.087	2.679	2.519	2.671	2.671
Dr. M. Amalanathan	The Journal of Chemical Physics	3.333	3.164	3.122	2.952	2.952
Dr. M. Amalanathan	Optics and Spectroscopy	0.61	0.559	0.673	0.723	0.723
Mrs. A. Darlin Mary	International Journal of Engineering Research and Technology	-	-	1.76	2.70	-

Mrs.A.Darlin Mary	International Journal of Engineering Research and Applications	-	-	-	1.69	1.69

➤ **h-index**

Name of the Staff	Name of the Journal	h-index
Dr. M. Amalanathan	Journal of Molecular Structure	9
Dr. A. Rejo Jeice	Indian Journal of Physics	2

20. Areas of consultancy and income generated
 - Faculty in the Department of Physics supporting Research work of research scholars of other institutes.
 - Faculty belonging to the Department of Physics acted as Members of Board of Studies of Autonomous Colleges.
 - Dr. M. Amalanathan is a reviewer of Spectrochimica Acta Part A Molecular and Bimolecular Spectroscopy from 04.08.2014.
 - Dr. M. Amalanathan is a reviewer of Arabian Journal of Chemistry from 06.01.2015.
21. Faculty as members in a) National Committees
b) International Committees c) Editorial Boards : Nil
22. Student Projects
 - a) Percentage of students who have done in- house projects including inter departmental / programme : 100
 - b) Percentage of students placed for projects in organizations outside the Institution i.e.in research laboratories / industry / other agencies : Nil
23. Awards / Recognitions received by faculty and students
Faculty
 - Mr. Y. Samson, Associate Professor of Physics received the 'Best N.S.S. Programme Officer' award from Government of Tamil Nadu during the year 2010-2011 in recognition of his outstanding service.
 - Mr.A. Rejo Jeice has been presented a paper entitled "Singlet and triplet state energies of a two electron in a spherical quantum dot" and it has been awarded Best Paper (oral presentation) in the UGC sponsored National Conference on Recent Trends in Quantum Chemistry (QUANTUM 2014), organized by the department of Chemistry and Research Centre, Nesamony Memorial Christian College, Marthandam on December 12 & 13, 2014.

Students

- J. Jansi Rani of III B. Sc. Physics won I Prize in Mini Marathan conducted by N.V.K.S.S, Attoor – 2011-2012.
- Y. Arvind and J. N. Jeslin Jenila of II B. Sc students won first prize in the Collage Competition held on 02-03-2015 at WIPCO 2015 held at Women's Christian College, Nagercoil.

The details of rank holders are given below:

Year	No. of rank holders	
	U.G.	P.G.
1997-1998	1(IV Rank)	-
2012-2013	1(X Rank)	1(II Rank)
2013-2014	-	1(IV Rank)

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

Sl.No.	Name	Designation	Topic	Date
1.	Dr. S. A. Martin Britto Dhas	Assistant Professor, Department of Physics, Sacred Heart College (Autonomous), Tirupattur.	Quantum Particle	27.12.2012
2.	Dr. I. Hubert Joe	Associate Professor, Centre for Molecular and Biophysics Research, Department of Physics, Mar Ivanios College, Thiruvananthapuram-695015	Molecular docking towards drug discovery	04.10.2013
3.	Dr. X. Sahaya Shajan	Associate Professor, Centre for scientific and applied Research, School of Basic Engineering and Sciences, PSN College of Engineering and Technology, Tirunelveli-627152	Nanochitosan: A promising filler material material for high conductivity polymer electrolytes	04.10.2013
4.	Dr. T. Suthan	Assistant Professor, Department of Physics, Noorul Islam University, Kumaracoil – 629180	Growth and characterization of organic material 3-hydroxy benzaldehyde single crystal by modified vertical Bridgman technique	04.10.2013
5.	Dr.S.A. Martin Britto Dhas	Assistant Professor, Department of Physics, Sacred Heart College (Autonomous), Tirupattur.	Spectroscopic conformation of surface modification of metal nano particles	04.10.2013

6.	Dr. S.Sebastian	Assistant Professor, Sri Manakula Vinayagar Engineering College, Madagadipet, Puducherry-605 107, India.	Vibration Spectra (FT-IR and FT-Raman), Molecular Structure, Natural Bond Orbital and TD-DFT Analysis of L-Asparagine Monohydrate by Density Functional Theory Approach	05.10.2013
7.	Dr. G. M. Carmel Vigila Bai	Assistant Professor, Department of Physics, Rani Anna Government College for Women, Tirunelveli District, Tamil Nadu.	Cluster Radioactivity	05.10.2013
8.	Dr.R. Ganapathy Raman	Assistant Professor, Department of Physics, Noorul Islam University, Kumaracoil – 629180	Growth and Characterization of some Organic Non Linear Optical (NLO) Crystals	05.10.2013
9.	Dr.K.S.Joseph Wilson	Associate Professor, Department of Physics, Arul Anandar College, Karumathur	Photonics	28.01.2015
10.	Dr.A.Aruldas	Assistant Professor, Department of Physics, Nesamony Memorial Christian College, Marthandam	Vibrational Spectroscopy	28.01.2015
11.	Dr.K. Jayakumari	Head and Associate Professor in Physics, Sree Ayyappa college for Women - Chunkankadai	Crystal Growth	01.02.2016
12.	Dr.V.Selvam	Assistant Professor in Physics, Rani Anna College for Women, Tirunelveli	Nuclear Dynamics	01.02.2016
13.	Dr.T.Chithabara Thanu	Associate Professor in Physics, S.T.Hindu College, Nagercoil.	Ozone	01.02.2016
14.	Dr.C.Henry	Associate Professor in Physics, St.Jude's College, Thootoor	Radiation Physics	02.02.2016
15.	Dr.S.Sonia	Assistant Professor in Physics, Holy Cross College, Nagercoil	Growth and Characterization of Nanotubes	02.02.2016

25. Seminars/ Conferences / Workshops organized and the source of funding
- a) Seminar : 4
 - b) Symposia : 1
 - c) Source of Funding : Institution & Contribution from Students

26. Student profile programme / coursewise: B.Sc., M.Sc., & M.Phil. Physics

Year	Applications Received	Selected	Enrolled		Pass percentage
			*M	*F	
B.Sc.					
2009-2012	58	46	7	39	67
2010-2013	79	48	7	41	50
2011-2014	64	44	3	41	51
2012-2015	74	48	3	45	68
2013-2016	58	48	5	43	-
M.Sc.					
2011-2013	18	18	1	17	61
2012-2014	57	25	-	25	36
2013-2015	43	25	-	25	40
2014-2016	75	48	2	23	-
M.Phil					
2014-2015	8	5	-	5	100
2015-2016	6	5	-	5	-

*M - Male *F- female

27. Diversity of Students

Name of the course	% of Students from the same state	% of Students from other states	% of Students from abroad
B.Sc. Physics	100	-	-
M.Sc. Physics	96	4	-
M. Phil. Physics	100	-	-

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.?
: Nil

29. Student progression : **B. Sc. Physics**

Year	No. of Students Appeared	No. of Passed	No. of Students			
			U. G to P. G	U. G to B. Ed	Employed	Other
2010-2011	43	16	4	12	-	27
2011-2012	43	29	4	25	-	14
2012-2013	48	24	4	20	4	20
2013-2014	45	23	4	19	-	22
2014-2015	47	32	11	21	2	15

M. Sc. Physics

Year	No. of Students Appeared	No. of Passed	No. of Students				
			P.G. to M.Phil.	P.G. to Ph.D	P. G to any other courses	Employed	Other
2012-2013	18	11	-	-	1	10	-
2013-2014	25	9	-	-	5	19	1
2014-2015	25	10	1	-	4	19	1

M. Phil. Physics

Year	No. of Students	No. of Students passed	M. Phil to B. Ed	M. Phil to Ph. D	Employed	Others
2014-2015	10	10	-	-	7	3
2013-2014	-	-	-	-	-	-

30. Details of Infrastructural facilities

a) Library

The library has a collection of 1034 books including the specimen copies and the books donated by the alumni members.

➤ U.G Library : 482

➤ P.G Library : 552

b) Internet facilities for Staff & Students:

Internet facility is available at the Library, Computer Centre and at the Departments.

c) Class room with ICT facility : Nil

d) Laboratories : Well equipped U.G., P.G. and M.Phil. Laboratories.

31. Number of students receiving financial assistance from college, university, Government or other agencies

Type of Scholarship	2011-2012			2012-2013			2013-2014			2014-2015		
	U. G.	P. G.	M. Phil.	U. G.	P. G.	M. Phil.	U. G.	P. G.	M. Phil.	U. G.	P. G.	M. Phil.
Institutional Scholarship												
Friends of Kottar	31	9	-	20	3	-	30	6	-	23	3	1
Student Welfare Fund	-	-	-	-	-	-	-	-	-	1	-	-
Government Scholarship												
SC / ST Scholarship	-	-	-	1	-	-	1	-	-	-	-	-
Postmatric Scholarship	28	1	-	12	5	-	31	11	-	39	17	1
Tamil Nadu	2	3	-	1	5	-	3	-	-	1	-	-

Educational Trust Scholarship												
Farmers' Social Security Scheme Scholarship	5	-	-	-	-	-	-	-	-	-	-	-
Beedi Workers Scholarship	4	-	-	2	1	-	-	-	-	-	-	-

32. Details on student enrichment Programmes (special lectures / workshops / seminar) with external experts
- A team of scientists from the Kudankulam Nuclear Power Project (KKNPP) explain the benefits of Nuclear power in 2011.
 - Our department was conducted a seminar on Quantum Physics on 27.12. 2012.
 - National Seminar was conducted on Material Science in Research and Technology (NSRTM-2013) on 4th and 5th October 2013.
 - A one day seminar was conducted on Recent Trends in Physics 28.01.2015.
 - National Level Symposium on Recent Trends in Advanced Physics on 1st and 2nd February 2016.
33. Teaching Methods adopted to improve student learning
- Besides the usual lecture method, seminars, group discussions, assignment writing, paper presentations and power point presentations are also adopted.
34. Participation in Institutional Social Responsibility (ISR) and Extension activities
- Theory Enrichment Programme for St. Mary's Middle School, Tholayavattam students was conducted on 19th Febuaray in the year 2015 by three P.G. Students namey Remiya, Justin Rej and Janani.
 - Mr.Y.Samson, Associate Professor, Department of Physics addressed through All India Radio, Nagercoil on the topic 'Atmosphere of Earth' on 15.05.2015 in connection with Global Wind Day.
 - Theory Enrichment Programme for St. Antony' s high school, Mullanganavilai students was conducted on 4th Febuaray in the year 2016 by three P.G. Students namey Remiya, Justin Rej and Janani.
 - Mrs A.Darlin Mary, Department of Physics addressed through 'All India Radio', Nagercoil on the topic 'Space Voyage' on 10.02.2015.
 - Our I M. Sc. Physics students also visited an old age home 'Sacred Heart' at Tholayavattam on 31.08.2015.

- Our II M. Sc. Physics students visited an old age home namely 'Melbin Jones Home' at Karungal on 01.09.2015.
 - Our III B. Sc. Physics students visited an old age home 'Anbagam' at Munchirai on 28.09.2015.
 - Our II B. Sc. Physics students visited an 'Antony Karunai Illam' at Kurusadi on 28.09.2015.
35. SWOC analysis of the department and Future plans
- Strengths**
- Experienced and well qualified staff.
 - Well Equipment Lab
 - Enriched Library
 - Well furnished and spacious classes
- Weaknesses**
- Maximum students from rural area and coming from Tamil medium
 - Most of the students are first generation graduates
 - 99% are girl student and they are not interested in higher studies and employment.
- Opportunities**
- Highly job oriented course
 - In teaching
 - In research
 - In electrical and electronic companies
 - Power Projects (Wind, Thermal, Nuclaer,etc.,)
- Challenges**
- For away for urban
 - Not sufficient transport facilities
 - Poor in communication in English
 - Getting meritorious students to our department.
- Future Plan**
- Promote more students to do research and motivate them to get job in government and private sectors
 - To make more students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.,

DEPARTMENT OF CHEMISTRY

1. Name of the department : Chemistry
2. Year of Establishment : U. G.-1989
P. G.-1993
M. Phil.-2014
3. Names of programmes / Courses offered (U.G., P.G., M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.)
 - U.G. - B.Sc. Chemistry
 - P.G. - M.Sc. Chemistry
 - M. Phil. Chemistry
4. Name of Interdisciplinary courses and the departments / units involved : Nil
5. Annual / semester / choice based credit system (programme wise)
 - B.Sc. Chemistry : Choice Based Credit System
 - M.Sc. Chemistry : Choice Based Credit System
 - M. Phil. Chemistry : Choice Based Credit System
6. Participation of the department in the courses offered by other departments : Nil
7. Courses in collaboration with other universities, industries, foreign institutions, etc. : Nil
8. Details of courses / programmes discontinued (if any) with reasons : Nil
9. Number of Teaching posts:

Designation	Filled
Associate Professors	1
Assistant Professors	8

10. Faculty profile with name, qualification, designation, specialization (D.Sc./ D.Litt./ Ph.D./ M.Phil. etc.,) as on 31.03.2016

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of M.Phil. Students guided for the last 4 years
Dr.S.R.Brintha	M.Sc., M.Phil.,Ph.D.	Associate Professor and Head	Inorganic Chemistry	23 years & 8 months	3
Dr.S.Mary Helen	M.Sc., M.Phil.,Ph.D.	Assistant Professor	Organic chemistry	15 years & 8 months	3
Mrs. V.Usha	M.Sc., M.Phil.	Assistant Professor	Physical Chemistry	8 years & 8 months	-
Mrs. S.S.Sajitha	M.Sc., M.Phil.	Assistant Professor	Physical Chemistry	8 years & 8 months	-

Dr.M.Jayarajan	M.Sc., M.Phil., Ph.D.	Assistant Professor	Organic Chemistry	8 years & 4 months	4
Mrs.M.Jaya Brabha	M.Sc., M.Phil.	Assistant Professor	Inorganic Chemistry	6 years & 9 months	-
Mrs.M.Antilin Princela	M.Sc., M.Phil.	Assistant Professor	Organic Chemistry	3 years & 9 months	-
Mrs.T.Delma	M.Sc., M.Phil.	Assistant Professor	Inorganic Chemistry	2 year & 9 months	-
Mr.J.Eugin Shaji	M.Sc., M.Phil.	Assistant Professor	Physical Chemistry	1 year & 9 months	-

11. List of senior visiting faculty : Nil
12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty : Nil
13. Student-Teacher Ratio (programme wise) : U.G. -38:1
P.G. -15:1
M. Phil. - 5:1
14. Number of academic support staff (technical) and administrative staff; sanctioned and filled Academic support staff (technical) : Sanctioned: 3
Filled : 3
15. Qualifications of teaching faculty with D.Sc. / D.Litt. / Ph.D. / M.Phil. / P.G. : Ph.D. - 3
M.Phil - 6
16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received : Nil
17. Departmental projects funded by DST-FIST: UGC, DBT, ICSSR, etc. and total grants received : Nil
18. Research Centre / facility recognized by the University : Nil
19. Publications : Yes (20)

➤ **Publication per faculty**

Sl.No.	Name of the Staff	Publications		
		ISBN No.	ISSN No.	Total
1.	Dr. S.R. Brintha	-	3	3
2.	Dr. S. Mary Helen	-	3	3
3.	Mrs. S. S. Sajitha	-	1	1
4.	Dr. M. Jaya Rajan	-	2	2
5.	Mr. M. Jaya Brabha	-	4	4
6.	Mrs. M. Antilin Princela	-	2	2
7.	Mr. J. Eugin Shaji	-	5	5

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

Sl.No.	Name of the Staff	Publications		Total
		National	International	
1.	Dr. S.R. Brintha	-	3	3
2.	Dr. S. Mary Helen	-	3	3
3.	Mrs. S. S. Sajitha	-	1	1
4.	Dr. M. Jaya Rajan	-	2	2
5.	Mr. M. Jaya Brabha	-	4	4
6.	Mrs.M.Antilin Princela	-	2	2
7.	Mr. J. Eugin shaji	1	4	5

➤ **Number of publications listed in International Database (for example: Web of Science, Scopus, Humanities International Complete, Dare Database – International Social Sciences Directory, EBSCO host, etc.,)**

Sl. No.	Name of the Staff	Number of Publications	Name of the Journal	International Database
7.	Dr. S. R. Brintha	3	International Journal of Chemical and analytical Science, International Journal of Engineering Research and Applications, Journal of Applied Chemistry	IJERA Publication, Scopus, Hindawi Publishing Corporation
8.	Dr. S. Mary Helen	3	Drug Invention Today, International Journal for Scientific Research & Development	Scopus, IJSRD Publication
9.	Mrs. S. S. Sajitha	1	International Journal of Engineering Research and Applications	IJERA Publication
10.	Dr. M. Jayarajan	2	Asian Journal Applied Sciences, Research Journal of Environmental Sciences	Knowledgia Review, Academic Journals Inc.
11.	Mrs. M. Jaya Prabha		International Journal of Engineering Research and Applications, International Journal for Scientific Research and Development	IJERA Publication, IJSRD Publication

12.	Mrs. M. Antilin Princela	2	Asian Journal of Research Chemicals, Asian Journal of Chemicals and Pharmaceutical Research	V Publications, Pharma Research Publication
13.	Mr.J.Eugin Shaji	4	Journal Environmental Nano Technology, International Research Journal of Environmental Science, Asian Journal of Applied Research, International Journal of Current Science Research	Institute for Environmental Nanotechnology , International Science Community Association, Yadava Publication, Dr.BGR Publications

➤ **Monographs** : Nil

➤ **Chapter in Books** : Nil

➤ **Books Edited** : Nil

➤ **Journals with ISSN numbers with details of publishers**

Sl.No.	Name	ISSN Number	Details of Publications
1.	Dr.S.R.Brintha	2248-9622	Growth and Characterization of pure and ferrous sulphate doped BisthioureaZine chloride, "International Journal of Engineering Research and Applications, Vol 5 (2015) pp. 57-62"
2.	Dr.S.R.Brintha	0976-1206	Isotherm Studies on Adsorption of Crystal Violet Dye Using Zinc Oxide Adsorbents, "International journal of chemical and analytical science, 2012, 3(10) 1573-1577."
3.	Dr.S.R.Brintha	2278-5736	"Synthesis And Characterisation of ZnO Nanoparticles via Aqueous Solution, sol-gel and Hydrothermal Methods", IOSR Journal of Applied Chemistry, Volume 8, Issue 11 Ver. 1 (Nov. 2015), PP 66-72
4.	Dr. S. Mary Helen	0975 - 7619	Equilibrium Studies on the Removal of Methyl Orange Dye from Aqueous Solution by Adsorption onto a Biopolymer, " Drug Invention Today, 2012, 4(11) 590-593"

5.	Dr. S. Mary Helen	2319-7064	“Characterization and Antimicrobial Study of Nickel Nanoparticles Synthesized from Dioscorea (Elephant Yam) by Green Route”, International Journal of Science and Research (IJSR).
6.	Dr. S. Mary Helen	2321-0613	Characterization and Antimicrobial Study of Cobalt Nanoparticles Synthesized from Manihot Esculent (Tapioca) by Green Route
7.	Mrs. S. S. Sajitha	2278-0181	Analysis of Macronutrients (Calcium and magnesium) and Trace Elements (Iron &Zine) in Common Edible Indian Foods, “International Journal of Engineering Research and Technology, Volume. 5-Issue. 02, 2016”
8.	Dr. M. Jaya Rajan	1996-3343	Agricultural Waste of Jackfruit peel Nano-Porous Adsorbent for Removal of Rhodamine Dye, “Asian Journal of Applied Sciences 4(3) (2011) 263 – 270.”
9.	Dr. M. Jaya Rajan	1819-3412	Use of Low Cost Nano-Prous Materials of Pomelo Fruit Peel Wastes in Removal of Textile Dye, “Research journal of Environmental Sciences 5(5) (2011) 434 – 443.”
10.	Mrs. M. Jaya Brabha	2248-9622	Growth and Characterization of pure and ferrous sulphate doped BisthioureaZine chloride, “International Journal of Engineering Research and Applications, Vol 5, Issue 10, (Part-3) (2015) 57-62”
11.	Mrs. M. Jaya Brabha	2321-0613	Growth and Characterization of pure and anthranilic acid doped BisthioureaZine chloride, International Journal for Scientific Research and Development
12.	Mrs. M. Jaya Brabha	2321-0613	Growth and Characterization of Nickel Sulphate Doped Bis ThioureaZinc Chloride, International Journal for Scientific Research and Development,vol 3,Issue 08

13.	Mrs. M. Jaya Brabha	2278-0181	Analysis of Macronutrients (Calcium and magnesium) and Trace Elements (Iron & Zinc) in Common Edible Indian Foods, "International Journal of Engineering Research and Technology, Volume. 5-Issue. 02, 2016"
14.	Mrs. M. Antilin princela	2319-1414	"International Research Journal of Environmental science 4, 3, 17-20, 2015."
15.	Mrs. M. Antilin princela	2347-8322	Synthesis And Characterisation of Bioactive Transition Metal Complexes of Zr(IV) and Th(IV) using di- α -formylmethoxy bis (3-pentadecenylphenyl) methane(DFMPM) derived from Cardanol, "Asian Journal of chemical & Pharmaceutical Research -3(1) (2015), 208 -214"
16.	Mr. J. Eugin Shaji	2454-5422	"Analysis of Radionuclide Level in Soil and Rock Powder Samples and Assessment of Radiological Risks", International Journal of Current Science Research, Volume 2; Issue: 1; January 2016, pp. 261-274
17.	Mr. J. Eugin Shaji	2395-1702	Assessment Of Heavy Metal Concentration In River Sediments Of Kanyakumari District, "Asian Journal of Applied Research, Volume 01 (2015) 08-13."
18.	Mr. J. Eugin Shaji	2319-5541	Measurement of ^{210}Po and ^{210}Pb activity concentration in Rock samples of western ghats, Tamil Nadu, India Vol.3 (2014) 16-19
19.	Mr. J. Eugin Shaji	2319-1414	Studies on Radionuclides ^{226}Ra , ^{238}U , ^{228}Th and ^{40}K in river sediment samples of Kanyakumari District, Tamil Nadu, India Vol.4(3) (2015) 17-20
20.	Mr. J. Eugin Shaji	2319-6750	Radioactivity measurement in river sediments and aquatic organisms of Kanyakumari District Vol.12 (2013) 17-20

➤ **Citation Index**

: Nil

➤ **SNIP**

Sl.No.	Name of the Staff	Name of the Journal	SNIP
1.	Dr. S. Mary Helen	Drug Invention Today	0.287
2.	Mrs. M. Antilin Princela	Asian Journal of chemical and Pharmaceutical Research	0.481 (2013)

➤ **SJR**

Sl.No.	Name of the Staff	Name of the Journal	SJR
1.	Dr. S. Mary Helen	Drug Invention Today	0.167
2.	Dr. M. Jayarajan	Asian Journal of Applied Sciences	0.19
3.	Mrs. M. Antilin Princela	Asian Journal of chemical and Pharmaceutical Research	0.32

➤ **Impact Factor**

Name of the Staff	Name of the Journal	Impact Factor			
		2012	2013	2014	2015
Dr.S.R.Brintha	International journal of chemical and analytical science	3.488	4.214	-	-
Dr. S. Mary Helen	International Journal of Science and Research	-	-	5.611	-
Mrs.S.S.Sajitha	International Journal of Engineering Research and Technology	-	1.76	2.70	-
Dr. M. Jaya Rajan	Asian Journal of Applied Sciences	0.215	0.286	0.350	0.417
Mrs. M. Jaya Brabha	International Journal of Engineering Research and Applications	-	-	1.69	1.69
Mrs. M. Jaya Brabha	International Journal for Scientific Research and Development	-	0.523	0.655	2.415

Mrs. M. Jaya Brabha	International Journal of Engineering Research and Technology	-	1.76	2.70	-
Mrs. M. Antilin princela	Asian Journal of chemical and Pharmaceutical Research	0.361	0.398	0.467	0.543

➤ **h-index**

: Nil

20. Areas of consultancy and income generated
- Soil testing by Department of Chemistry
 - Water testing by Department of Chemistry
 - Faculty belonging Department of Chemistry acted as Members of Board of Studies of Manonmaniam Sundaranar University.
21. Faculty as members in a) National committees
b) International Committees c) Editorial Boards : Nil
22. Student projects
- a. Percentage of students who have done in-house projects including inter departmental / programme : M. Sc.- 100
M.Phil.- 80
- b. Percentage of students placed for projects in organizations outside the institution i.e. in Research laboratories / Industry / other agencies :M. Sc.- Nil
M.Phil.- 20
23. Awards / Recognitions received by faculty and students
Faculty : Nil
Students : **Extra-curricular & Co-curricular Achievements**

Name of the Student	Name of the Competition	Venue	Achievements
2011-2012			
S.Arul Bosco & A.Anish Babu of II M.Sc. Chemistry	Poster Presentation	-	I Prize
S. Linsy of I B. Sc. Chemistry	Mini Marathan	N.V.K.S.S, Attoor	I Prize
2012-2013			
M. Asha Mary & M. P. Mania of II M. Sc. Chemistry	District Level Quiz Competition	Bethlahem Institution, Karungal	I Prize

2013-2014			
M. Ajitha of II PG Chemistry	Paper Presentation	-	Best Paper Award
2014-2015			
C.I.Anish III BSc & A. Ashwin of II B.Sc. Chemistry	Intercollegiate Quiz Competition	St. Xavier's College (Autonomous), Palayamkottai	III Prize
C.I.Anish III BSc & A.Ashwin II B. Sc. Chemistry	Poster Presentation	St. John's College Palayamkottai	I Prize
A.Ashwin II B. Sc. Chemistry	Quiz Competition	St. John's College Palayamkottai	III Prize
2015-2016			
M. L. Anelin Abisha, V. Viji Mol of III UG and R. Suji Mol of I UG	District Level Literary Competition	Youth Club, Payanam	II Prize
R. Suji Mol of I B.Sc. Chemistry	Verse Writing Competition	DMK Elakkiya Ani, Marthandam	I Prize
D.L. Dona II B.Sc. Chemistry	Paper Presentation	St. Xavier,s College Palayamkottai	I Prize
Sr.N.Anto Jeni Delsia of II B. Sc. Chemistry	Paper Presentation	St. Xavier,s College Palayamkottai	II Prize
M. L. Anelin Abisha, V. Viji Mol of III UG and R. Suji Mol of I UG, N. Anto Jeni Felsia of II UG	Paper Presentation, Elocution, Dumb Cherade, Fancy Dress Competition	St. Xavier,s College Palayamkottai	Overall Trophy

The details of rank holders are given below:

Year	No. of Rank Holders	
	U. G.	P. G.
2011-2012	1 (XX Rank)	1 (IX Rank)
2012-2013	1 (II Rank)	-
2013-2014	1 (XIII Rank)	-
2014-2015	1 (XIII Rank)	1 (I Rank)

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

- Dr. K.B.Ramesh Kumar, Scientist B, TBGRI, Trivandrum (11.02.2011).
- Dr.J.Anil John, Phytopharmacology Division, TBGRI, Trivandrum (11.02.2011).
- Prof. Chitra Thomas, Former Head, Department of Chemistry, Scott Christian College, Nagercoil. (11.02.2011 and 30.01.2015).
- Dr.Ramalingam Pillai, HOD, Associate Professor, Department of Chemistry, Lekshmipuram College of Arts and Science , Lekshmipuram. (15.03.2013).
- Dr.A. Maria Starwin, Assistant Professor, Department of Chemistry, Mar Evans Arts and Science College, Trivandrum (15.03.2013).
- Dr.A. Joseph Raj Kumar, Senior Scientist, CPCRI, Kayankulam (30.01.2014).
- Dr.G. Annadurai, JSPS Fellow (Japan), TANSA (Tamil Nadu), SPKCES, Alwarkurichi (30.01.2014).
- Dr.J. Mary Gladis, Reader, IIST, Trivandrum (31.01.2014).
- Dr.T.P.D. Rajan, Scientist, NIIST, Trivandrum (31.01.2014).
- Dr. A.Simi, Assistant Professor, St.Joseph's College, Trichy (31.01.2014).
- Mrs.Andrea.F.Mary, Medical Bio Chemist, Ramachandra Medical College, Chennai (31.01.2014)
- Dr.Y.Jaya Vince Ruban, Assistant Professor, St.Xaviers College, Tirunelveli (31.01.2014).
- Dr.Kaustabh Kumar Maiti, Senior Scientist, National Institute of Interdisciplinary Science and Technology,Trivandrum (29.01.2015)
- Dr.K.Rajesh, Assistant Professor, University College, Trivandrum (29.01.2015)
- Dr.G.Radhika Nath, Assistant Professor, D.B.College, Trivandrum (29.01.2015)
- Dr.A.Rose Venis, Associate Professor, St.Joseph's college, Trichy (30.01.2015).
- Mr.S.A.Deva Prince, Asistant Professor, Arulanandar College, Karumathur (14.08.2014 & 16.02.2015).
- Dr.K.Arun Prasad Lingam, Assistant Professor, Kamaraj College, Tuticorin (16.02.2015).
- Dr. M. Sankaranarayana Pillai, Professor, Head, Dept. of chemistry, Noorul Islam University. (04.02.2016)
- Dr. K. Y. Sandya, Associate Professor, IIST, Trivandrum. (04.02.2016).
- Mr.R.Britto Dominic Rayan, Associate Professor, St. Philomina's college, Mysore. (05.02.2016).

- Dr. V. Jayabhol, Head, Dept of chemistry, St.Xavier's College, Palayamkottai. (05.02.2016).
- Mr. M.S. Selva kumar, Assistant professor, St. Xavier's college, palayamkottai (05.02.2016).

25. Seminars / Conferences / Workshops organized & the source of funding
- Seminar : 3
 - Symposia : 2
 - Source of Funding : Institution & Contribution from Students
26. Student profile programme / course wise

B.Sc. Chemistry

Year	Applications Received	Selected	Enrolled		Pass percentage
			*M	*F	
2009-2012	53	38	1	37	71
2010-2013	63	48	2	46	57
2011-2014	75	44	1	43	71
2012-2015	57	48	2	46	60
2013-2016	62	48	5	43	-

*M - Male *F- female

M.Sc. Chemistry

Year	Applications Received	selected	Enrolled		Pass Percentage
			*M	*F	
2010-2012	44	25	2	23	29
2011-2013	48	25	-	25	12
2012-2014	46	25	-	25	44
2013-2015	57	25	1	24	52
2014-2016	47	25	-	25	-

M. Phil. Chemistry

Year	Applications Received	Selected	Enrolled		Pass Percentage
			*M	*F	
2014-2015	12	10	1	9	70
2015-2016	9	4	1	3	-

*M - Male *F- female

27. Diversity of Students

Name of the Course	% of students from the same state	% of students from other states	% of students from abroad
B.Sc. Chemistry	100	-	-
M.Sc .Chemistry	100	-	-
M.Phil. Chemistry	75	25	-

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil Services, Defence Services, etc.? : 2(SLET-1,Civil Service-1)

29. Student progression

Student's Progression - B.Sc. Chemistry

Year	No. of Students Appeared	No. of Students passed	No. of Students			
			U.G. to P.G.	Employed	U. G. to B. Ed.	Others
2011-2012	35	25	14	-	11	-
2012-2013	47	27	7	1	18	1
2013-2014	41	29	9	-	20	-
2014-2015	45	27	9	1	17	-

Student's Progression - M. Sc. Chemistry

Year	No. of Students	No. of Students Passed	No. of Students			
			P.G. to B. Ed	P.G. to M. Phil.	PG to Ph. D.	Employed
2011-2012	24	7	-	2	1	4
2012-2013	25	3	-	2	-	1
2013-2014	25	11	5	1	-	5
2014-2015	25	13	5	3	-	5

Student's Progression - M. Phil. Chemistry

Year	No. of Students	No. of Students Passed	No. of Students		
			M. Phil to B. Ed	M. Phil to Ph. D	Employed
2014-2015	10	7	-	-	7

30. Details of Infrastructural facilities

c) Library

The library has a collection of 797 books including the specimen copies and the books donated by the staff members.

UG Library : 152

PG Library : 645

d) Internet facilities for Staff & Students : Available at the Library, Computer Center and at the Departments

e) Class rooms with ICT facility : Nil

f) Laboratories : Well equipped laboratory for B.Sc., M.Sc. and M.Phil. Chemistry.

31. Number of students receiving financial assistance from college, university, government or other agencies

Type of Scholarship	2011-2012			2012-2013			2013-2014			2014-2015		
	U. G.	P. G.	M. Phil.	U. G.	P. G.	M. Phil.	U. G.	P. G.	M. Phil.	U. G.	P. G.	M. Phil.
Institutional Scholarship												
Friends of Kottar	17	10	-	15	6	-	14	7	1	20	7	-
Student Welfare Fund	-	-	-	-	1	-	-	2	-	-	1	-
Government Scholarship												
SC / ST Scholarship	-	-	-	-	-	-	-	-	-	-	1	-
Postmatric Scholarship	32	15	-	16	6	-	34	8	-	36	7	7
Farmers' Social Security Scheme Scholarship	5	2	-	-	-	-	-	-	-	-	-	-
Tamil Nadu Educational Trust Scholarship	2	-	-	-	-	-	-	-	-	-	-	-
Beedi Workers Scholarship	2	-	-	-	-	-	-	-	-	-	-	-

32. Details of student enrichment programmes (Special Lectures/ Workshops/ Seminar) with external experts

- National Seminar was conducted by our department on 'Recent trends in Chemistry' on 11.02. 2012.
- State Level Seminar was conducted on 'Chem Fest 2013' on 15.03.2013.
- National Seminar was conducted on the topic 'Newer innovations in Chemistry' on 30th and 31th Jan. 2014.
- On 28.07.2014 an awareness programme on UGC/ SLET/ NET Examinations was organized.
- On 14.08.2014 a Guest Lecture on 'Lanthanides and Actinides' was organized for I M.Sc. Chemistry students.
- National Symposium on 'Green and Sustainable Energy' on 29th & 30th Jan. 2015.
- One-day Seminar on 'Analytical Techniques in Chemistry' was organized on 16.02.2015.
- Two days Symposium on 'Advances and Application in Chemistry' 4th and 5th February 2016

33. Teaching methods adopted to improve student learning

Besides the usual lecture method, seminars, quiz, various competitions and group discussions are arranged. Industrial visits are also arranged.

34. Participation in Institutional Social Responsibility (ISR) and Extension Activities

- Our department staff and students visited Punar Jeevan Old Age Home, Tholayavattam on 18.02.2015.
- On 25.02.2015 subject teaching was carried out by our II M.Sc. Chemistry students to 6th to 8th standard students of St. Mary's Middle School, Tholayavattam.
- To motivate the school students, a social awareness programme was given by Dr. M. Jayarajan for the St. Aloysius High School students on 13.03.2015.
- To create social awareness the students visited an old age home 'Anbagam' at Munchirai on 21.08.2015 and helped them by providing clothes, groceries, rice and money. They also entertained the people in the home.
- On 08.02.2016 subject teaching was conducted by four PG students to 6th to 8th standard students of St. Antony's High School, Mullanganavilai.

35. SWOT analysis of the department and Future plans

STRENGTHS

- Experienced and qualified teaching staff and experienced non-teaching staff.
- Among nine staff members three are Ph.D holders and two are doing Ph.D.
- A good library with a number of books and journals for PG.
- Full strength in all the classes.
- Every year our students are getting University ranks.
- Good opportunity for the students to carry out their UG, PG and Research course in same institution.
- Every year more and more exposure is given to the students by way of Awareness programmes, Seminars, Industrial visits and Educational tours.
- Well equipped PG Laboratories.

WEAKNESSES

- Lack of instruments for research
- Lack of certificate courses conducted by the department
- Most of the students are first generation graduates
- Lack of space in UG Laboratories.

OPPORTUNITIES

- Special coaching and remedial class to weak students.
- Association Meetings, quiz and various competitions to exhibit their talents.

- National level symposium to get wide knowledge from subject experts.
- Industrial visits to acquire technical knowledge.
- Encouraging students to participate and present papers in seminars, symposium and workshops.

THREATS

- Staff migration.
- Lack of interest among students to study inspite of repeated motivation.
- Poor input.

DEPARTMENT OF COMPUTER SCIENCE

1. Name of the department : COMPUTER SCIENCE
2. Year of Establishment : U.G. : 1992-1993
: P.G. : 2013-2014
3. Names of programmes / Courses offered (U.G., P.G., M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.)
 - U.G. - B.Sc. Computer Science
 - P.G. - M.Sc Computer Science.
4. Names of Interdisciplinary courses and the Departments / units involved : Nil
5. Annual / semester / choice based credit System (programme wise)
 - B.Sc. Computer Science : Choice Based Credit System
 - M.Sc. Computer Science : Choice Based Credit System
6. Participation of the department in the courses offered by other departments : Yes, Non major Elective (Physics)
7. Courses in collaboration with other universities, industries, foreign institutions, etc. : Nil
8. Details of courses / programmes discontinued (if any) with reasons : Nil
9. Number of Teaching posts (2015 - 2016)

Designation	Sanctioned	Filled
Associate Professors	3	3
Assistant Professors	7	7

10. Faculty profile with name, qualification, designation, specialization (D.Sc./ D.Litt./ Ph.D./ M.Phil. etc.,) as on 31.03.2016

Name	Qualification	Designation	Specialization	Number of years of experience
Mr. Y.R Berlin Raja Singh	M.Sc., M.Phil., B.Ed., M.Phil(C.S)	Associate Professor and Head	Software Testing, Digital Electronics	19 Years and 9 months
Mr. M. Mohanadhas	M.C.A., M.Phil.	Associate Professor	Image Processing	18 Years and 9 months
Mr. T.R Ambasankar	M.C.A., M.Phil.	Associate Professor	DBMS	17 Years and 8 months

Mr. Y. Kingston Albert Dhas	M.C.A., B.Ed., M.Phil.	Assistant Professor	Mobile Computing and Data structure	8 Years and 9 months
Mrs. G. Jasmine Christabel	M.C.A., M.Phil.	Assistant Professor	Object Oriented System Development	8 Years and 6 months
Mrs. P.M. Jogi Priya	M.C.A., M.Phil., M.Tech.	Assistant Professor	Network Security	7 years and 8 months
Mrs. J. Josephin Jinisha	M.C.A., M.Phil.	Assistant Professor	Advanced Java Programming	7 Years and 9 months
Mrs. C. Anitha Mary	M.Sc., M.Phil., M.Ed.	Assistant Professor	Design and Analysis of Algorithm	7 Years and 9 months
Mr. S. Kingsly Antony Jeyaraj	M.Sc., M.Phil.	Assistant Professor	Data structures and Algorithms	3 years and 9 months
Miss. S. Rosy Esther Mary	M.Sc (C.T), M.E.(CSE)	Assistant Professor	Java	7 months

11. List of senior visiting faculty : Nil
12. Percentage of lectures delivered and practical
Classes handled (Programme wise) by
Temporary faculty : Nil
13. Student-Teacher Ratio (Programme wise) : U.G. - 21:1
P.G. - 10:1
14. Number of academic support staff (technical)
and administrative staff; Sanctioned and
filled Academic support staff (technical) : Sanctioned:U.G.-1,P.G.- 1
Filled : U.G. - 1, P.G.- 1
15. Qualification of teaching faculty with
D.Sc / D.Litt / Ph.D / M.Phil / PG : M.Phil.- 9
P.G.- 1
16. Number of faculty with ongoing projects from
a) National b) International funding agencies
and grants received : Nil
17. Departmental projects funded by DST-FIST;
UGC, DBT, ICSSR, etc. and total grants
Received : Nil
18. Research Centre / facility recognized by the
University : Nil
19. Publications

➤ **Publication per faculty**

Name of the staff	No. of Publications		
	ISBN No.	ISSN No.	Total
Mr. M. Mohanadhas	-	3	3
Mrs. P. M. Jogi Priya	-	2	2

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

Name of the Staff	Publications		Total
	National	International	
Mr. M.Mohanadhas	-	3	3
Mrs. P.M.Jogi Priya	-	2	2

- **Number of publications listed in International Database (for example: Web of Science, Scopus, Humanities International Complete, Dare Database – International Social Sciences Directory, EBSCO host, etc.,)**

Name of the Staff	Number of Publications	Name of the Journal	International Database
Mr.M.Mohanadhas	4	International journal of Computer Science and Information Technology, International Journal of Engineering Research and Applications	IJCSIT, IJERA
Mrs. P.M.Jogi Priya	2	Life Science Journal	Life Science Site

- **Monographs** : Nil
 ➤ **Chapter in Books** : Nil
 ➤ **Books Edited** : Nil
 ➤ **Journals with ISSN numbers with details of publishers**

Sl.No.	Name	ISSN Number	Details of Publications
1.	Mr. M.Mohanadhas	0976-8491	A Comparative study of salt and pepper noise reduction, "International journal of Computer Science and Technology, 2012, Vol 3, Issue 2."
2.	Mr. M.Mohanadhas	0975-8887	A novel approach for salt and pepper noise removal using ROR and Contourlet Transform, International journal of Computer Science and Technology, May 2013, Vol 71- No 8

3.	Mr. M.Mohanadhas	2248-9622	Multi model Biometric authentication Parameters on Human body, "International Journal of Engineering Research and Applications, 2012, Vol. 2, Issue3."
4.	Mrs.P.M.Jogi Priya	1097-8135	Analysing the 329odelling and performance of Greedi Perimeter stateless rooting protocol in highly dynamic mobile AdHoc network, "Life Science Journal 2013;10 (2)"
5.	Mrs.P.M.Jogi Priya	1574-017X	Ensuring Reliable Communication in Disaster Recovery Operations with Reliable Routing Technique, Hindawi Publishing Corporation Mobile Information Systems Volume 2016, Article ID 9141329, 10 pages

- **Citation Index** : Nil
- **SNIP** : Nil
- **SJR**

Name of the Staff	Name of the Journal	SJR
Mr. M. Mohanadhas	International journal of Computer Science and Technology	0.4
Mr. P. M. Jogi Priya	Life Science Journal	0.16

➤ **Impact Factor**

Name of the staff	Name of the Journal	Impact factor				
		2011	2012	2013	2014	2015
Mr.M.Mohanadhas	International Journal of Computer Science and Technology	-	-	0.478	0.567	0.657
Mr.M.Mohanadhas	International Journal of Engineering Research and Applications	-	-	-	1.69	1.69
Mr. P. M. Jogi Priya	Life Science Journal	-	-	-	2.702	-
Mr. P. M. Jogi Priya	Mobile Information Systems	-	-	-	0.949	-

- **h-index** : Nil

20. Areas of consultancy and income generated : Faculty belonging to the Department of Computer science act as Members of Board of Studies of Manonmaniam Sundaranar University.
21. Faculty as members in a) National Committees
b) International Committees c) Editorial Boards. : Nil
22. Student Projects
a. Percentage of students who have done in- house projects including inter departmental / programme : 100
b. Percentage of students placed for projects in organizations outside the Institution i.e.in research laboratories / industry / other agencies: 100
23. Awards / Recognitions received by faculty and students

Faculty : Nil

Students : **Extra-curricular & Co-curricular Achievements**

- Shine Raj, N. Mony of III B. Sc. Computer Science won II Prize in Long Jump -Block Level Sports by Sports Development Authority of Tamil Nadu
- Mr. A. Dinesh of III B. Sc. Computer Science won III Prize in 4*100 mts. running- Block Level Sports by Sports Development Authority of Tamil Nadu
- Our students N.R.Saranya and S.Mary Sheeba were participated in the State Level Technical Symposium on COMFUTECH-'14 on 10.10.2014 in Noorul Islam College of Arts and Science . They won the First Prize for the paper presentation competition.

The details of rank holders are given below:

Year	Rank Holders	
	U. G.	P. G.
2011-2012	-	-
2012-2013	2 (V & XIX Rank)	-
2013-2014	2 (XV & XVII Rank)	-
2014-2015	1(X Rank)	1(III Rank)

24. List of eminent academicians and scientists / visitors to the department
- Mr.A.Sundaramoorthy, Computer Programmer, Sify Technologies Ltd (29.01.2014).
 - Mr.Manikandan, Net work support Engineer at Sify Technologies Ltd (31.01.2014).
 - Mr.Xavier Retin.N, Chief Technology Officer Maxaim Softech Solutions, (01.09.2014).
 - Dr.S.Venkateswari, Assistant Professor, Noorul Islam University, Kumaracoil (26.09.2014).

- Mr.Saravanan, IBM, Bangalore, (04.09.2015).
 - Dr.R.Joseph Manoj, Asso. Prof., Dept. of I.T.,St.Joseph College of Engineering, Chennai-19 (27.01.2016)
 - Dr.A Ferdinand Christofer, Asst. Prof., Dept. of Computer Applications, Noorul Islam University Kumaracoil (27.01.2016).
 - Mr.Albenson J.G., Multimedia Designer, NPR group of institutions Natham, Dindugal (27.01.2016).
25. Seminars/ Conferences / Workshops organized and the source of funding
- Seminar : 3
 - Symposium : 2
 - Workshop : 4
26. Student profile programme/ course-wise: B.Sc. and M.Sc. Computer Science

Year	Applications received	Selected	Enrolled		Pass percentage
			*M	*F	
B.Sc.					
2009-2012	63	48	21	27	100
2010-2013	76	46	13	33	78
2011-2014	64	42	10	32	80
2012-2015	50	47	21	26	77
2013-2016	69	48	16	32	-
M.Sc.					
2013-2015	34	20	5	15	100
2014-2016	26	19	5	14	-

*M - Male *F- female

27. **Diversity of Students**

Name of the course	% of Students from the same state	% of Students from other states	% of Students from abroad
B.Sc. Computer Science	100	-	-
M.Sc. Computer Science	100	-	-

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defence services, etc.? : Nil

29. Student progression

B.Sc. Computer Science

Year	No. of Students Appeared	No. of Passed	No. of Students			
			U. G to P. G	U. G to B. Ed	Employed	Other
2010-2011	43	36	25	3	6	2
2011-2012	44	44	21	7	6	10
2012-2013	41	32	5	16	-	11
2013-2014	40	32	25	7	-	-
2014-2015	43	33	16	3	2	12

M.Sc. Computer Science

Year	No. of Students Appeared	No. of Passed	No. of Students				
			P.G. to B.Ed.	P. G to M. Phil	P. G to Ph. D	Employed	Other
2013-2014	-	-	-	-	-	-	-
2014-2015	19	19	-	2	-	4	13

30. Details of Infrastructural facilities

a) Library

- The library has a collection of books including the specimen copies. Library Books: 3060

b) Internet facilities for Staff & Students:

- Internet facility is provided to the staff members and the students.

c) Class room with ICT facility : Nil

d) Laboratories : Well equipped U.G. and P.G. Laboratories

31. Number of students receiving financial assistance from college, university, Government or other agencies

Type of Scholarship	2011-2012		2012-2013		2013-2014		2014-2015	
	U.G.	P.G.	U.G.	P.G.	U.G.	P.G.	U.G.	P.G.
Institutional Scholarship								
Student Welfare Fund	-	-	-	-	1	-	1	-
Friends of Kottar	17	4	13	5	12	4	8	6
Government Scholarship								
SC / ST Scholarship	-	-	2	1	-	-	6	-
Postmatric Scholarship	20	3	16	3	22	7	20	16
Farmers' Social Security Scheme Scholarship	2	2	-	-	-	-	-	-

Tamilnadu Educational Trust Scholarship	-	1	-	1	-	-	-	2

32. Details on student enrichment Programmes (special lectures/ workshops/ Seminar) with external experts

- Workshop was conducted on the topic Image Processing by Mr. Isak Newton, Data Infotech, Marthandam on 06.07.2010.
- Inter Departmental Quiz was conducted on 21.01.2013. Mrs. Immaculate Shyla organized the programme.
- Workshop on .NET by Mr.A.Sundaramoorthy, Computer Programmer on 29.01.2014.
- Hardware Workshop was conducted on 31.01.2014. Mr.Manikandan, Net work support Engineer at Sify Technologies Ltd was the resource person.
- A special lecture was given by Mr. N. Xavier Retin, Chief Technology Officer Maxaim Softech Solutions on Introduction to Java Enterprise Systems on 01.09.2014.
- Workshop on “Database Management System” on 26.09.2014
- Symposium was conducted on TechX14 on 26.09.2014.
- Data Mining Dr.S.Venkateswari, Assistant Professor, Noorul Islam University, Kumaracoil – 629180 on 26.09.2014.
- Seminar on “JAVA J2EE” on 09.07.2015.
- Seminar on “Office Automation” on 09.07.2015.
- Seminar on Technologies and Job Opportunities Mr. Saravanan Rajayyan, Programmer, IBM, Bangalore on 4.09.2015.
- State Level Technical Symposium on “Kaninifest 2016” on 27th & 28th Jan. 2016.
- Big Data Analytics, Dr.R.Joseph Manoj, Asso. Prof. Dept. of I.T.,St.Joseph College of Engineering Chennai -19 on 27.01.2016.
- 4G Mobile Networks, Dr.A.Ferdinand Christopher, Asst.Prof. Dept. of Computer Applications, Noorul Islam University, Kumaracoil on 27.01.2016.
- Techniques in Photoshop Mr. Albenson, J.G. Multimedia designer, NPR Group of Institutions, Natham, Dindugal-01 on 28.01.2016

33. Teaching Methods adopted to improve student learning

Besides the usual lecture method, seminars, group discussions, assignment writing, paper presentations and power point presentations are also adopted.

34. Participation in Institutional Social Responsibility (ISR) and Extension activities

- Our department conducted Computer Literacy program for 6th to 8th standard students from 09.02.2015 to 13.02.2015 at St. Mary's Middle School, Tholayavattam.
- An Extension program was organized by our department on 22.08.2015 at Jeevan Jothi old age home, gift articles were given, entertainment programs were given by our Department students.
- Our department conducted Computer Literacy program for 6th to 9th standard students on 05.02.2016 at St. Antony's High School, Mullanganavilai.

35. SWOC analysis of the department and Future plans

STRENGTHS

- Experienced and qualified teaching staff and experienced non-teaching staff.
- Among Ten staff members two are doing Ph.D.
- Cooperation among staff members in all the departmental activities.
- Well equipped separate lab facilities for UG and PG with internet(4Mbps) facility
- A good library with a number of books and journals for PG.
- Full strength in all the classes.
- Every year our students are getting University ranks.
- Disciplined students. No disciplinary action was taken in our department so far.
- Most of the theory classes are conducted by demonstrative method and ICT oriented teaching.
- Good opportunity for the students to carry out their UG and PG course in same institution.
- Every year more exposure is given to the students by Awareness programmes, seminars, Industrial visit and Educational tour.

WEAKNESSES

- Language Barrier
- First generation graduates
- Poor economic background of students

OPPORTUNITIES

- Dedicated staff.
- Involvement of Alumni.
- Financial assistance to poor students by Friends of Kottar and Student Welfare Fund.
- Providing value added courses to the students.
- Special coaching and remedial class to weak students.
- Association Meetings to exhibit their talents.
- National level symposium to get wide knowledge from subject experts.

- Industrial visits to acquire technical knowledge.
- Awareness programmes.
- Encouraging students to participate and present papers in seminars, symposium and workshops.

THREATS

- Staff migration.
- Lack of interest among students to study inspite of repeated motivation.
- Poor input.

DEPARTMENT OF BIO-TECHNOLOGY

1. Name of the department : BIOTECHNOLOGY
2. Year of Establishment : U.G. - 2006
P.G. - 2008
3. Names of programmes / Courses offered (U.G., P.G., M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.)
 - U.G. : B.Sc. Bio- Technology
 - P.G. : M.Sc. Bio – Technology
4. Names of Interdisciplinary courses and the departments / units involved : Nil
5. Annual / semester / choice based credit System (Programme wise)
 - B. Sc. Bio-Technology : Choice Based Credit System
 - M. Sc. Bio-Technology : Choice Based Credit System
6. Participation of the department in the courses offered by other departments : Yes, Non major (Zoology)
7. Courses in collaboration with other universities, industries, foreign institutions, etc. : Nil
8. Details of courses / programmes discontinued (if any) with reasons : Nil
9. Number of Teaching posts (2015 - 2016)

Designation	Sanctioned	Filled
Assistant Professors	5	5

10. Faculty profile with name, qualification, designation, specialization (D.Sc./ D.Litt./ Ph.D./ M.Phil. etc.,) as on 31.03.2016

Name	Qualification	Designation	Specialization	Number of years of experience
Dr.T.Suresh	M.Sc., M. Phil., Ph. D	Assistant Professor	Molecular Biology	8 Years & 9 Months
Mrs. T. Maria Janet	M.Sc., M.Phil., B.Ed.	Assistant Professor	Microbiology	8 Years & 9 Months
Mrs. A.L.Hema Latha	M.Sc., M.Phil.	Assistant Professor	Bioprocess Technology	7 Years & 9 Months
Dr. J. M Sasi Premila	M.Sc., M. Phil., Ph. D.	Assistant Professor & Head	Enzyme Biotechnology, Proteomics and Genomics	6 Years & 9 Months
Mrs. G.Prabha	M.Sc., M.Phil. B.Ed.	Assistant Professor	Stem cell Technology	3 Years & 9 Months

11. List of senior visiting faculty : Nil
12. Percentage of lectures delivered and practical class handled (Programme wise) by temporary faculty : Nil
13. Student-Teacher Ratio (Programme wise) : U.G. - 28:1
P.G. - 8:1
14. Number of academic support staff (technical) and administrative staff; Sanctioned and filled academic support staff (technical) : Sanctioned : U.G.: 1, P.G.: 1
Filled: U.G. and P.G.: 1
15. Qualification of teaching faculty with D.Sc / D.Litt / Ph.D / M.Phil / P.G. : M.Phil.-3
Ph.D. -2
16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received : Nil
17. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received : Nil
18. Research Centre / facility recognized by the University : Nil
19. Publications : Yes

➤ **Publication per faculty**

Sl.No.	Name of the staff	No. of Publications		
		ISBN No.	ISSN No.	Total
1.	Dr. T. Suresh	-	1	1
2.	Mrs. A. L. Hema Latha	-	2	2
3.	Dr. J. M. Sasi Premila	-	4	4
4.	Mrs. G. Prabha	-	1	1

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

Sl.No.	Name of the Staff	Publications		Sequence in Databases
		National	International	
1.	Dr.T.Suresh	1	-	-
2.	Mrs.A.L.Hemalatha	-	2	-
3.	Dr.J.M.Sasi Premila	2	2	4
4.	Mrs.G.Prabha	-	1	-

➤ **Number of publications listed in International Database (for example: Web of Science, Scopus, Humanities International Complete, Dare Database – International Social Sciences Directory, EBSCO host, etc.,)**

Name of the Staff	Number of Publications	Name of the Journal	International Database
Mrs.A.L.Hemalatha	2	journal of basic and applied biology	Bioresearch

Dr.J.M. Sasi Premila	2	Journal of Computational Methods in Molecular Design, International journal of pharmacy and pharmaceutical sciences	Scholars Research Library, IJPPS journal.
Mrs.G.Prabha	1	Journal of basic and applied biology	Bioresearch

➤ **Monographs** : Nil

➤ **Chapter in Books** : Nil

➤ **Books Edited**

1. Dr T. Suresh is one of the editors of CYBA series –II. Name of the book “Emerging Trends in Drug Discovery from Natural products”.

➤ **Journals with ISBN numbers with details of publishers**

Name of the Staff	ISBN Number	Details of Publications
Dr T. Suresh	978-93-80819-05-1	Hari Crish Publication

➤ **Journals with ISSN numbers with details of publishers**

Sl.No.	Name	ISSN Number	Details of Publications
1.	Dr T. Suresh	0972-9720	In vitro antibacterial potential of choosen entophytic fungai isolated from tomato plant roots, “Journal of Theoretical and Experimental Biology (2014) 26-31”
2.	Mrs.A.L.Hemalatha	0973-8207	Screening and optimization of laccase enzyme in selected microbes “Journal of basic and applied biologyVol.8 (2014) 26-35”
3.	Mrs.A.L.Hemalatha	0973-8207	Isolation and characterization of bio active protein producing Pseudomonas species and Vibrio species from marine sponge Suberites ficus and its toxicological studies “Journal of basic and applied biologyVol.7 (2013) 75-82”
4.	Dr.J.M.Sasi Premila	2250-20141	Optimization of alpha amylase production by newly isolated Bacillus stearrowthermophilus KDP from sago industry waste “International journal of Bio Research Vol.16 (2013) 17-21”

5.	Dr.J.M.Sasi Premila	0975-1491	Antioxidant and anti candidal activity studies on phyllanthin compound from Phyllanthus niruri “International journal of pharmacy and pharmaceutical sciences Vol.6 (2014) 323-326”
6.	Dr.J.M.Sasi Premila	2231-3176	Accurate prediction of breast cancer gene BRCA1 domain ligands with potential drugs via homology 339odelling “Journal of computational methods and molecular design Vol.1(3) (2011) 1-10”
7.	Dr.J.M.Sasi Premila	0972-9720	Optimization of α -amylase Production by Bacillus subtilis Kdp Isolated from Sago Industry Waste, Journal of Theoretical and Experimental Biology, 9 (3 and 4): 97-103, 2013
8.	Mrs.G.Prabha	0973-8207	Genetic diversity analysis in five cassia species using RAPD markers “Journal basic and applied biology vol. 1,2 (2010) 160-167”

➤ **Citation Index** : Nil

➤ **SNIP** : Nil

➤ **SJR**

Name of the Staff	Name of the Journal	SJR
Dr. J. M. Sasi Premila	International journal of pharmacy and pharmaceutical sciences	0.3

➤ **Impact Factor** : Nil

➤ **h-index** : Nil

20. Areas of consultancy and income generated : Faculty belonging to the Department of Bio Technology act as Member of Board of Studies of Manonmaniam Sundaranar University.
21. Faculty as members in a) National Committees
b) International Committees c) Editorial Boards. : Nil
22. Student Projects
a) Percentage of students who have done in- house projects including inter departmental/ programme : 100
b) Percentage of students placed for projects in organizations outside the Institution i.e.in Research laboratories / Industry / other agencies : Nil
23. Awards / Recognitions received by faculty and students

Faculty

- **Research awards received by the faculty**

Dr.J.M.Sasi Premila and Dr.T.Suresh has been awarded with Ph.D degree in this year (2015).

Students**Awards Received in Seminar / Conference by Students**

Name	Seminar/Symposium	Event	Awards
2011-2012			
R. V. Remya of II M. Sc. Biotechnology	Malankara Catholic College, Mariagiri	Paper Presentation	I Prize
2013-2014			
R. L. Suganya of I M. Sc. Bio Technology	Bio Quest 2014 by NI College, Kumarcil.	Essay Writing	II prize
R. L. Suganya of I M. Sc. Bio Technology	Regional Meet 2014 at Malankara Catholic College, Mariagiri (Department of Micro Biology)	Essay Writing	II prize
S. Jaya Priya & S.Subashini of II M.Sc. Bio Technology	-	Paper Presentation	Best Paper Award
D. Anisha of I M.Sc. Bio Technology	Regional Meet 2014 at Malankara Catholic College, Mariagiri (Department of Micro Biology)	Essay Writing	III prize
G. Subitha Kumari & Leo Jebansily of I M. Sc. Bio Technology	Bio Quest 2014 by NI College, Kumarcil.	Poster Presentation	III prize
G. Subitha Kumari of I M.Sc. Bio Technology	Regional Meet 2014 at Malankara Catholic College, Mariagiri (Department of Micro Biology)	Poster Presentation	I prize
R. L. Suganya	Regional Meet 2014 at Malankara Catholic College, Mariagiri (Department of Micro Biology)	Poster Presentation	II prize

Jeyapriya of II M.Sc Biotechnology	National seminar on Drug & its impacts- Lekshmipuram College of Arts and Science	Paper Presentation	I Prize
Subasini of II M. Sc Biotechnology	National seminar on Drug & its impacts- Lekshmipuram College of Arts and Science, Neyoor	Paper Presentation	II Prize
Gayathri of I M. Sc Biotechnology	Malankara Catholic College of arts & science	Poster Presentation	III Prize
Vinisha of I M. Sc Biotechnology	Malankara Catholic College of arts & science	Poster Presentation	III Prize
Jincy of II M. Sc Biotechnology	Noorul Islam College of Arts and science	Poster Presentation	II Prize
2014-2015			
Suganya of II M. Sc Biotechnology	Noorul Islam College of Arts and science	Poster Presentation	III Prize
Jasmin of II M. Sc Biotechnology	Noorul Islam College of Arts and science	Poster Presentation	III Prize
2015-2016			
P.M.Pradeep of I B.Sc. Biotechnology	Noorul Islam College Of Arts&Science, Kumaracoil	Paper Presentation	III Prize
K.Remya and B.Shalin shamli of II B.Sc. Biotechnology	Noorul Islam College Of Arts&Science, Kumaracoil	Poster Presentation	III Prize
R.Shajin and P.Subin of II M. Sc. Biotechnology	Noorul Islam College Of Arts&Science, Kumaracoil	Art from Waste	I Prize
R.Jayasree and D.Jeslin Fhamy of I M. Sc. Biotechnology	Noorul Islam College Of Arts&Science, Kumaracoil	Art from Waste	III Prize

The details of rank holders are given below:

Year	No. of rank holders	
	U.G.	P.G.
2008-2011	1(I Rank)	-
2011-2013	1(VIII Rank)	1(V Rank)

2012-2014	-	2 (V and VI Rank)
2013-2015	-	1(V Rank)

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

LIST OF INVITEES

Name	Designation	Topic
2009-2010		
Dr.Suthakar	HOD, Dept of Biotechnology, M.S University, Alwarkurichi	Molecular aspects of aging
Dr.John Jothi Prakash	Principal, TDMNS College, Kallikulam	Micropropagation: A Novel method of plant propagation
Dr. T. Jaya Sekher	Environmental Scientist, TNPCB, Tuticorin	Toxicity Evaluation of Atmospheric particles using Biotechnological Assays
Prof.Beschi Antony Rayan	Dept of Plant Biology & Plant Biotechnology St.Xaviers College (Autonomous), Palayamkottai	Bioinformatics
Dr. A. Palavesam	Reader & Head, CMST,M.S.University Rajakamangalam	Reserch paper presentation
2010-2011		
Dr. K.P. Srinivasakumar	Chief consultant, Reliance clinical Life sciences, Banglore	Biotechnology and Innovations
Dr.V. Siva Ram	Dept of Animal Health Science, AlagappaUniversity, Karikudi	Nanomedicine& its appilication in society
Dr.V. Aldous J Huxley	Asst. Prof &DST young Scientist, Dept of Zoology Thiru Vi Ka Govt. Arts college, Tiruvarur	Drug Development
2013-2014		
Dr. S. Senthil Nathan	Asst.Professor Environmental Toxicology and Biopesticides Lab Department of Environmental Sciences, M.S University	Role of biopesticides on sustainable agriculture and crop protection
Dr.K.P. Srinivasa Kumar	Chief consultant, Reliance Clinical Life Sciences, Banglore.	Overview of discovery and applications of biopharmaceuticles in health care sector

Dr.V. Salom GanaThanga	Head, Department of Environmental Sciences, Kerala University	Biodiversity
Dr.S.K.Sundar	Asst.Professor Department of Microbiology, Mannarkudi college.	Rise of Antibiotic resistance and emergence of probiotics
Dr.K. Sahayaraj	Dean of sciences St.Xavier's College (Autonomous) Palayamkottai	Bio-nanomaterials
Dr.N. Mabel starlin	Asst. Professor Department of Botany N.M.C College Marthandam	Biodiversity and conservation- A Biotechnological Perspective
D. Manikandaraja	SRF, ICAR – NAIP, Centre for Aquaculture Research and Extension, St. Xavier's College (Autonomous) Palayamkottai	Aquaculture techniques for seed production and growout culture of Murrels
2014-2015		
Dr.S.Sudhakar	Head, Department of Biotechnology, Manonmaniam Sundaranar University, Tirunelveli.	The function of Riboflavin in stem cell proliferation and regeneration
Dr.A.EgbertSelvin Rose	Asst. Prof. Department of Botany, St.Joseph's College(Autonomous), Trichi	VAM Fungal Diversity causes and effects
Dr.Samuel GnanaPrakash Vincent	Associate professor, International Centre for Nano Biotechnology (ICN), Manonmaniam Sundaranar University,Rajakkamangalam , Kanyakumari District.	Novel insights on drug discovery from plants.
2015 -2016		
Dr.SrinivasaKumar MD(com.Med),Ph. D, FCP, MASBMB	Chief Scientific Officer- Inbiotics, Head- Clinical Operations, Institute of Biotechnology and Clinical Research, Trivandrum.	Emerging advancement and opportunities in Biotechnology.
Dr.Merlin Franco	Assistant professor in Environmental studies, Institute of Asian Studies, University Brunei Darussalam, Negara Brunei Darussalam.	Moving some biodiversity to bicultural diversity.
Dr.M.Jayalakshmi	Department of Immunology, School of Biological science, Madurai Kamaraj University.	Recombinant vaccine: Battle against HBV

25. Seminars/ Conferences / Workshops organized and the source of funding
 a) National Seminars : 2
 b) National Conference : 1
 c) National Symposium : 2

26. Student profile programme / coursewise: B.Sc., M.Sc. Biotechnology

Year	Applications received	Selected	Enrolled		Pass percentage
			*M	*F	
B.Sc.					
2009-2012	23	13	4	9	92
2010-2013	16	6	-	6	100
2011-2014	17	12	3	9	100
2012-2015	21	9	4	5	56
M. Sc.					
2010-2012	19	12	-	12	100
2011-2013	30	20	-	20	95
2012-2014	23	20	3	17	100
2013-2015	18	15	3	12	87
2014-2016	21	16	4	12	-

*M - Male *F- female

27. Diversity of Students

Name of the course	% of Students from the same state	% of Students from other states	% of Students from abroad
B.Sc. Biotechnology	100	-	-
M.Sc. Biotechnology	100	-	-

28. How many students have cleared national and State competitive examinations such as NET, SLET, GATE, Civil services, Defence services, etc.? : Nil

29. Student progression : **B.Sc. Bio Technology**

Year	No. of Students Appeared	No. of Passed	No. of Students			
			U. G to P. G	U. G to B. Ed	Employed	Other
2010-2011	24	22	6	-	-	16
2011-2012	12	11	10	-	-	1
2012-2013	6	6	4	1	-	1
2013-2014	13	13	12	-	-	1
2014-2015	9	5	5	-	-	-

M.Sc. Bio Technology

Year	No. of Students Appeared	No. of Passed	No. of Students				
			P.G. to B.Ed.	P. G to M. Phil.	P. G to Ph. D	Employed	Other
2010-2011	23	21	2	-	-	11	8
2011-2012	12	12	1	1	-	5	5
2012-2013	20	19	-	6	-	2	11
2013-2014	20	13	2	2	-	5	4
2014-2015	15	13	1	-	-	10	2

30. Details of Infrastructural facilities

a) Library

The library has a collection of 185 books including the specimen copies and the books. U.G Library :100 and P.G Library : 85.

b) Internet facilities for Staff & Students:

Internet facility is available at the library, computer center and at the departments.

c) Class room with ICT facility : Nil

d) Laboratories : Well equipped U.G. and P.G. Laboratories.

31. Number of students receiving financial assistance from college, university, Government or other agencies

Type of Scholarship	2011-2012		2012-2013		2013-2014		2014-2015	
	U.G.	P.G.	U.G.	P.G.	U.G.	P.G.	U.G.	P.G.
Institutional Scholarship								
Student Welfare Fund	-	-	1	-	1	1	-	-
Friends of Kottar	-	17	-	15	2	7	2	7
Government Scholarship								
SC / ST Scholarship	-	-	-	-	-	1	1	-
Postmatric Scholarship	-	7	-	4	1	13	7	7
Farmers' Social Security Scheme Scholarship	1	-	-	-	-	-	-	-
Tamilnadu Educational Trust Scholarship	-	1	-	1	-	-	-	2

32. Details on student enrichment Programmes (Special Lectures / Workshops/ Seminar) with external experts

Institutional mechanism for attracting eminent researchers

Our departments took efforts in promoting research by inviting the following scientists to visit the campus and interact with teachers and students.

- National Symposium on 'Biotechnology for Sustainable Community Livelihood' BSCL 2014 on 23rd and 24th Jan 2014.
 - National Symposium was organized on 'Biotechnology for sustainable Bio-diversity' on 12.09.2014.
 - National Conference was organized on 'Bio-Technology for Sustainable Development (BSD-2016)' 11th & 12th Feb. 2016.
 - Dr.S.Sudhakar, Head, Department of Biotechnology, manonmaniam Sundaranar University, Tirunelveli delivered a lecture on 'The function of Riboflavin in stem cell proliferation and regeneration'.
 - Dr.K.P. Srinivasa Kumar, Chief consultant, Reliance Clinical Life Sciences, Bangalore, delivered a talk on Overview of discovery and applications of biopharmaceutics in health care sector.
 - Dr.V. Siva Ram, Dept of Animal Health Science, AlagappaUniversity, Karaikudi delivered a talk on Nanomedicine& its appilication in society.
 - Dr. T. Jaya Sekher, Environmental Scientist, TNPCB, Tuticorin gave a lecture on Toxicity Evaluation of Atmospheric particles using Biotechnological Assays.
 - Dr.John Jothi Prakash, Principal, TDMNS College, Kallikulam delivered a talk on Micropropagation: A Novel method of plant propagation
33. Teaching Methods adopted to improve student learning
Besides the usual lecture method, seminars, group discussions, assignment writing, paper presentations and power point presentations are adopted.
34. Participation in Institutional Social Responsibility (ISR) and Extension activities
- Our department students and staff visited Anbagam Home for aged people on 23.12.2014 to celebrate the Christmas and contributed them lunch and dinner.
 - Plastic awareness programme was organized in Kamblar village on 13.02.2015.
 - As a part of Extension activity four of our PG students went to St. Mary's Middle School, Tholayavattam on 11.03.2015 to the teach science subject to school students.
 - Plastic awareness programme was organized in Pullani village on 13.08.2015.
 - Our department students and staff visited Anbagam Home for aged people on 21.12.2015 to celebrate the Christmas and contributed them lunch and dinner.

- As a part of Extension activity four of our PG students went to St. Antony's High School, Mullanganavilai on 09.02.2016 to teach the science subject to school students.
- Plastic awareness programme was organized in Madhapuram village on 15.02.2016.

35. SWOC analysis of the department and Future plans

Strengths

- Distinctions and ranks at University Examinations.
- Organisation of a successful National Symposium for the last 3 years.
- Industrial Visits to Institutions of academic excellence and Industries of Biotechnology.
- One of the in-demand subjects in Science.
- Staff, non teaching staff and students

Weaknesses

- Lack of awareness about the subject among the public since the college is in a rural area.
- Decreasing interest among youngsters for research and science.
- Shrinking of opportunities in the area of Biological Sciences.

Opportunities

- International and National collaborations will improve research standards and opportunities to students.
- Research skills and aptitude of faculties and students will further improve the quality of teaching and research.
- Collaboration with other research institutes or industries for project work in academic areas.
- Opportunities for the students to take up subject related works in National and International Institutes.

Challenges

- Competition from other colleges offering Biotechnology as an undergraduate and postgraduate subject.
- Lack of better equipped laboratory.
- To make the students motivated and ambitious.
- To make the students choose challenging titles for the projects.

Future Plan

- The department intends to extend its horizon by undertaking research projects
- Holding International Conference on Biotechnology.
- Creation of awareness among the public.
- Masters' students to carry out their research work at the adjunct of academia-industry.

DEPARTMENT OF ZOOLOGY

1. Name of the Department : ZOOLOGY
2. Year of Establishment : 2013
3. Name of Programmers / Course offered (U.G., P.G., M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc):U.G. : B.Sc.Zoology
4. Name of Interdisciplinary Courses and the departments/units involved : Nil
5. Annual/semester/choice based credit System (Program wise)
➤ B.Sc. Zoology : Choice Based Credit System
6. Participation of the department in the courses offered by other department : Nil
7. Courses in collaboration with other universities, industries, foreign institutions, etc. : Nil
8. Details of courses/program discontinued (if any) with reasons : Yes. B.Sc. Zoology course discontinued for one year (2014-2015)
9. Number of Teaching Posts (2015-2016)

Designation	Sanctioned	Filled
Assistant Professors	3	3
10. Faculty profile with name, qualification, designation, specialization (D.Sc./ D.Litt./ Ph.D / M.Phil., etc.,) as on 31.03.2016

Name	Qualification	Designation	Specialization	No. of Years of Experience
Miss.M.Suja	M.Sc., M.Phil., M.Ed	Assistant Professor and Head	Aquatic Biology	19 Years
Dr. S.Jeya	M.Sc., M. Phil., Ph. D.	Assistant Professor	Sericulture	2 Years & 9 Months
Mrs. X. Mary Jecinta	M.Sc., B.Ed., M.Phil., Ph.D	Assistant Professor	Ecology	9 Months

11. List of senior visiting faculty : Nil
12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty : Nil
13. Student – Teacher Ratio (programme wise)
➤ B. Sc. Zoology - 20:1
14. Number of academic support staff (technical) and administrative staff; sanctioned and filled
academic support staff (technical) : Sanctioned : 1
Filled : 1

15. Qualifications of teaching faculty with D.Sc/ D.Lit./
Ph.D / M.Phil / P.G. : Ph.D.-1
M.Phil. -2
16. Number of faculty with ongoing projects from
a) National b) International funding
agencies and grants received. : Nil
16. Department projects funded by DST-FIST; UGC, DBT,
ICSST, etc. and total grants received : Nil
18. Research Centre / facility recognized by the University : Nil
19. Publications

➤ **Publication per faculty**

Sl.No.	Name of the Staff	No. of Publications		
		ISBN No.	ISSN No.	Total
48.	Dr. S. Jeya	1	1	2
49.	Mrs. X. Mary Jecinta	-	1	1

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

Sl.No.	Name of the Staff	Publications		Total
		National	International	
48.	Dr. S.Jeya	1	1	2
49.	Mrs.X.Mary Jecinta	1	-	1

➤ **Number of publications listed in International Database (for example: Web of Science, Scopus, Humanities International Complete, Dare Database – International Social Sciences Directory, EBSCO host, etc.,)** : Nil

➤ **Monographs** : Nil

➤ **Chapter in Books** : Nil

➤ **Books Edited** : Nil

➤ **Journals with ISBN numbers with details of publishers**

Name of the Staff	ISBN Number	Details of Publications
Dr. S. Jeya	978-81-981482-0-5	Proceeding of the International Conference on 'Insect Pest Management – A Current Scenario', St. Xavier's College (Autonomous), Palayamkottai

➤ **Journals with ISSN numbers with details of publishers**

Name of the Staff	ISSN Number	Details of Publications
Dr.S.Jeya	0973-8207	Studies on the repellence of 3 Plant extract to Tribolium Castaneum HERBST “Basic and Applied Biology Vol.5 (2011) 315-19”
Mrs.X.Mary Jecinta	2349-6886	Vermicomposting of Paddy straw and its performance evaluation, TELER (Teacher, Learner and Researcher), Vol II, Issue 1, Dec 2011, pp73-76.

- **Citation Index** : Nil
 ➤ **SNIP** : Nil
 ➤ **SJR**

Name of the Staff	Name of the Journal	SJR
Mrs. X. Mary Jecinta	Journal of Molecular Structure	0.41

➤ **Impact Factor**

Name of the Staff	Name of the Journal	Impact factor				
		2011	2012	2013	2014	2015
Mrs. X. Mary Jacinta	Journal of Molecular Structure	1.634	1.404	1.599	1.602	1.602

- **h-index** : Nil
20. Areas of consultancy and income generated : Consultancy on maintaining Home Aquarium by Department of Zoology.
 21. Faculty as members in a) National Committees
b) International Committees c) Editorial board : Nil
 22. Student Projects
a) Percentage of students who have done in-house projects including inter departmental/ programme : Nil
b) Percentage of students placed for projects in organizations outside the institution i.e. in research laboratories / industry / other agencies : Nil
 23. Awards / Recognitions received by faculty and Students
Faculty : Nil
Students : **Extra-curricular & Co-curricular Achievements**

Name of the student	Institution	Events	Achievement/ participation
2014-2015			
A. Aswini, D.I.Aswini,Anusha Suji, R.Janalet Raj of II B. Sc. Zoology	N I College , Kumaracoil	Cultural Competition Art from waste and poster presentation	III Prize
R. Janalet Raj of II B. Sc. Zoology	Malankara Catholic college, Mariagiri	Cultural Competition Art from waste and poster presentation	III Prize
R. Janalet Raj and Anusha of II B. Sc. Zoology	Sadakathulla Appa college, Tirunelveli	Cultural Competition Art from waste and poster presentation	III Prize

24. List of eminent academicians and scientists / visitors to the department
- Dr. S. Kirubha, Assistant Professor, Department of Zoology, Vivekanandha College of Arts & Science, Namakkal on 21.08.2015.
 - Dr. K. Sahaya Raj, Associate Professor in Zoology, St. Xavier's College (Autonomous), Palayamkottai on 18.09.2015
 - Dr. S. Sam Manohar Dhas, Emeritus Professor & Rtd. Associate Professor in Zoology, Scott Christian College (Autonomous), Nagercoil on 18.09.2015
25. Seminars / conferences / Workshops organized & the sources of funding
- a) State Level Seminar : 1
- b) Workshop : 1
26. Students profile programme / course-wise: B.Sc. Zoology

Year	Applications received	Admitted	Enrolled		Pass percentage
			*M	*F	
2013-2014	51	26	2	24	-
2015-2016	42	31	-	31	-

*M – Male

*F – Female

27. Diversity of students

Year	Name of the Course	% of students from the same state	% of students from other states	% of students from abroad
2013-2016	B.Sc. Zoology	96	4	-
2016-2019	B.Sc. Zoology	100	-	-

28. How many students have cleared national and State competitive examinations such as NET, SLET,

GATE, Civil Services, Defence services, etc? : Nil

29. Students progression : Nil

30. Details of Infrastructural facilities

a) Library

The library has a collection of 56 books including the specimen copies.

b) Internet facilities for Staff & Students : Wi-fi connection in the Computer Lab

c) Classrooms with ICT facility

LCD Projector is used for handling classes.

d) Laboratories

The department is provided with spacious laboratory with a lot of specimens.

31. Number of students receiving financial assistance from college, university, government or other agencies.

Types of Scholarship	2013-2014	2014- 2015
Institutional Scholarship		
Friends of Kottar	1	3
Government Scholarship		
Postmatric Scholarship	1	5

32. Details on student enrichment programmes (special lectures/ workshops/ seminar) with external experts.

- On 10.10.2014 a Workshop on 'Construction of Aquarium tank' was organized.
- On 21.08.2015 Career Guidance Programme entitled 'Career opportunities for life science students' by Dr. S. Kirubha, Assistant Professor, Department of Zoology, Vivekanandha College of Arts & Science, Namakkal.
- On 18.09.2015 a State Level Seminar on 'Applied Zoology' was organized.

33. Teaching methods adopted to improve student learning

In order to have an interactive and innovative teaching, LCD projector is used. Moreover, Models, Charts, and Specimens are also used.

34. Participation in Institutional Social Responsibility (ISR) and Extension activities

The following extension activities are done:

- Students visited an Old Age Home ‘Anbagam’ at Munchirai on 23.12.2014.
- Plastic Awareness Programme was conducted on Feb 2014 along with Biotech Dept.
- Dengue Awareness Programme was conducted on 14.12.2015.
- Cancer Awareness Programme was conducted on 04.02.2016.
- An old age home a Sahaya Nagar was visited on 17.12.2015.
- Our department students conducted classes for the school students at St. Antony’s High School, Mullanganavilai on 15.02.2016.

35. SWOC analysis of the department and Future plans.

Strength

1. Rural students get benefitted.
2. Co operation among the staff members.

Weakness

1. Lack of P.G. Course
2. Lack of laboratory equipment facilities.

Opportunities

1. Students can get their jobs in teaching.
2. Opportunity research programmes.

Challenges

1. Emerging of new colleges in the surrounding areas.

DEPARTMENT OF COMMERCE

1. Name of the department : COMMERCE
2. Year of Establishment : U. G: 1987
P. G: 2007
M. Phil: 2013
3. Names of Programmes/ Courses offered (U.G., P.G., M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc)
 - U.G : B.Com.
 - P.G : M.Com.
 - M. Phil. Commerce
4. Names of Interdisciplinary courses and the departments/ units involved : Nil
5. Annual/ semester/choice based credit system (programme wise)
 - B. Com. : Choice Based Credit System
 - M. Com. : Choice Based Credit System
 - M. Phil. Commerce : Choice Based Credit System
6. Participation of the department in the courses offered by the departments : Nil
7. Courses in collaboration with other universities, industries, foreign institutions, etc. : Nil
8. Details of courses/ programmes discontinued (if any) with reasons : Nil
9. Number of Teaching posts (2015-2016)

Designation	Filled
Professor	1
Assistant Professor	8
Any other (Part-time Lawyer)	1

10. Faculty profile with name, qualification, specialization (D. SC./ D. Litt/ Ph. D./ M.Phil. etc.,) as on 31.03.2016

Name of the Faculty	Qualification	Designation	Specialization	No. of Years of experience	No. of M. Phil students guided for the last 4 years	No. of Ph.D. students guided for the last 4 years
Dr. S. Maria John	M. Com., B.Ed., PGDCA, MBA, Ph. D.	Principal	Marketing	22 Years and 6 Months	15	10
Mr.K.Varghese	M.Com.,B.Ed. , M.Phil	Assistant Professor	Cost Accounting	9 years and 4 months	2	
Dr.M. Josephin Rani	M.Com., M.Phil., Ph.D., MBA	Assistant Professor and Head	Accountancy	8 years and 9 months	4	

Mr. M.S. Clement Prema Kumar	B.Sc., B.L	Part-time Lawyer	Law	7 years and 2 months	-	
Dr.G.Jerin Rose	M.Com., M.Phil., Ph.D.	Assistant Professor	Income Tax	2 years and 9 months	2	
Dr. G.Sujin	M.Com., MBA, M.Phil., Ph.D.	Assistant Professor	E-Commerce, Marketing	2 years & 3 months	2	
Mr.T.Vijaya Kumar	M.Com., M.Sc.(Psy)., B.Ed., M.Phil, SLET	Assistant Professor	Accountancy	7 years & 9 months	1	
Mrs. J. M. Viji	M.Com., M.Ed., M.Phil, M. Phil.,	Assistant Professor	Banking	9 months	-	
Mr. J. Algin Jose	M.Com., M.Phil.,	Assistant Professor	Costing, Quantitative Techniques	9 months	-	
Mrs. K. Ajitha	M.Com., B.Ed., M.Phil, PGDCA.,	Assistant Professor	Management Accounting, Statistics	8 months	1	

11. List of senior visiting faculty : Nil
12. Percentage of lectures delivered and practical classes handled (Programme wise) by temporary faculty : Nil
13. Student-Teacher Ratio (programme wise)
 - B.Com. - 44:1
 - M.Com. - 12:1
 - M. Phil. - 8:1
14. Number of academic support staff (technical) and administrative staff; sanctioned and filled : Nil
15. Qualifications of teaching faculty with D.Sc./ D.Litt./ Ph.D./ M.Phil./P.G. : Ph.D. - 3
M.Phil.- 6
Other - 1
16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received : Nil
17. Departmental projects funded by DST-FIST, UGC, DBT, ICSSR, etc and total grants received : Nil
18. Research Center/ faculty recognized by the University : Nil
19. Publications

➤ **Publication per faculty**

Sl.No.	Name of the Staff	No. of Publications		
		ISBN No.	ISSN No.	Total
1.	Dr. Janet Y. Selviya (till 2014-2015)	2	-	2
2.	Dr. J. Stephen Davis (till 2014-2015)	-	3	3
3.	Dr. M. Josphine Rani	1	-	1
4.	Dr. G. Jerin Rose	-	1	1
5.	Dr. G. Sujin	6	2	8
6.	Mr. J. Algin Jose	2	-	2

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

Sl.No.	Name of the Staff	Publications		Total
		National	International	
1.	Dr. Janet Y. Selviya (till 2014)	2	-	2
2.	Dr. J. Stephen Davis (till 2014)	2	1	3
3.	Dr. M. Josephin Rani	1	-	1
4.	Dr. G. Jerin Rose	1	-	1
5.	Dr. G. Sujin	5	3	8
6.	Mr. J. Algin Jose	2	-	2

➤ **Number of publications listed in International Database (for example: Web of Science, Scopus, Humanities International Complete, Dare Database – International Social Sciences Directory, EBSCO host, etc.,)**

Name of the Staff	Number of Publications	Name of the Journal	International Database
Dr. J. Stephen Davis (till 2014-2015)	1	The Journal of Agriculture	Kisan World

- **Monographs** : Nil
- **Chapter in Books** : Nil
- **Books Edited** : Nil

➤ **Journals with ISBN numbers with details of publishers**

Sl. No.	Name of the Staff	ISBN Number	Details of Publications
1.	Dr.M.Jospin Rani	978-93-81-208-11-3	G. K. Publisher (DAKSHIN), Chennai Hindustan College of Arts & Science, Chennai
2.	Mr. J.Algin Jose	978-93-85477-69-0	Proceedings of the National Conference on Role of Commerce in Inclusive Growth and Sustainable Development of India
3.	Mr. J.Algin Jose	978-93-84734-04-6	B-DIGEST Publications, Nagercoil
4.	Mr.B.Sujin	978-93-82570-67-7	Hikey Media
5.	Mr.B.Sujin	978-93-81992-46-3	Scitech Publications (India) Pvt. Ltd
6.	Mr.B.Sujin	978-81-8371-696-3	Scitech Publications (India) Pvt. Ltd.
7.	Mr.B.Sujin	978-81-925275-1-2	B Club, Chennai
8.	Mr.B.Sujin	978-81-8094-136-8	MJP Publishers
9.	Mr.B.Sujin	978-81-925275-0-5	B Club, Chennai
10.	Dr.Janet Y Selvia	978-81-908498-0-7	Shils Publishers
11.	Dr.Janet Y Selvia	978-81-90-8498-1-4	Shils Publishers
12.	Dr.J.Stephen Davis	978-81-908792-5-5	Evans Printers and Publishers.

➤ **Journals with ISSN numbers with details of publishers**

Sl.No.	Name	ISSN Number	Details of Publications
1.	Dr. G. Jerin Rose	2249-3417	Education and Economic Development, LPC Bulletin on Research, Vol. 4, No. 1-July 2013
2.	Dr. G. Sujin	2319-1406	Occupational Stress among Banking Service Professionals, International Journal of Functional Management, Issue-2, Vol. 1, April-June 2013.
3.	Dr. G. Sujin	2394-4692	FDI in India – A Perception Analysis. MASS Bulletin – An International Journal of Management and Social Sciences. Vol. 1, pp.8-12.

- **Citation Index** : Nil
 - **SNIP** : Nil
 - **SJR** : Nil
 - **Impact Factor** : Nil
 - **h-index** : Nil
20. Areas of consultancy and income generated
- Income Tax calculation by the faculty of the Department of Commerce
 - Our faculty member Dr. G. Sujin is the editor of Mass Bulletin-an International Journal of Management and Social Studies.
21. Faculty as members in a) National committees
b) International Committees c) Editorial Boards. : 1
- Dr. G. Sujin act as an editorial board member in MASS Bulletin-an International Journal of Management & Social Sciences
22. Students projects
- a) Percentage of students who have done in-house projects including inter departmental /programme : 100
- b) Percentage of students placed for projects in organizations outside the institution i.e. in Research laboratories/ Industry/ other agencies : Nil
23. Awards/ Recognitions received by faculty and students
- Faculty : Nil
- Students : Extra-curricular & Co-curricular Achievements

Name of the student	Name of the competition	Venue	Prize
2011-2012			
D. Ezil Devan of II B. Com.	-	District Sports Authority, Nagercoil	II Prize
2014-2015			
P. Reshma of II B. Com.	Bharathanattyam	NEMIC FEST '15, Neasomony Memorial Christian College, Marthandam.	III Prize
5 students from III B. Com	Product Launching	Commfest '15, St. Xavier's College (Autonomous), Palayamkottai	I Prize
2015-2016			
T. Justin, T. Albin Raj II & III B. Com	Art from waste	Commfest – 2K16 - St. Xavier's College (Autonomous), Palayamkottai	II Prize

The details of rank holders are given below:

Year	No. of rank holders	
	U.G.	P.G.
2009-2010	-	1 (I Rank)
2010-2011	-	1 (V Rank)
2011-2012	-	2 (III & V Rank)
2012-2013	-	-
2013-2014	-	2 (VII & VIII Rank)
2014-2015	-	-

24. List of eminent academicians and Scientists/visitors to the department
- Dr.Pon Murugan Ph.D., Principal, TDMNS College, Kallikulam. (January 21, 2016).
 - Dr. M. Wilson, Dean, Department of School of Management, Noorul Islam University, Kumarakovil (January 22, 2016).
 - Dr. P. Kingslin, Professor and Head of the Department, School of Management, Noorul Islam University, Kumarakovil (10.09.2015)
 - Dr. Edmund Christopher, Associate Professor, Department of MBA (Finance), Noorul Islam University, Kumarakovil (08.10.2014).
 - Mr. Viyanni & Mr. Suresh, Project Manager, Computer Centre, Marthandam.
 - Mr.Aloysius, Manager, St. Xaviour's Academy, Karungal (29.06.2012)
 - Dr. S. Nakkiran, Professor of Management Studies, Ambo University, Ethiopia, Dr.K. Ravichandran, Professor, Gandhigram University, Dindugal.(21.07.2012)
25. Seminars/ Conferences/ Workshops organized & the source of funding:
- a) Seminar : 1
- b) Workshop : 1
26. Student profile programme/course wise : B.Com, M.Com & M.Phil

Student profile programme/course wise : B.Com, M.Com & M.F in					
Year	Applications Received	Selected	Enrolled		Pass Percentage
			*M	*F	
B.Com					
2009-2012	120	64	43	21	16
2010-2013	90	64	27	37	33
2011-2014	101	64	29	35	33
2012-2015	84	62	35	27	27
2013-2016	83	63	36	27	-
M.Com					
2010-2012	30	23	3	20	73
2011-2013	52	25	8	17	82
2012-2014	40	22	3	19	83

2013-2015	17	13	1	12	58
2014-2016	26	19	7	12	-
M.Phil					
2013-2014	13	10	-	10	70
2014-2015	11	7	1	6	86
2015-2016	10	7	-	7	-

*M- Male *F- Female

27. Diversity of Students

Name of the course	% of students from the same state	% of students from other states	% of students from abroad
B.Com.	100	-	-
M.Com.	100	-	-
M.Phil.	100	-	-

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE , Civil services, Defence service, etc.? : 1

29. Student Progression

Student's Progression – B. Com.

Year	No. of Students	No. of Students passed	No. of Students			
			UG to PG	Employed	Professional Course	Others
2014-2015	49	13	5	2	1	5
2013-2014	51	17	10	1	-	6
2012-2013	49	16	7	4	-	5
2011-2012	57	9	4	4	-	1
2010-2011	60	18	8	9	-	1

Student's Progression – M. Com.

Year	No. of Students	No. of Students passed	No. of Students				
			PG to B. Ed	PG to M.Phil.	PG to Ph. D	Employed	Others
2014-2015	12	7	-	4	-	1	2
2013-2014	23	19	1	2	-	3	13
2012-2013	22	18	2	5	-	9	2
2011-2012	22	16	2	4	-	8	2
2010-2011	21	19	3	3	1	8	4

Student's Progression – M. Phil.

Year	No. of Students	No. of Students passed	No. of Students			
			M. Phil to B. Ed.	M. Phil. to Ph. D	Employed	Others
2014-2015	7	6	-	-	3	3
2013-2014	10	7	-	-	7	-

30. Details of Infrastructural facilities

a) Library

The department has 897 reference books, 237 in the P. G. library and 660 in the U. G. library.

b) Internet facilities for Staff & Students:

Internet facilities are available at the Department, Library and at the Computer Centre.

c) Class rooms with ICT facility : The department has one LCD Projector.

d) Laboratories : Common Computer lab having 30 systems with WiFi facility.

31. Number of students receiving financial assistance from college, university, Government or other agencies

Type of Scholarship	2011-2012			2012-2013			2013-2014			2014-2015		
	U. G.	P. G.	M. Phil.	U. G.	P. G.	M. Phil.	U. G.	P. G.	M. Phil.	U. G.	P. G.	M. Phil.
Institutional Scholarship												
Friends of Kottar	52	3	-	21	-	-	23	10	-	18	4	-
Student Welfare Fund	-	1	-	-	2	-	-	-	-	-	2	-
Government Scholarship												
SC / ST Scholarship	-	-	-	5	-	-	-	-	-	2	4	-
Postmatric Scholarship	16	3	-	9	5	-	14	13	-	21	6	1
Farmers' Social Security Scheme Scholarship	2	-	-	-	-	-	-	-	-	-	-	-

Tamilnadu Educational Trust Scholarship	2	-	-	-	-	-	-	-	-	-	-	-
Beedi Workers Scholarship	4	-	1	-	-	-	-	-	-	-	-	-

32. Details on student enrichment programmes (special lectures/ workshop/ seminar) with external experts

- Industrial visits were arranged to gain practical knowledge.
- Workshop on “Economic Empowerment” on 14.09.2015.
- Dr. P. Kingslin, Professor and Head of the Department, School of Management, Noorul Islam University, Kumarakovil gave a special lecture on ‘Motivation and employability skills’ on 10.09.2015
- Dr. Edmund Christopher, Associate Professor, Department of MBA (Finance), Noorul Islam University, Kumarakovil gave a special lecture on ‘Students Attitudes and Behaviour’ on 08.10.2014.
- Our department conducted a workshop on ‘e-services’ by Mr. Aloysius, Manager, St. Xavier’s Academy, Karungal gave a special lecture on 29.06.2012.

33. Teaching methods adopted to improve student learning

Besides the usual lecture method, seminars, group discussions, guest lectures, quiz competitions and product launching are arranged. Assignments are also given to the students.

34. Participation in Institutional Social Responsibility (ISR) and Extension activities

- On 06.02.2015- Visited Blind School, Irenepuram
- On 23.09.2015 - Karunai Illam, Nithiravilai
- On 20.12.2015 - Bishop Gnanadason Arivu Illam, kotticode.
- Drug awareness programme on 16.09.2015

Extension Activities

The following students conduct classes to the school students on 17.02.2016 at Mullanganavilai St. Antony’s High School, Mullanganavilai.

S. Malini – II M. Com – VI std
A. Anisha - II M. Com – VII std
D. Shyamala Devi - II M. Com – VIII std
M. Ajitha Rani – IX std

35. SWOC analysis of the Department and Future plans

STRENGTH

- Presence of highly motivated, dedicated and research minded faculty members.
- Special attention given to slow learners (retest, special coaching)
- The department upgraded from UG to PG and M.Phil. courses.
- Great demand for the course.

WEAKNESS

- Most of the students are from economically poor background.
- Students' absenteeism.
- Limited ICT enabled teaching.
- Limited career oriented programmes.

OPPORTUNITIES

- Possibility of collaboration with various research bodies and industries to provide practical knowledge to the students.
- Organizing seminars at national and international.
- To achieve academic excellence.

THREATS

- Lack of communication skill.
- Lack of confidence to face competitive exam.
- Lack of interest among students.

DEPARTMENT OF BUSINESS ADMINISTRATION

1. Name of the department : BBA
2. Year of Establishment : 2006
3. Names of programmes / Courses offered (U.G., P.G., M.Phil., Ph.D., Integrated Masters; Integrated Ph.D.,etc.) : U.G.:BBA
4. Names of Interdisciplinary courses and the departments / units involved : Nil
5. Annual / semester / choice based credit System (Programme wise)
 ➤ BBA : Choice Based Credit System
6. Participation of the department in the courses offered by other departments : Second year BBA students are studying a non major subject Consumer awareness offered by Commerce department.
7. Courses in collaboration with other universities, industries, foreign institutions, etc. : Nil
8. Details of courses / programmes discontinued (if any) with reasons : Nil
9. Number of Teaching posts (2015 - 2016)

Designation	Sanctioned	Filled
Associate Professors	1	1
Assistant Professors	4	4

10. Faculty profile with name, qualification, designation, specialization (D.Sc / D.Litt. / Ph.D. / M.Phil. etc.,) as on 31.03.2016

Name	Qualification	Designation	Specialization	No. of years of experience
Mr. B. Joseph Antony	MA, B.Ed.	Associate Professor	Economics	28 years & 8 months
Mr. K. Romias	MA, MBA.	Assistant Professor	Marketing	9 yrs 8months
Miss. M. Thatheya	BSc, B.Ed, MBA.	Assistant Professor	Marketing	7 years & 9 months
Mr. D. Anto Pravin Singh	MBA, M. Phil.	Assistant Professor	Marketing	7 years & 9 months
Mrs. S. Josephin Kala	BCom, MBA.	Assistant Professor	Finance	4 years & 9 months

11. List of senior visiting faculty : Nil
12. Percentage of lectures delivered and practical class handled (Programme wise) by temporary faculty : Nil

13. Student-Teacher Ratio (Programme wise) :U.G.: 29:1
14. Number of academic support staff (technical) and administrative staff;
Sanctioned and filled Academic support staff (technical)
- Sanctioned : Nil
 - Filled : Nil
15. Qualification of teaching faculty with
D.Sc / D.Litt / Ph.D / M.Phil / PG : M.Phil. - 1
P.G. - 4
16. Number of faculty with ongoing projects from
a) National b) International funding agencies
and grants received : Nil
17. Departmental projects funded by DST-FIST; UGC,
DBT, ICSSR, etc. and total grants received : Nil
18. Research Centre / facility recognized by the University : Nil
19. Publications : Nil
20. Areas of consultancy and income generated :Faculty
belonging to the Department of Business Administration acted as
Members of Board of Studies of Autonomous Colleges.
21. Faculty as members in a) National Committees
b) International Committees c) Editorial Boards. : Nil
22. Student Projects
- a) Percentage of students who have done
in- house projects including inter
departmental/ programme : Nil
 - b) Percentage of students placed for projects in
organizations outside the Institution i.e.in
Research laboratories / Industry / other agencies : Nil
23. Awards / Recognitions received by faculty and students

Faculty : Nil

Students : Extra-curricular & Co-curricular Achievement

Name of the student	Name of the competition	Venue	Prize
2011-2012			
Six students from III BBA	Mime	St. John's College of Arts and Science, Ammandivilai	I Prize
2012-2013			
BBA Students	Regional Level Intercollegiate Management Meet	Scott Christian College, Nagercoil	3 Prizes

2013-2014			
A.Lavanya and group	LUMINOUS 2013	Udaya College of Arts and Science, Vellamodi	Championship
BBA Student	Paper Presentation	Zena 2013, Scott Christian College, Nagercoil.	I prize
2015-2016			
III BBA Student	Poetry Writing	Payanam Youth Club	I prize
III BBA Student	Variety Show	Celidia Fest – 2015	II prize
III BBA Student	Variety Show	St. Xavier's College of Engineering, Chunkanakadai	II prize
5 Students from III BBA	Ad-mad	St. Xavier's College of Engineering, Chunkanakadai	I prize
4 Students from III BBA	Management Team	St. John's College of Arts and Science, Ammandivilai	II prize
6 Students from III BBA	Folk Dance	Eco- Fest, Noorul Islam University, Kumaracoil	I prize
5 Students from III BBA	Ad-Zap	Eco- Fest, Noorul Islam University, Kumaracoil	I prize
5 Students from III BBA	New Product Launch	Eco- Fest, Noorul Islam University, Kumaracoil	I prize
III BBA Student	Poster Presentation	IQAC, Holy Trinity College of Education, Attoor	II prize
4 Students from I BBA	Treasure Hun	Nesamony Memorial Christian College, Marthandam	I prize
6 Students from II BBA	Fashion Parade	Yo-Biezz, Noorul Islam University, Kumaracoil	II prize
6 Students from I BBA	Mime	Yo-Biezz, Noorul Islam University, Kumaracoil	I prize

Raja S Leepan, III BBA	Short Film	G. Venkatasamy Naidu College, Kovilpatti	I prize
3 Students from III BBA	Collage	St. Xavier's College of Engineering, Chunkanakadai	I prize
8 Students from II BBA	Fashion Show	Rajas College of Engineering, vadakkankulam	II prize
6 Students from I BBA	New Product Launch	Rajas College of Engineering, vadakkankulam	II prize

The details of rank holders are given below:

Year	No. of rank holders
	U.G.
April 2014	1 (XX Rank)
April 2015	2 (VIII & XIV Rank)

24. List of eminent academicians and scientists / visitors to the department
- Dr. S. John Felix, MBA, Ph. D., Relationship Manager, Al-Arif, Dubai, 08.07.2014.
 - Mr. S. Shibi, BE, MBA, MPhil Proprietor, PPK Group of Companies Marthandam 22.08.2013.
25. Seminars/ Conferences / Workshops organized and the source of funding
- a) Symposia : 3
- b) Seminar : 3
26. Student profile programme / course-wise: BBA

Year	Applications received	Admitted	Enrolled		Pass percentage
			*M	*F	
B. B. A					
2009-2012	80	48	29	19	72
2010-2013	92	61	45	16	45
2011-2014	87	58	45	13	59
2012-2015	90	54	25	29	54
2013-2016	71	54	41	13	-

*M - Male *F- female

27. Diversity of Students

Name of the course	% of Students from the same state	% of Students from other states	% of Students from abroad
BBA	99	1	-

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defence services, etc.? : Nil

29. Student progression – **B.B.A.**

Year	No. of Students appeared	No. of Students passed	No. of Students		
			Employed	Professional Course	Others
2011-2012	47	34	5	18	11
2012-2013	58	26	6	14	6
2013-2014	58	34	4	11	19
2014-2015	54	29	4	16	9

30. Details of Infrastructural facilities

a) Library

There are 74 books in the library.

b) Internet facilities for Staff & Students

It is facilitated to use the internet in the computer center.

c) Class room with ICT facility : Nil

d) Laboratories : Nil

31. Number of students receiving financial assistance from college, university,
Government or other agencies scholarship

Types of Scholarship	2011-2012	2012-2013	2013-2014	2014-2015
Institutional Scholarship				
Friends of Kottar	7	11	19	17
Students Welfare Fund	-	-	2	1
Government Scholarship				
SC/ST Scholarship	-	2	2	3
Minority Scholarship	15	9	12	24
Beedi Workers Scholarship	1	-	-	-
Farmers' Social Security Scheme Scholarship	1	-	-	-

32. Details on student enrichment Programmes (special lectures/ workshops/ seminar) with external experts
 - Seminar was conducted on Consumer Awareness on 19.08.2013.
 - An Entrepreneur Mr. S. Shibi, Proprietor, PPK Group of Companies Marthandam presented a seminar on the topic “Retail Management” on 22.08.2013.
 - National Symposium “GRAVITAS2K13” on 19.12.2013.
 - A seminar was arranged for the students on 08.07.2014 on the topic “e-banking” by Dr. S. John Felix, relationship manager, Al-Arif Dubai.
 - National Symposium was organized on Gravitas 2K15 on 12.01.2015.
 - An Industry oriented workshop was arranged for the BBA by the experts of International Labour Organisation from 04.02.2015 to 09.02.2015.
 - Seminar was conducted on Higher Education on 13.08.2015.
 - National Level Symposium on “GRAVITAS 2K16” on 8th & 9th January 2016.
33. Teaching Methods adopted to improve student learning
 - Seminars taken by the students
 - Innovative and creative assignments
 - Peer teaching
 - Group discussion in the classroom
 - Teaching using LCD, OHP, PowerPoint, Charts, Models etc
34. Participation in Institutional Social Responsibility (ISR) and Extension activities
 - BBA department students gave a gift (Rs.1000 & Christmas Cake) to 15 poor students in the college in association with Christmas Feast in Dec.2014.
 - CCB of our department planted 10 saplings in the college campus in memory of the death of the former president Dr. A. P. J. Abdul Kalam on 23/07/2015.
 - BBA department students gave a gift (Rs.1000 & Christmas Cake) to 10 poor students (orphans) in the college in association with Christmas Feast in 22.12.2015.
 - Our department students conducted classes for the school students at St. Antony’s High School, Mullanganavilai on 16.02.2016.
35. SWOC analysis of the department and Future plans

Strength

 - Highly talented and experienced staff.
 - Very good library
 - Well furnished classrooms.
 - Transport facilities
 - Awesome environment of AVC

Weakness

- Students with village background
- Most of the students studied through Tamil medium upto their HSc
- Large number of students belongs to poor families.
- Absenteeism is high because of the economic conditions of the students.
- Most of the parents are illiterate.

Opportunities

- Good opportunity for employment in business organizations.
- Chances are favour for starting a business.
- Small industries are fast developing in Kanyakumari District with the facility of bank loans.
- Students are courageous enough to face interviews.
- Emergence of more and more Engineering Colleges offering MBA.

Challenges

- No job opportunities in schools.
- People are unaware of the importance of BBA.
- Girl students are not interested to join BBA.

Future Plan

- To develop the employability skills of the students.
- To equip the students with managerial skills.
- To make the students talented enough to face business and real life situations.

E. DECLARATION BY THE HEAD OF THE INSTITUTION

Declaration by the Head of the Institution

I certify that the data included in the Self-Study Report (SSR) are true to the best of my knowledge.

This SSR is prepared by the institution after internal discussions, and no part thereof has been outsourced.

I am aware that the Peer Team will validate the information provided in this SSR during the Peer Team Visit.

Tholayavattam,
16.05.2016.




Signature of the Head of the Institution
with seal

PRINCIPAL
ANNAI VELANKANNI COLLEGE
THOLAYAVATTAM - 629 157
KANYAKUMARI DISTRICT

F. CERTIFICATE OF COMPLAINE

Certificate of Compliance

This is to certify that Annai Velankanni College of Arts and Science, Tholayavattam, Kanyakumari District, Tamil Nadu fulfils all norms

1. Stipulated by the affiliating University and/or
2. Regulatory Council/Body [such as UGC, NCTE, AICTE, MCI, DCI, BCI, etc.] and
3. The affiliation and recognition [if applicable] is valid as on date.

In case the affiliation / recognition is conditional, then a detailed enclosure with regard to compliance of conditions by the institution will be sent.

It is noted that NAAC's accreditation, if granted, shall stand cancelled automatically, once the institution loses its University affiliation or Recognition by the Regulatory Council, as the case may be.

In case the undertaking submitted by the institution is found to be false then the accreditation given by NAAC is liable to be withdrawn. It is also agreeable that the undertaking given to NAAC will be displayed on the college website.

Tholayavattam,
16.05.2016.




Signature of the Head of the Institution
with seal

PRINCIPAL
ANNAI VELANKANNI COLLEGE
THOLAYAVATTAM - 629 157
KANYAKUMARI DISTRICT

G. ANNEXURE

ANNEXURE I

List of Programmes Conducted by IQAC:

1. Orientation Programme on '**How to understand the behavior of students**' by Dr. Borgio, Associate Professor, St. Xavier's College of Education, Palayamkottai & Dr. Xavier Dhas, Associate Professor, Department of English, St. Jude's College, Thoothoor on 26.10.2012.
2. Refresher Course at Morning Star Polytechnic College, Chungankadai on '**Professional Ethics in Teaching**' on 05.01.2013 by Mr. Ilasai Sundaran, All India Radio, Madurai.
3. Orientation programme for the teaching and nonteaching staff on **NAAC Accreditation** by Dr. C. Bright, Associate Professor, NVKSD College of Education, Attoor & Correspondent, Holy Trinity College of Education, Melpalai on 21.04.2014 & 26.04.2014
4. An orientation programme for the teaching programme titled '**HODS and Tutors**' by Mr. J. Amal Eronimus of English Department, Annai Velankanni College, Tholayavattam on 01.08.2014.
5. A orientation programme for the HODs and NAAC Steering Committee members on **SWOT Analysis** was conducted by Dr. V. Janet Y Selvia of Commerce Department, Annai Velankanni College, Tholayavattam on 12.08.2014
6. An orientation programme on Quality Assurance titled **Role of Evaluation in Quality Assurance** was held on 23.11.2014. The programme was conducted by Mr. M. Anto, Convenor, IQAC, Annai Velankanni College, Tholayavattam.
7. A Faculty Development Programme on **Teaching that Transforms** by Dr. Jeykar Chellaraj, Former Principal, Bishop Heber College, Trichy on 23.01.2015 and 24.01.2015. On 24.01.2015, a separate programme was conducted for the non teaching staff by Dr. Jeykar Chellaraj on 'Students-Non Teaching Staff relationship'.
8. An orientation programme titled **Quality Assurance and NAAC Accreditation** was conducted by Dr. P. Saravanan, Convener, NAAC Steering Committee, Lakshmipuram College of Arts and Science, Neyyoor on 19.02.2015 for the HODs and the NAAC Steering Committee members of Annai Velankanni College, Tholayavattam.
9. A Faculty Development Programme titled **Qualities of Efficient Teacher** was conducted by Dr. S. Justin Antony, Principal, Pope John Paul II college of Education, Mulagumoodu on 09.03.2015 for the teaching staff of our College.
10. An orientation programme titled **Need of Research** was jointly organized by the Research Committee and IQAC of Annai Velankanni College on 23.04.2015.
11. An orientation programme titled **Criterion II: Teaching Learning and Evaluation** was held on 12.06.2015. Along with the newly

recruited teaching staff, a total number of 20 teaching staff attended the programme. The topic for the first session is **Transactional Analysis** by Dr. J. Stephen Davis, Principal, Annai Velankanni College. In the second session Mr. V.G. Samu Sundar, Assistant Professor, Department of English, Annai Velankanni College delivered on address on **Teaching strategies and Techniques**. In the third session Dr. S. Mary Helen delivered on address on **Making a difference in the classroom**. The afternoon session was handled by Mr. S.A. Deva Prince. His address was on **How to be an inspired teacher?**

12. An orientation programme on **Criterion I: Curricular Aspects** was held on 16.07.2015 for the Academic and Curriculum Planning Committee Members. NAAC Steering Committee convenor Mr. M. Anto was the resource person.
13. An orientation programme on **Criterion based evaluation of Department Activities** was held on 20.07.2015 for the Heads of the Departments and Criterion Team Leaders. Mr. M. Anto, Convenor, NAAC steering committee was the resource person.
14. An orientation programme for the class in-charges was conducted on 11.08.2015 on **Tutor Ward System**. Mr. D. Anto Pravin Singh, Asst. Professor, Department of Business Administration and Criterion Team VI leader, NAAC Steering Committee was the resource person.
15. A workshop on **ICT enabled classroom Teaching** was held for the teachers on 26.08.2015. Mr. M. Mohanadhas, Asso.Prof. Dept. of Computer Science and Criterion Team I leader, NAAC Steering Committee conducted the workshop.
16. A two part research orientation programme was conducted for the M.Phil students by Mr. G. Dominic Babu, Assistant Professor, Department of Mathematics, Annai Velankanni College, Tholayavattam on 03.10.2015.
 - Part I : Writing articles for Research Journals and presenting papers in conferences.**
 - Part II : Preparation of Research and Review articles for journals**
17. An orientation programme for the teaching staff on **Preparing Self Study Report for NAAC Accreditation** on 07. 01. 2016 by Dr G.Dunston Joseph, Director, DMI Group of Colleges, Chennai.
18. An orientation programme on **Exploring Possibilities through Collaboration** by Mr. R. Leo Bright Singh, Faculty, Department of Mechanical Engineering & Public Relations Officer, Mar Ephraem College of Engineering & Technology, Elavuvilai.
19. An orientation programme for the students on **NPTEL online courses** on 15. 02. 2016 by Mr.C.I.Rajesh, Assistant Professor,

Department of English & SPOC- NPTEL Chapter, Annai Velankanni College, Tholayavattam.

20. An orientation programme on **Efficacy of Teaching & Learning** by Mr. John A. Joseph, Chief Editor, Educational Monitor for the Teaching Staff (except English Department) on 19.02.2016.
21. An orientation programme on **Enriching the English Language Teaching** by Dr. G. Thilagavathi Joseph, Director, Academy of Professional Excellence & Dean, Stella Mary's College, Chennai for the Teaching Staff of English Department on 19.02.2016.
22. An orientation programme on **Psychological Approach to Teaching** by Mr. V. G. Samu Sundar, Assistant Professor, Department of English, Annai Velankanni College, Tholayavattam for the teaching staff on 23.03.2016.
23. An orientation programme on **Role of Faculty in NAAC Accreditation** by Dr Reimend Uthriyaraj, Former Secretary, Tamil Nadu Engineering College Admissions, Professor, Department of Information Technology, Anna University, Chennai for the Heads of the Departments and the members of NAAC Steering Committee and IQAC on 15.04.2016.

Note: Programme Nos. 1, 2 and 3 were conducted at the College before IQAC was established.

ANNEXURE II

List of researchers of eminence visited from institutes and industries:

Sl.No.	Name	Designation	Topic	Date of Visit
1.	Dr.Suthakar	Head, Dept of Biotechnology, M.S University, Alwarkurichi	Molecular aspects of aging	11.09.2009
2.	Dr.John Jothi Prakash	Principal, TDMNS College, Kallikulam	Micropropagation: A Novel method of plant propagation	11.09.2009
3.	Dr. T. Jaya Sekher	Environmental Scientist, TNPCB, Tuticorin	Toxicity Evaluation of Atmospheric particles using Biotechnological Assays	11.09.2009
4.	Prof. Beschi Antony Rayan	Dept of Plant Biology and Plant Biotechnology, St. Xaviers College (Autonomous) Palayamkottai	Bioinformatics	11.09.2009
5.	Dr. A. Palavesam	Reader and Head, CMST,M.S.University Rajakamangalam	Reserch paper presentation	11.09.2009
6.	Prof. Chitra Thomas	Former Head, Department of Chemistry, Scott Christian College, Nagercoil.	Improvements in the Pedagogical approach to enhance motivation for learning chemistry	11.02.2011
7.	Dr.J.Anil John	TBGRI, Trivandrum	Introduction to Phyto-chemistry	11.02.2011
8.	Dr.K.B.Ramesh Kumar	TBGRI, Trivandrum	Diversity of Phyto-chemistry	11.02.2011
9.	Dr. K.P. Srinivasakumar	Chief consultant, Reliance clinical Life sciences, Bangalore	Biotechnology and Innovations	07.03.2011
10.	Dr.V. Siva Ram	Dept of Animal Health Science, AlagappaUniversity, Karikudi	Nanomedicine& its appilication in society	07.03.2011
11.	Dr.V. Aldous J Huxley	Asst. Prof & DST young Scientist, Dept of Zoology, ThiruVi Ka Govt. Arts college, Tiruvarur	Drug Development	07.03.2011
12.	Mr.J.Regu Antony	V O Chidambaram College, Tuticorin	Cultural studies	10.02.2012
13.	Dr.R.Wilson	St.Jude's College, Thoothoor	African Literature	10.02.2012

14.	Mr.A.Xavier Chandra Bose	Lashmipuram College of arts and Science, Mandaikadu	Canadian Literature	10.02.2012
15.	Dr.Wilfred	St.Jude's College, Thoothoor	Graph theory in real Life	28.02.2012
16.	Dr.R.Winson	St.Xavier's Catholic College of Engineering, Nagercoil	Queueing Models	28.02.2012
17.	Dr.P.Titus	Anna University, Thirunelveli	Distance in Graph	28.02.2012
18.	Dr. A. Vijayan	Associate Professor of Department of Mathematics, NMCC College, Marthandam	Dominants properties in graphs	09.03.2012
19.	Mr.Aloysius	Manager, St. Xaviour's Academy, Karungal	Placement motivation	29.06.2012
20.	Dr.Ravichandran	Professor, Gandhigram University,Dindugal	Trends in Indian Economy	21.07.2012
21.	Dr.Nakkeeran	Professor, University of Ethiopia	Trends in Indian Economy	21.07.2012
22.	Mr.T.Shibin	FinancialConsultant	Higher Eductin	12.08.2012
23.	Dr.S.A. Martin Britto Dhas	Assistant Professor, Department of Physics,Sacred Heart College (Autonomous), Tirupattur	Quantum Particle	27.12.2012
24.	Dr.Vijaya Lakshmi	S.T.Hindu College, Nagercoil	Algebric Graph theory	28.02.2013
25.	Prof.S.Shanal Kumar	St.Xavier's Catholic College of Engineering, Nagercoil	Integral Equations	28.02.2013
26.	Dr.Hariharan	Associate Professor, Institute of English, University of kerala, Director, UGC Area study Center for Canadian Studies, University of kerala	Canadian Literature	14.08.2013
27.	Mr. S. Shibi	Proprietor, PPK Group of Companies, Marthandam	Retail Management	22.08.2013
28.	Mrs.M.Subila	PSN Engineering College, Thirunelveli	Consumer Awareness	19.08.2013
29.	Dr. I. Hubert Joe	Associate Professor, Centre for Molecular and Biophysics Research, Department of Physics, Mar Ivanios College, Thiruvananthapuram-695015	Molecular docking towards drug discovery	04.10.2013
30.	Dr.X.Sahaya Shajan	Associate Professor, Centre for scientific and applied Research, School of Basic Engineering and Sciences, PSN College of Engineering and Technology, Tirunelveli	Nanochitosan: A promising filler material material for high conductivity polymer electrolytes	04.10.2013

31.	Dr. T. Suthan	Assistant Professor, Department of Physics, Noorul Islam University, Kumaracoil – 629180	Growth and characterization of organic material 3- hydroxy benzaldehyde single crystal by modified vertical Bridgman technique	04.10.2013
32.	Dr. S. A. Martin Britto Dhas	Assistant Professor, Department of Physics, Sacred Heart College (Autonomous), Tirupattur.	Spectroscopic Studies of nano particles	04.10.2013
33.	Dr. S. Sebastian	Assistant Professor, Sri Manakula Vinayagar Engineering College, Madagadipet, Puducherry- 605 107, India.	Vibrational Spectro scopy	05.10.2013
34.	Dr. G. M. Carmel Vigila Bai	Assistant Professor, Department of Physics, Rani Anna Government College for Women, Tirunelveli District, Tamil Nadu.	Cluster Radioactivity	05.10.2013
35.	Dr. R. Ganapathy Raman	Assistant Professor, Department of Physics, Noorul Islam University, Kumaracoil – 629180	Growth and Characterization of some Organic Non Linear Optical (NLO) Crystals	05.10.2013
36.	Mr. S. Shibi	Proprietor, PPK Jewelers Marthandom	Management Program	19.12.2013
37.	Dr. S. Senthil Nathan	Asst. Prof. Environmental Toxicology and Biopesticides Lab Department of Environmental Sciences, M.S University	Role of biopesticides on sustainable agriculture and crop protection	23.01.2014
38.	Dr. K. P. Srinivasa Kumar	Chief Consultant, Reliance Clinical Life Sciences, Bangalore.	Overview of discovery and applications of biopharmaceuticals in health care sector	23.01.2014
39.	Dr. S. K. Sundar	Asst. Professor Department of Microbiology, Mannarkudi college.	Rise of Antibiotic resistance and emergence of probiotics	23.01.2014
40.	Dr. K. Sahayaraj	Dean of Sciences, St. Xavier's college (Autonomous), Palayamkottai	Bio-nanomaterials	24.01.2014

41.	Dr.N. Mabel Starlin	Asst. Professor Department of Botany N.M.C College Marthandam	Biodiversity and conservation- A Biotechnological perspective	24.01.2014
42.	D. Manikandaraja	SRF, ICAR – NAIP, Centre for Aquaculture Research and Extension, St. Xavier's college (Autonomous) palayamkottai	Aquaculture techniques for seed production and growout culture of Murels	24.01.2014
43.	Mr.A. Sundaramoorthy	Computer Programmer, Sify Technologies Ltd	.Net	29.01.2014
44.	Dr. A. Joseph Raj Kumar	Senior Scientist, CPCRI, Kayankulam	Innovative Chemistry for pest management	30.01.2014
45.	Dr. G. Annadurai	JSPS fellow (Japan) PANSA (Tamil nadu) SPKCBS, Alwarkurichi.	Nano Chemistry	30.01.2014
46.	Dr. J. Mary Gladis	Reader, IIST, Trivandrum	Advances in Materials for Lithium Batries	31.01.2014
47.	Dr. A. Simi	Asst. Professor, St. Joseph College (Autonomous), Trichy	Mysteries of Chemistry in Human existences	31.01.2014
48.	Dr. T.P.D. Rajan	Scientist, NIIST, Trivandrum	Developments in Nano Composites and applications	31.01.2014
49.	Mrs. Andrea R. Mary	Medical Biochemist Ramachandra Medical College Chennai.	Therapeutic Agents	31.01.2014
50.	Dr. Y. Jaya Vince Ruban	Asst. Prof., St. Xaviers College (Autonomous), Tirunelveli	Polymer Based Nano materials	31.01.2014
51.	Mr.Manikandan	Net work support Engineer at Sify Technologies Ltd	Hardware Training	31.01.2014
52.	Dr.R.Veerapadran	Rajadurai Singam Govt.Arts College, Sivagangai	Algebra and Graph Theory	10.02.2014
53.	Dr.G.S.Grace Prema	St.John's College, Palayamkottai	Application in Graph Theory	10.02.2014
54.	Mr.Anandha Subramaniyan	Panapaatu Ayvalar, Nagercoil	Kumarium Samanamum	30.03.2014
55.	Kavinjar.Ponnellan	Akila Indhiya Murpokku Eluththaalar Sameelanam	Novelkalin Intraya Nilai	31.03.2014
56.	S. John Felix	Relationship Manager, Al-Arif Dubai.	e-Banking	08.07.2014
57.	Mr.Rajagopal	Educationalist, Nagercoil	Education inTamil	29.07.2014

58.	Dr.S. Ramachandran	NI University, Kumaracoil	Reconstruction of graph and digraphs	13.08.2014
59.	Dr.Nicholas	St.Judes College, Thoothoor	Fuzzy concepts in Mathematics	13.08.2014
60.	Dr.S.Shanel Kumar	Ibri College of Technology, Sultanate of Oman	Compliments of Graphs	14.08.2014
61.	Mr.S.A.Deva Prince	Asistant Professor , Arulanandar College , Karumathur	Studies of Lanthanides, UGC-NET , SLET Awareness Programme	14.08.2014, 16.02.2015
62.	Mr.N. Xavier Retin	Chief Technology Officer, Maxaim Softech Solutions.	Introduction to Java Enterprise System	01.09.2014
63.	Dr.S.Sudhakar	Head, Department of Biotechnology, Manonmaniam Sundaranar University, Tirunelveli.	The function of Riboflavin in stem cell proliferation and regeneration	12.09.2014
64.	Dr.A.Egbert Selvin Rose	Asst. Prof. Department of Botany, St.Joseph's College (Autonomous), Trichy	VAM Fungal Diversity causes and effects	12.09.2014
65.	Dr.Selvakumar	NMCC College, Marthandam	Samakala Tamil Navalkalil Punaivum Velium	23.09.2014
66.	Dr.Edmund Christopher,	Associate Professor, Department of MBA (Finance), Noorul Islam University, Kumarakovil	Student Attitude	08.10.2014
67.	Dr.S.Venkateswari	Assistant Professor, Noorul Islam University, Kumaracoil	Data Base Management System	26.09.2014
68.	Dr.Janatha Kumari	Associate Professor, Sree Iyappa College, Chunkankadai	Research Methodology	12.12.2014
69.	Dr.Samuel GnanaPrakash Vincent	Associate Professor, International Centre for Nano Biotechnology (ICN), Manonmaniam Sundaranar University, Rajakkamangalam, Kanyakumari District.	Novel insights on drug discovery from plants.	2014-2015
70.	Dr.A.Aruldas	Assistant Professor, Department of Physics, Nesamony Memorial Christian College, Marthandam	Vibrational Spectroscopy	28.01.2015
71.	Dr.K.S.Joseph Wilson	Associate Professor, Department of Physics, Arul Anandar College, Karumathur	Photonics	28.01.2015

72.	Prof. Nada SivaKumar	Noorul Islam arts and Science College, Kumaracoil, Kanniyakumari Dist.	Tamil	23.09.2014, 31.03.2015
73.	Prof. &Writer Kumara Selva	Nesamony Memorial College, Marthandam, Kanniyakumari Dist.	Tamil	23.09.2014, 31.03.2015
74.	Prof.Mujp Rahman	Writer, Thuckalay, Kanniyakumari Dist	Tamil	23.09.2014, 30.03.2015
75.	Muzhanguzhi Pa. Lazer	Kumari Mutthamizh Mantram, Kappukadu, Marthandam, Kanniyakumari Dist	Tamil	09.10.2014 & 09.10.2015
76.	Sollaayvu Semmal. M.S. Victor	M.S. Victor Research Centre, Ariyalore	Tamil	22.12.2014, 09.01.2015, 30.03.2015
77.	DR.K.S.Joseph Wilson	Associate Professor, Department of Physics, Arul Anandar College, Karumathur	Photonics	28.01.2015
78.	DR.A.Aruldas	Assistant Professor, Department of Physics, Nesamony Memorial Christian College, Marthandam	Vibrational Spectroscopy	28.01.2015
79.	Dr. Kaustabh Kumar Marti	Senior Scientist, NIIST Trivandrum	Drug Delivery Systems and diagnostic nano probe for cancer Treatment	29.01.2015
80.	Dr. K. Rajesh	Asst. Professor, Department of Chemistry, University College, Trivandrum	Environmentally Benign chemical synthesis	29.01.2015
81.	Dr. G. RadikaNath	Asst. Professor, Dept. of Chemistry and Polymer Science, D.B College,Kollam	Principal totality in Green Chemistry	29.01.2015
82.	Dr. A. Rose Venis	Associate Professor, Department of Chemistry St. Joseph's College (Autonomous) Trichy.	Green Chemicals	30.01.2015
83.	Prof. Chitra Thomas	Former Head, Department of Chemistry, Scott Christian College, Nagercoil.	Nano Safety	30.01.2015
84.	Dr.K.Arun Prasad Lingam	Assistant Professor ,Kamaraj College , Tuticorin	Organic Synthesis and Analysis	16.02.2015
85.	Dr.Suba Ganabathy	Holy Cross College, Nagercoil	Scrambled Theories in Symbolised Stream	20.02.2015
86.	Writer. Kumari Tholan	Mullanginavilai	Kavithai ezhuthuthal Payirchi	13.03.2015

87.	Dr. S. Alagesan	Member Syndicate, President, Professor, Department of Tamil, Manonmaniyam Suntharanar University, Abisekapatti, Tirunelveli	SamayamumThamizhul Book Release	30.03.2015
88.	Dr. T. Rajarethinam	Research Fellow, FFEO, Pondichery	Samanamum Pouthamum thamizhum	30.03.2015
89.	Anantha Supramaniam	Research Scholar of Cultural Studies, Nagercoil	Kumarium Samanamum	30.03.2015
90.	Dr. Anjel Jeyalet Rani	VTM Arts and Science College, Arumanai, Kanniyakumari Dist.	Sangamum Samanamum	30.03.2015
91.	Writer. PremKumar	Development officer, LIC, Thuckalay, Kanniyakumari Dist.	Chirukathai	31.03.2015
92.	Prof. Hameem Mustafa	Department of Tamil, Muslim Arts College, Thiruvithangode, Thuckalay, Kanniyakumari Dist.	Islaamum Thamilum	31.03.2015
93.	Prof. Muhammed Asker	Department of Tamil, Muslim Arts College, Thiruvithangode, Thuckalay, Kanniyakumari Dist.	Islamiya Vaimoli Ilakkiyangal	31.03.2015
94.	Dr. Edel Queen	Department of Tamil, Holy Cross College, Nagercoil	Manithanai Nerippaduththum samaya Illakkiyangal	31.03.2015
95.	Dr. Vasumathi	Department of Tamil, Vsalahkshi Arts and Science College, Udumalpet.	Angila moli kaattum thirukothummpi	31.03.2015
96.	Prof.T. Mano	ISDL, Trivandrum, Kerala	Vainavamum thamizhum	31.03.2015
97.	Writer. Ponneelan, Sahithiya Academy Awarded Writer	Manikaddipottal, Kanniyakumari Dist	Novel	31.03.2015
98.	Mr. Anand	Managing Director, JAYA Bhardra Infotech Project Solution	JAVA J2EE	09.07.2015
99.	Writer. Sivasankaran	Thuckalay	Padaippattal	27.07.2015
100.	Writer. Vaanamathi	Srilanka	Penniya sinthanaikal	05.08.2015
101.	Dr.R.Kala	M.S. University, Thirunelveli	Distance Related Concepts in Graphs	12.08.2015

102.	Dr.A.Anto Kingsley	St.Xavier's College (Autonomous), Palyamkottai	Introduction to graph Algorithms	13.08.2015
103.	Dr.V.Chandrasekar	S.K.P Engineering College, Thiruvannamalai	Polynomial Factorial and Sterling number	13.08.2015
104.	Dr.G.Britto Antony Xavier	Sacred Heart College, Thirupathoor	Infinite Series and it Convergence	13.08.2015
105.	Dr. S. Kiruba	Asst. Professor, Dept. of Zoology, Vivekanandha College of Arts & Science, Namakkal.	Career Opportunities for Life Science Students.	21.08.2015
106.	Mr.Saravanan	IBM, Bangalore	Technologies and Job Opportunities	04.09.2015
107.	Mrs. Sree Kala	Computer Software College, Marthandam	Office Automation	04.09.2015
108.	Dr.Kinsly	Head of the department of management studies, NI university	Employability skill	10.09.2015
109.	Mr.Manohar sam	Y.M.C.A	Workshop	14.09.2015
110.	Fr.Martin	Puthu Vasantham co-ordinator	Drug awareness	16.09.2015
111.	Dr.K.Sahayaraj M.Sc., M.Phil., Ph.D.	Associate Professor in Zoology, St.Xavier's College (Autonomous),Palayamkottai.	Insects as Natural Bioresources.	18.09.2015
112.	Dr S.Sam Manohar Dhas M.Sc., M.Phil., Ph.D.	Emeritus Professor & Rtd. Associate Professor in Zoology, Scott Christian College (Autonomous), Nagercoil	Eco-Economic Importance of Microfauna as Decomposers	18.9.2015
113.	Dr. Jeyalekshmi	Associate Professor, S. T. Hindu College, Nagercoil	Algebraic Graph Theory	21.09.2015
114.	Sr.Dr.Vinitha	St.Theresa College, Ernakulam	Current trends in Literature	22.09.2015
115.	Dr.Priya K Nair	St.Theresa College, Ernakulam	Current trends in Literature	22.09.2015
116.	Dr.R.Latha Dhevi	HOD, Dept of English, University College of Engineering, Nagercoil	Indian Literature	23.09.2015
117.	Dr.Sukirtha Busmath	Rani Anna Govt. womens College, Thirunelveli	Penkalum Aalumaikalum	25.09.2015
118.	Dr.Pon Murugan	Principal, TDMNS College.T.Kallikulam.	Recent Trends in Banking Technology	21.01.2016
119.	Dr. M. Wilson,	Dean, Department of School of Management, Noorul Islam University, Kumarakovil	Recent Trends in Banking Technology and History	22.01.2016

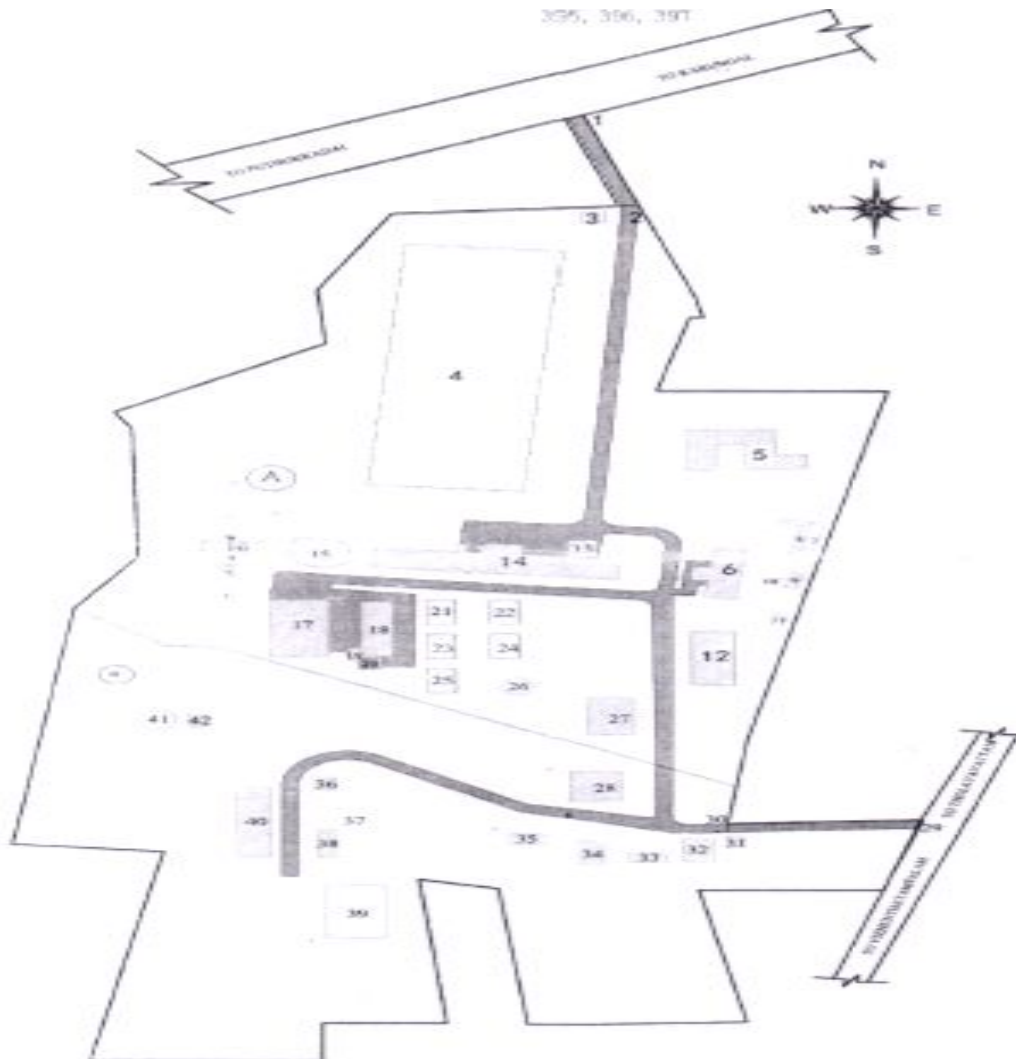
120.	Dr.R.Joseph Manoj	Asso. Prof., Dept. of I.T.,St.Joseph College of Engineering, Chennai – 19	Big Data Analytics	27.01.2016
121.	Dr.A.Ferdinand Christofer	Asst. Prof., Dept. of Computer Applications, Noorul Islam University, Kumaracoil	4G Mobile Networks	27.01.2016
122.	Mr.J.G.Albenson	Multimedia Designer, NPR group of institutions Natham, Dindugal	Mastering Techniques in Photoshop	28.01.2016
123.	Dr.K. Jayakumari	Head and Associate Professor in Physics, Sree Ayyappa college for Women - Chunkankadai	Crystal Growth	01.02.2016
124.	Dr.V.Selvam	Assistant Professor in Physics, Rani Anna College for Women, Tirunelveli	Nuclear Dynamics	01.02.2016
125.	Dr.T.Chithabara Thanu	Associate Professor in Physics, S.T.Hindu College, Nagercoil.	Ozone	01.02.2016
126.	Dr.C.Henry	Associate Professor in Physics, St.Jude's College, Thootoor	Radiation Physics	02.02.2016
127.	Dr.S.Sonia	Assistant Professor in Physics,Holy Cross College, Nagercoil	Growth and Characterization of Nanotubes	02.02.2016
128.	Dr. M. Sankaranarayana Pillai	Professor, Head, Dept. of Chemistry, Noorul Islam University, Kumaracoil	Green Chemistry	04.02.2016
129.	Dr. K. Y. Sandya	Associate professor ,IIST , Trivandrum	Material for Solar Energy Conversion and Photo Catalysis	04.02.2016
130.	Dr. V. Jayabal	Head, Dept of Chemistry, St.Xavier's College (Autonomous),Palayamkottai.	Phyto Chemistry- Social Relevances	05.02.2016
131.	Mr. M.S. Selva kumar	Assistant Professor, St. Xavier's college(Autonomous), Palayamkottai	Size and Chemical Behaviour- A Correlation	05.02.2016
132.	Mr.R.Britto Dominic Rayan	Associate Professor, St. Philomina's college, Mysore.	Theoretical Method of Predicting Molecular Geometry	05.02.2016
133.	Mrs. Kirubha Kani	Bethlahem College of Education, Karungal	History of Mathematics	14.03.2016

134.	Dr.SrinivasaKumar	Chief Scientific Officer- Inbiotics, Head- Clinical Operations, Institute of Biotechnology and Clinical Research, Trivandrum.	Emerging advancement and opportunities in Biotechnology.	2015-2016
135.	Dr.Merlin Franco	Asst. prof. in Environmental studies, Institute of Asian Studies, University Brunei Darussalam, Negara Brunei Darussalam.	Moving some biodiversity to bicultural diversity.	2015-2016
136.	Dr.M.Jayalakshmi	Department of Immunology, School of Biological Science, Madurai Kamaraj University.	Recombinant vaccine: Battle against HBV	2015-2016
137.	Dr.G.Stephen	Manonmaniam Sundaranar University, Thirunelveli.	Tamil	18.03.2016
138.	Dr.Kanjana Balaxubramaniam	Governing board member, Central institute of Classical Tamil, Chennai	Irupatham Noottandu- Penniya Kavithaikalin PokkukaL	17.03.2016
139.	Dr.Ravikumar	Asst.Professor, Subiramaniya Bharathiyar central University, Pondichery	Irupatham Noottandu- Kavithai Illakkiya PokkukaL	17.03.2016
140.	Mrs.Suma Makeshvari	S.T.Hindu College, Nagercoil	Irupatham Noottandu- kavithai Illakkiya PokkukaL	17.03.2016
141.	Mrs.Raja Kumari	Malangara Cathelic College, Mariyagiri	Irupatham Noottandu- Kavithai Illakkiya PokkukaL	17.03.2016
142.	Dr.K.Ganesan	Vivekanantha College, Agastheeshvaram	Thalith Chinthanaium Thalith Iyakkamum	18.04.2016
143.	Dr.Satheesh Kumar	Mano College, Kanniyakumari	Irupatham Noottandu- Padaippukallin Parathi	18.04.2016
144.	Wr.NaarumPu naathan	Thirunelveli	Kavithai Ettamum Samuka Mattamum	18.04.2016
145.	Dr.Rama Kumar	Vivekanantha College, Agastheeshvaram	Kavithai Ettamum Samuka Mattamum	18.03.2016

ANNEXURE III

CAMPUS MAP

PALOOR VILLAGE SURVEY NO : 17, 18, 19, 20
KILLIYOOR VILLAGE SURVEY NO : 395, 396, 397



1. Arch 2. Gate 3. Watchman Shed 4. Play Ground 5. Computer Science Block
6. Administrative Block 7. Gents' Toilet 8. Two Wheeler Shed 9. Generator Room
10. Store Room 11. Staff Toilet 12. Parking Area 13. GROTTO 14. Main Block
15. Waiting Area 16. Girls' Toilet 17. Auditorium 18. South Block 19. Store
20. Canteen 21. Badminton Court 22. Badminton Court 23. Volley Ball Court
24. Basket Ball Court 25. KhoKho 26. Open Well 27. Library 28. Guest House
29. Arch 30. Check Post 31. Watchman Shed 32. Mummy House 33. Vehicle Shed
34. Store Room 35. Boys' Home 36. Pump House 37. Water Tank 38. Workers' House
39. Pond 40. Dairy Farm 41. Open Well 42. Pump House

ANNEXURE IV

AUDIT REPORTS



Louis & Co.,
Chartered Accountants

AUDIT REPORT

We have examined the Balance Sheet of the ANNAI VELANKANNI COLLEGE ADMINISTRATIVE SOCIETY, Annai Velankanni College Premises, No: 17 - 14J, Tholayavattam (P.O), Killiyoor Village, Vilavancode Taluk, Kanyakumari District - 629 157 as at 31.03.2012 and the Income and Expenditure Account for the year ended 31.03.2012 on that date which are in agreement with the books of accounts maintained by the said Institution.

We have obtained all the information and explanations which to the best of our knowledge and belief were necessary for the purpose of the audit.

In our opinion and to the best of our information and according to the explanation given to us, the said accounts give a true and fair view :-

- i) In the case of the Balance Sheet of the State of affairs of the above named Institution as at 31.03.2012.
- ii) In the case of Income and Expenditure account of its accounting year ended 31.03.2012.

NAGERCOIL,
27.04.2012.



For LOUIS & Co.,
Chartered Accountants,

A. Louis Sudhakaran, ICAI
M. No. 209220
Proprietor

V.S. Building, Second Floor, 78A, Court Road, Nagercoil - 629 001, Phone: 04652-236043

**ANNAI VELANKANNI COLLEGE ADMINISTRATIVE SOCIETY
ANNAI VELANKANNI COLLEGE PREMISES
NO - 17 -14 J, THOLAYAVATTAM (P.O) KILLIYOOR VILLAGE,
VILAVANCODE TALUK, KANYAKUMARI DISTRICT**

BALANCE SHEET AS ON 31.03.2012

LIABILITIES	Rs. Ps.	ASSETS	Rs. Ps.
General Fund:		Fixed Assets:	
Balance of Capital	22209237.71	(As per Schedule No:5)	15899671.95
Add: Excess of Income over Expenditure	4841984.47	Gas Deposit:	
	27051222.18	(As per Last Balance Sheet)	4450.00
Building Fund:		EB Deposit:	
Friends of Kottar		(As per Last B/S)	104342.00
(As per Last Balance Sheet)	16494398.49	Fixed Deposits:	
		(As per Schedule No :6)	22893141.00
		Closing Balance:	
		Cash in Hand	62248.38
		Cash at Bank	4581767.34
			4644015.72
	<u>43545620.67</u>		<u>43545620.67</u>

NAGERCOIL,
27.04.2012.

[Signature]
President

[Signature]
Secretary

[Signature]
Treasurer

S. Stephen Rose, S. Dennis
P. Mariadhas
V. DOMINIC XAVIER
A. Allen Johnsen Paul
B. Stanislas
Mr. DOMINIE M.K. DHAS

Per my Report Annexed

For LOUIS & Co.,
Chartered Accountants

A. Louis Mathiasan, M.A.
M. No 209320
Proprietor

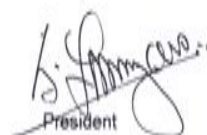
FR. A. GESH MARIAN
FR. M. HANU DEBARAMAN

**ANNAI VELANKANNI COLLEGE ADMINISTRATIVE SOCIETY
ANNAI VELANKANNI COLLEGE PREMISES
NO - 17 -14 J, THOLAYAVATTAM (P.O) KILLIYOOR VILLAGE,
VILAVANCODE TALUK, KANYAKUMARI DISTRICT**

INCOME AND EXPENDITURE ACCOUNT FOR THE YEAR ENDED 31.03.2012

EXPENDITURE	Rs. Ps.	INCOME	Rs. Ps.
To College Expenses:		By College Income:	
Maintenance Expenses of College (Schedule No:2)	17125371.96	Fee Collection	20603905.00
" Miscellaneous Payments		Other Income (Schedule No:1)	1188489.00
Bank Charges	500.00		21792394.00
" Depreciation	1145838.57	" Interest Received:	
" Excess of Income over Expenditure	4841984.47	Bank Interest	128855.00
		F.D. Interest	146745.00
		Accrued Interest on FD	1047701.00
	<u>23113695.00</u>		<u>23113695.00</u>

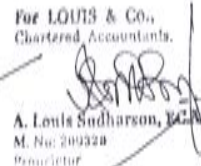
NAGERCOIL,
27.04.2012.


President


Secretary


Treasurer

Per my Report Annexed

For LOUIS & Co.,
Chartered Accountants,

A. Louis Sudharson, FCA
M. No: 209328
Permitter



S. Stephen Rose

S. Dama

A. Mariadhas

V. DOMINIC DAVIEK

B. Allen John Paul

B. Stanislas

FR DOMINIC M. KUDHAS

FR A. JESU MARIAN

FR. M. HAN DEVA DIASON

ANNAI VELANKANNI COLLEGE ADMINISTRATIVE SOCIETY
ANNAI VELANKANNI COLLEGE PREMISES
NO - 17 -14 J , THOLAYAVATTAM (P.O) KILLIYOOR VILLAGE,
VILAVANCODE TALUK, KANYAKUMARI DISTRICT

RECEIPTS AND PAYMENTS ACCOUNT FOR THE YEAR ENDED 31.03.2012

RECEIPTS	Rs. Ps.	PAYMENTS	Rs. Ps.
To Opening Balance:		By College Expenses:	
Cash in Hand	128907.34	Maintenance Expenses of	
Cash at Bank	3904560.34	College (Schedule No:2)	17125371.96
	<u>4033467.68</u>	" Capital Expenditure:	
" College Income:		Buildings	139737.00
Fee Collection	20603905.00	Bus	1433000.00
Other Income		Notice Board	14015.00
(Schedule No:1)	1188489.00	Furniture & Fittings	110440.00
	<u>21792394.00</u>	Lab Equipments	361899.00
" Miscellaneous Receipts		Refrigerator	7800.00
Short Term Deposit Closing	2107317.00		<u>2066891.00</u>
" Interest Received:		" Miscellaneous Payments	
Bank Interest	126855.00	Fixed Deposits	4370000.00
F.D. Interest	146745.00	Bank Charges	500.00
			<u>4370500.00</u>
		" Closing Balance:	
		Cash in Hand	62248.38
		Cash at Bank	4581767.34
			<u>4644015.72</u>
	<u>28206778.68</u>		<u>28206778.68</u>



For J. S. Jeyaraj & Co.
Chartered Accountants
J. S. Jeyaraj
Proprietor

**ANNAI VELANKANNI COLLEGE ADMINISTRATIVE SOCIETY
ANNAI VELANKANNI COLLEGE PREMISES
NO - 17 -14 J, THOLAYAVATTAM (P.O) KILLIYOOR VILLAGE,
VILAVANCODE TALUK, KANYAKUMARI DISTRICT**

SCHEDULE FORMING PART OF THE RECEIPTS AND PAYMENTS ACCOUNT AS ON 31.03.2012

SCHEDULE NO: 1

OTHER INCOME

Agri Income	37707.00
Advertisement	3339.00
Hostel Income	24968.00
Xerox	3036.00
Vehicle Income	200.00
Miscellaneous	192949.00
College Bus	557226.00
Prize Endowment	20000.00
Other Income	600.00
Magazine	48000.00
Fees Recovery	13552.00
Library	8641.00
Breakage	70877.00
Fine	183606.00
Global (Refund of Excess Payment)	10660.00
EPF Recovery	2862.00
DD Cancelled	10266.00
	1188489.00

SCHEDULE NO: 2

MAINTENANCE EXPENSES OF COLLEGE:

Provident Fund	1534550.00
Staff Salary	11211402.00
AICTE (Payment Through Principal A/c)	100000.00
Library	71234.60
Games	49073.50



Science - Chemicals, Audio - Visual	316006.47
Magazine and Hand Book	78720.00
Campus Amenity, Sanitation, Garden, Water	55469.28
Electricity Charges	133994.00
Generator Maintenance	217863.00
Communication - Postage, Telephone, Internet, Website	79570.60
Xerox, Printing, Fax	58217.00
Vehicle Maintenance	197506.02
Legal Expenses	25000.00
Audit Fee	16343.00
Advertisement	111489.00
Seminar, Staff Meeting etc	89288.00
Hospitality	30768.50
T.A	34890.00
Miscellaneous Expenses	68469.00
Repairs & Maintenance	348916.10
Replacement & Upgradation (Capital)	5750.00
Agriculture	79404.00
College Bus Maintenance	531296.14
HRDC / Placement Training	1629.00
Hostels	15442.00
Course of Study	252466.50
PTA	20525.00
University Entrance & Certificate Verification Fees	85110.00
NSS, YRC, Flag Day	20932.00
X'mas Gift to Staff	56000.00
Association, College Day	930.00
Printing & Stationery	121881.50
Convocation	70280.00
Staff Welfare	202147.00
Silver Jubilee	824641.75
Extra Activities	8167.00
	<u>17125371.96</u>



ANNAI VELANKANNI COLLEGE ADMINISTRATIVE SOCIETY
ANNAI VELANKANNI COLLEGE PREMISES
NO: 17-14J, THOLAYAVATTAM (P.O), KILLIYOOR VILLAGE,
VILAVANCODE TALUK

SCHEDULE FORMING PART OF BALANCE SHEET DETAILS OF FIXED ASSETS AS ON 31.03.2012

SCHEDULE NO : 3

Sl No	Particulars	Balance as on 01.04.2011 Rs. Ps.	Additions During the year Rs. Ps.	Deletions During the year Rs. Ps.	Total Rs. Ps.	Rate of Depreciation %	Depreciation Rs. Ps.	Balance as on 31.03.2012 Rs. Ps.
1	Land	1819363.00	-	-	1819363.00	-	-	1819363.00
2	Buildings	8275980.12	139737.00	-	8415717.12	5%	420785.86	7994931.26
3	Lab Equipments	705560.42	361899.00	-	1067459.42	15%	160118.91	907340.51
4	Furniture & Fittings	270214.61	110440.00	-	380654.61	10%	38065.46	342589.15
5	Computers	1240610.47	-	-	1240610.47	15%	186091.57	1054518.90
6	Statue	100000.00	-	-	100000.00	-	-	100000.00
7	Mahindra Jeep (Diesel)	25537.55	-	-	25537.55	15%	3830.63	21706.92
8	Basket Ball Court	44450.51	-	-	44450.51	5%	2222.53	42227.98
9	Generator	1941.15	-	-	1941.15	15%	291.17	1649.98
10	Television	1490.74	-	-	1490.74	15%	223.61	1267.13
11	Mike set	1385.91	-	-	1385.91	15%	207.89	1178.02
12	Refrigerator	901.63	7800.00	-	8701.63	15%	1305.24	7396.39
13	Typewriter	604.62	-	-	604.62	15%	90.69	513.93



15	Cycle	82.48	-	-	82.48	15%	12.37	70.11
16	Well	47268.71	-	-	47268.71	5%	2363.44	44905.27
17	Motor	536.65	-	-	536.65	15%	80.50	456.15
18	Brewell	32864.97	-	-	32864.97	5%	1643.25	31221.72
19	Xerox Machine	46493.45	-	-	46493.45	15%	6974.02	39519.43
20	Air Conditioner	6469.15	-	-	6469.15	15%	970.37	5498.78
21	Tables	18967.15	-	-	18967.15	10%	1896.72	17070.44
22	Stabilizer	1142.54	3500.00	-	4642.54	15%	696.38	3946.16
23	Fans	23302.67	-	-	23302.67	10%	2330.27	20972.40
24	Library Books	34174.08	-	-	34174.08	10%	3417.41	30756.67
25	Equipments	4596.30	-	-	4596.30	15%	689.45	3906.86
26	Stencil Machine	5590.06	-	-	5590.06	15%	838.51	4751.55
27	Mathapuram Land Fencing	131078.62	-	-	131078.62	5%	6553.93	124524.69
28	Educational Instruments	1539023.71	-	-	1539023.71	-	-	1539023.71
29	Water Purifier	7977.82	-	-	7977.82	15%	1196.67	6781.15
30	Chair	26301.95	-	-	26301.95	15%	3795.29	21506.66
31	Fax	6190.38	-	-	6190.38	15%	928.56	5261.82
32	New Car - Ambassador	443264.59	-	-	443264.59	15%	66489.69	376774.90
33	Bis	1218050.00	156687.00	-	2784937.00	15%	417740.55	2367196.45
34	Notice Board	12613.50	-	-	12613.50	10%	1261.35	11352.15
35	Printer	-	65000.00	-	65000.00	15%	9750.00	55250.00
36	Stone Roller	-	7600.00	-	7600.00	15%	1140.00	6460.00
		15393671.95	5709505.00	-	21609176.95		1332915.85	20276261.10



ANNAI VELANKANNI COLLEGE ADMINISTRATIVE SOCIETY
ANNAI VELANKANNI COLLEGE PREMISES
NO - 17 -14 J , THOLAYAVATTAM (P.O) KILLIYOOR VILLAGE,
VILAVANCODE TALUK, KANYAKUMARI DISTRICT

DETAILS OF FIXED DEPOSITS AS ON 31.03.2012

SCHEDULE NO: 4

Sl. No	Name of the Bank	Fixed Deposit Receipts No	Fixed Deposit as on 31.03.2011	Fixed Deposit as on 31.03.2012	Maturity Date
1	Indian Bank, Nagercoil	F.D. 591491	400000.00	400000.00	07.07.2012
2	Union Bank of India, Marthandam	F.D 481219/4152	500000.00	500000.00	13.09.2012
3	Mulagumoodu Vicariate Benefit Fund Ltd.,	F.D. R. 1004	50000.00	-	07.12.2011
4	Mulagumoodu Vicariate Benefit Fund Ltd.,	F.D. R. 2086	-	50000.00	12.12.2013
5	SB T Irenipuram	F.D. 67015373071	150000.00	150000.00	25.07.2016
6	SB T Irenipuram	F.D. 67015372103	100000.00	100000.00	25.07.2016
7	SB T Irenipuram	F.D. 303204	300000.00	300000.00	12.08.2013
8	SB T Irenipuram	FD 67145069660	4324933.00	4324933.00	23.07.2013
9	SB T Irenipuram	FD 67141371863	258682.00	258682.00	31.10.2013
10	SB T Irenipuram	FD 67141371794	131053.00	131053.00	31.10.2013
11	SB T Irenipuram	FD 67159608679	-	300000.00	27.09.2014
12	I.O.B. Mangarai	F.D. 12/03	150000.00	150000.00	25.02.2013
13	I.O.B. Mangarai	F.D. 7/04	400000.00	400000.00	09.11.2014
14	I.O.B. Mangarai	F.D. 86/ 05	839524.00	839524.00	22.07.2015
15	I.O.B. Mangarai	F.D. 140/7	1255199.00	1351175.00	10.08.2012
16	I.O.B. Mangarai	F.D. 074404511100017	1206653.00	1307668.00	02.08.2012
17	I.O.B. Mangarai	F.D. 511000120	5258012.00	-	21.06.2011
18	I.O.B. Mangarai	F.D. 074404511100012	1801915.00	1952762.00	20.07.2012
19	I.O.B. Mangarai	F.D. 074404511100035	1755423.00	1894146.00	16.08.2012
20	I.O.B. Mangarai	F.D. 511100091	528407.00	579006.00	07.09.2012
21	I.O.B. Mangarai	F.D. 511100084	5260.00	5809.00	06.09.2012
22	I.O.B. Mangarai	F.D. 511100083	5320.00	5875.00	06.09.2012
23	I.O.B. Mangarai	F.D. 511100082	5320.00	5875.00	06.09.2012
24	I.O.B. Mangarai	F.D. 511000143	157056.00	168869.00	23.07.2013
25	I.O.B. Mangarai	F.D. 511100201	-	10581.00	12.08.2016
26	I.O.B. Mangarai	F.D. 511100250	-	10404.00	21.10.2016
27	I.O.B. Mangarai	S.T.D. 111200003	-	2000000.00	22.05.2012
28	I.O.B. Mangarai	F.D. 511100167	-	5698779.00	21.06.2012
			19582757.00	22893141.00	



15	Cycle	82.48	-	-	82.48	15%	12.37	70.11
16	Wall	47268.71	-	-	47268.71	5%	2363.44	44905.27
17	Motor	536.65	-	-	536.65	15%	80.50	456.15
18	Brewery	32664.97	-	-	32664.97	5%	1643.25	31221.72
19	Xerox Machine	45493.45	-	-	46493.45	15%	6974.02	39519.43
20	Air Conditioner	6469.15	-	-	6469.15	15%	970.37	5498.78
21	Tables	16967.15	-	-	16967.15	10%	1696.72	17070.44
22	Stabilizer	1142.54	3500.00	-	4642.54	15%	696.33	3946.16
23	Fans	23302.67	-	-	23302.67	10%	2330.27	20972.40
24	Library Books	34174.08	-	-	34174.08	10%	3417.41	30756.67
25	Equipments	4596.30	-	-	4596.30	15%	689.45	3906.86
26	Stencil Machine	5590.06	-	-	5590.06	15%	838.51	4751.55
27	Matrapuram Land Fencing	131078.62	-	-	131078.62	5%	6553.93	124524.69
28	Educational Instruments	1539023.71	-	-	1539023.71	--	-	1539023.71
29	Water Purifier	7977.82	-	-	7977.82	15%	1196.67	6781.15
30	Chair	25301.95	-	-	25301.95	15%	3795.29	21506.66
31	Fax	6190.38	-	-	6190.38	15%	928.56	5261.82
32	New Car - Ambassador	443264.59	-	-	443264.59	15%	66489.69	376774.90
33	Bus	1219050.00	1566887.00	-	2784937.00	15%	417740.55	2367196.45
34	Notice Board	12613.50	-	-	12613.50	10%	1261.35	11352.15
35	Printer	-	65000.00	-	65000.00	15%	9750.00	55250.00
36	Stone Roller	-	7600.00	-	7600.00	15%	1140.00	6460.00
		1588671.95	5709505.00	-	2168176.95		1332915.85	20276261.10





Louis & Co.,
Chartered Accountants

AUDIT REPORT

We have examined the Balance Sheet of the ANNAI VELANKANNI COLLEGE ADMINISTRATIVE SOCIETY, Annai Velankanni College Premises, No: 17 - 14J, Tholayavattam (P.O), Killiyoor Village, Vilavancode Taluk, Kanyakumari District - 629 157 as at 31.03.2014 and the Income and Expenditure Account for the year ended 31.03.2014 on that date which are in agreement with the books of accounts maintained by the said Institution.

We have obtained all the information and explanations which to the best of our knowledge and belief were necessary for the purpose of the audit.

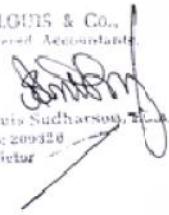
In our opinion and to the best of our information and according to the explanation given to us, the said accounts give a true and fair view :-

- i) In the case of the Balance Sheet of the State of affairs of the above named Institution as at 31.03.2014.
- ii) In the case of Income and Expenditure account of its income for the accounting year ended 31.03.2014.

NAGERCOIL,
25.04.2014.



For LOUIS & Co.,
Chartered Accountants


A. Louis Sudharson, B.Com.
M. No. 209328
Proprietor

V.S. Building, Second Floor, 78A, Court Road, Nagercoil - 629 001. Phone: 04652-236043

**ANNAI VELANKANNI COLLEGE ADMINISTRATIVE SOCIETY
ANNAI VELANKANNI COLLEGE PREMISES
NO - 17 -14 J , THOLAYAVATTAM (P.O) KILLIYOOR VILLAGE,
VILAVANCODE TALUK, KANYAKUMARI DISTRICT.**

BALANCE SHEET AS ON 31.03.2014

LIABILITIES	Rs. Ps.	ASSETS	Rs. Ps.
General Fund:		Fixed Assets:	
Balance of Capital	33047888.89	(As per Schedule No.3)	25257881.93
Add: Excess of Income		Gas Deposit:	
over Expenditure	5034866.37	(As per Last Balance Sheet)	4450.00
	<u>38082735.09</u>	EB Deposit:	
Building Fund:		(As per Last B/S)	104342.00
Friends of Kottar		Fixed Deposits:	
(As per Last Balance Sheet)	16494398.49	(As per Schedule No.4)	22320852.00
Staff Welfare Fund	50430.00	Closing Balance:	
		Cash in Hand	3897.68
		Cash at Bank	6885710.34
			<u>6889608.22</u>
		Staff Welfare Fund	
		Cash at Bank	
		I.O.B. Mangarai	50430.00
	<u>54827563.55</u>		<u>54827563.55</u>

NAGERCOIL,
25.04.2014.

A. Marudhan President
S. Dhanu Secretary
V. Dominic Xavier Treasurer
B. Stanislas Proprietor

S. Dhanu
S. Stephen Jose
J. Anandachandran

Per my Report Annexed
For LOUIS & CO.,
Chartered Accountants
A. Louis Satharson, FCA,
M. No. 299329
Proprietor

LOUIS & CO.
M. No. 299329
Chartered Accountants

INCOME AND EXPENDITURE ACCOUNT FOR THE YEAR ENDED 31.03.2014

EXPENDITURE	Rs. Ps.	INCOME	Rs. Ps.
<i>To College Expenses:</i>		<i>By College Income:</i>	
Maintenance Expenses of		Fee Collection	22487185 00
College (Schedule No.2)	24807589.08	Other Income	
" <i>Miscellaneous Payments</i>		(Schedule No.1)	5397238 00
Bank Charges	924 50		27884421 00
" Depreciation	1303755.07	" <i>Interest Received:</i>	
" Excess of Income over Expenditure	5034866.37	Bank Interest	171623 00
		F.D. Interest	198037 00
		Accrued Interest on F.D.	2695024 00
	30947105 00		30947105 00

[illegible]

ANNAI VELANKANNI COLLEGE ADMINISTRATIVE SOCIETY
ANNAI VELANKANNI COLLEGE PREMISES
NO - 17 -14 J, THOLAYAVATTAM (P.O) KILLIYDOOR VILLAGE,
VILAVANCODE TALUK, KANYAKUMARI DISTRICT.

RECEIPTS AND PAYMENTS ACCOUNT FOR THE YEAR ENDED 31.03.2014

RECEIPTS	Rs. Ps.	PAYMENTS	Rs. Ps.
To Opening Balance:		By College Expenses:	
Cash in Hand	26154.74	Maintenance Expenses of	
Cash at Bank	6969717.34	College (Schedule No.2)	24607559.06
	<u>6995872.08</u>	* Capital Expenditure:	
* College Income:		Lab Equipments	51035.00
Fee Collection	22487185.00	UPS	30100.00
Other Income		Computer	438300.00
(Schedule No.1)	5397236.00	Batteries (Computer)	99000.00
	<u>27884421.00</u>	Sewing Machine	13020.00
* Miscellaneous Receipts		Water Purifier (Aquad)	11990.00
Short Term Deposit Closing	5409514.00	Chair	3855.00
* Interest Received:		Desk, Bench	82500.00
Bank Interest	171623.00	Cupboard	93200.00
F.D. Interest	196037.00	Sound System	5895.00
		Fan	3350.00
		Xerox Machine	75000.00
		New Building	5376130.30
			<u>6285375.30</u>
		* Miscellaneous Payments	
		Fixed Deposits	2874000.00
		Bank Charges	924.50
			<u>2874924.50</u>
		* Closing Balance:	
		Cash in Hand	3897.88
		Cash at Bank	6885710.34
			<u>6889608.22</u>
	<u>40657467.08</u>		<u>40657467.08</u>



for C.A. & T.
 Chartered Accountants.

 A. Louis Mathiason, MCA.
 No. 20/2022
 Proprietor

**ANNAI VELANKANNI COLLEGE ADMINISTRATIVE SOCIETY
ANNAI VELANKANNI COLLEGE PREMISES
NO - 17 -14 J , THOLAYAVATTAM (P.O) KILLIYOOR VILLAGE,
VILAVANCODE TALUK, KANYAKUMARI DISTRICT**

SCHEDULE FORMING PART OF THE RECEIPTS AND PAYMENTS ACCOUNT AS ON 31.03.2014

SCHEDULE NO: 1

OTHER INCOME

Agri Income	65911.00
Phone	80.00
Men's Hostel Income	4212.00
Xerox Charges	19595.00
Vehicle Income	408.00
Miscellaneous	398216.00
College Bus	1842383.00
Magazine	40500.00
Fees Recovery	35030.00
Library	8703.00
Donation for Creation of Endowment	173855.00
Note Book	274730.00
Science / Lab Charges	179500.00
PTA	686340.00
News Paper	614040.00
Other Income / College Day etc.,	621845.00
Breakage	154344.00
Fine	270244.00
Graduation Day	9300.00



5397236.00

SCHEDULE NO: 2**MAINTENANCE EXPENSES OF COLLEGE:**

Provident Fund	1943153.00
Staff Salary	15278438.00
College day / Sports day	254034.73
Library	116393.00
Games	42235.00
Association / Seminar	138425.00
Science - Chemicals, Audio - Visual, Aqua Form Etc	465430.24
Magazine and Hand Book	173150.00
Campus Amenity, Sanitation, Garden, Water	93343.00
Electricity Charges	214013.00
Generator Maintenance	188334.00
Communication - Postage, Telephone, Internet, Website	69999.00
Xerox, Printing, Fax	116858.00
Vehicle Maintenance	262898.10
Legal Expenses	263100.00
Audit Fee	15901.00
Advertisement	168605.00
Seminar, Staff Meeting, Gift, Feast etc	205766.00
Hospitality	31621.50
T.A	115551.00
Exam Expenses	17612.00
Miscellaneous Expenses	134975.00
Repairs & Maintenance	368215.30
Spoken English	15200.00
Agriculture	80953.00
College Bus Maintenance	1471237.69
Graduation Day	156751.00
Approvals	26950.00
News Paper	479959.00
Course of Study	903768.00
PTA	22726.00
University Entrance & Certificate Verification Fees	92950.00
NSS, YRC, Flag Day	17639.00
Printing & Stationery	447814.50
Payment to Staff Welfare Fund A/c	213560.00
	24607559.06



ANNAI VELANKANNI COLLEGE ADMINISTRATIVE SOCIETY
ANNAI VELANKANNI COLLEGE PREMISES
NO: 17-14J, THOLAYAVATTAM (P.O), KILLIYOOR VILLAGE,
VILAVANCODE TALUK.

SCHEDULE FORMING PART OF BALANCE SHEET DETAILS OF FIXED ASSETS AS ON 31.03.2014

SCHEDULE NO : 3

Sl. No	Particulars	Balance as on 01.04.2013		Additions During the year		Deletions During the year		Total		Rate of Depreciation %	Depreciation		Balance as on 31.03.2014
		Rs. Ps	Rs. Ps	Rs. Ps	Rs. Ps	Rs. Ps	Rs. Ps	Rs. Ps	Rs. Ps		Rs. Ps	Rs. Ps	Rs. Ps
1	Land	1819363.00						1819363.00		-			1819363.00
2	Buildings	7595184.70						7595184.70		5%	379759.24		7215425.47
3	Library Building (Under Construction)	3605738.00		5378130.30				8983868.30		-			8983868.30
4	Lab Equipments	1121719.93		51035.00				1172754.93		15%	175913.24		996841.69
5	Furniture & Fittings	351935.24						351935.24		10%	35193.52		316741.72
6	Computers	896341.07		438300.00				1334641.07		15%	200196.16		1134444.91
7	Statue	100000.00						100000.00		-			100000.00
8	Mahindra Jeep (Diesel)	18450.88						18450.88		15%	2767.63		15683.25
9	Basket Ball Court	40116.58						40116.58		5%	2005.83		38110.75
10	Generator	1402.48						1402.48		15%	210.37		1192.11
11	Television	1077.06						1077.06		15%	161.56		915.50
12	Mike set	1001.32						1001.32		15%	150.20		851.12
13	Refrigerator	6286.93						6286.93		15%	943.04		5343.89
14	Typewriter	436.84						436.84		15%	65.53		371.31
15	Cycle	70.11						70.11		15%	10.52		59.59
16	Well	44905.27						44905.27		5%	2245.26		42660.01
17	Motor	456.15						456.15		15%	68.42		387.73



18	Borewell	31221.72	-	-	31221.72	5%	1561.09	29660.63
19	Xerox Machine	39519.43	-	75000.00	114519.43	15%	17177.91	97341.52
20	Air Conditioner	5498.78	-	-	5498.78	15%	824.82	4673.96
21	Tables	17070.44	-	-	17070.44	10%	1707.04	15363.40
22	Stabilizer	3946.16	-	-	3946.16	15%	591.92	3354.24
23	Fans	20972.40	-	3350.00	24322.40	10%	2432.24	21890.16
24	Library Books	30756.67	-	-	30756.67	10%	3075.67	27681.00
25	Equipments	3906.86	-	-	3906.86	15%	586.03	3320.83
26	Stencil Machine	4751.55	-	-	4751.55	15%	712.73	4038.82
27	Mathapuram Land Fencing	124524.69	-	-	124524.69	5%	6226.23	118298.46
28	Educational Instruments	1539023.71	-	-	1539023.71	-	-	1539023.71
29	Water Purifier	6761.15	-	11990.00	18771.15	15%	2815.67	15955.48
30	Chair	21506.88	-	3865.00	25361.88	15%	3804.25	21557.41
31	Fax	5261.82	-	-	5261.82	15%	789.27	4472.55
32	New Car - Ambassador	376774.90	-	-	376774.90	15%	56516.24	320258.67
33	Bus	2367196.45	-	-	2367196.45	15%	355079.47	2012116.98
34	Notice Board	11352.15	-	-	11352.15	10%	1135.22	10216.94
35	Printer	55250.00	-	-	55250.00	15%	8287.50	46962.50
36	Stone Roller	6460.00	-	-	6460.00	15%	969.00	5491.00
37	UPS	-	-	30100.00	30100.00	15%	4515.00	25585.00
38	Batteries (Computer)	-	-	99000.00	99000.00	15%	14850.00	84150.00
39	Sewing Machine	-	-	13020.00	13020.00	15%	1953.00	11067.00
40	Desk / Bench	-	-	82500.00	82500.00	10%	8250.00	74250.00
41	Cupboard	-	-	93200.00	93200.00	10%	9320.00	83880.00
42	Sound System	-	-	5895.00	5895.00	15%	884.25	5010.75
		20276261.10	5285375.30	-	26561636.40		1303755.07	25257881.33

11

ANNAI VELANKANNI COLLEGE ADMINISTRATIVE SOCIETY
ANNAI VELANKANNI COLLEGE PREMISES
NO - 17 -14 J , THOLAYAVATTAM (P.O) KILLIYOOR VILLAGE,
VILAVANCODE TALUK, KANYAKUMARI DISTRICT.

DETAILS OF FIXED DEPOSITS AS ON 31.03.2014

SCHEDULE NO: 4

Sl. No	Name of the Bank	Fixed Deposit Receipts No	Fixed Deposit as on 31.03.2013	Fixed Deposit as on 31.03.2014	Maturity Date
1	Indian Bank, Nagercoil	F.D. 431625138	400000.00	—	07.07.2013
2	Union Bank of India, Marthandam	F.D. 336203020000121	500000.00	500000.00	13.09.2022
3	Mulagumoodu Vicariate Benefit Fund Ltd.,	F.D. R. 2086	50000.00	—	12.12.2013
4	S B T Irenipuram	FD 67015373071	150000.00	150000.00	25.07.2016
5	S B T Irenipuram	FD 67015372103	100000.00	100000.00	25.07.2016
6	S B T Irenipuram	FD 67065544438	300000.00	—	12.08.2013
7	S B T Irenipuram	FD 67140569660	4324933.00	—	21.10.2013
8	S B T Irenipuram	FD 67141371863	258882.00	—	31.10.2013
9	S B T Irenipuram	FD 67141371794	131053.00	—	31.10.2013
10	S B T Irenipuram	FD 67159608679	300000.00	300000.00	27.09.2014
11	I.O.B. Mangarai	F.D. 411300002	150000.00	150000.00	25.02.2015
12	I.O.B. Mangarai	F.D. 410400007	400000.00	400000.00	09.11.2014
13	I.O.B. Mangarai	F.D. 510500086	839524.00	839524.00	22.07.2015
14	I.O.B. Mangarai	FD 074404511100035	2082094.00	—	16.08.2013
15	I.O.B. Mangarai	F.D. 511000143	179647.00	—	23.07.2013
16	I.O.B. Mangarai	F.D. 511100201	11564.00	12640.00	12.08.2016
17	I.O.B. Mangarai	F.D. 511100250	11370.00	12426.00	21.10.2016
18	I.O.B. Mangarai	F.D. 511200163	6438.00	—	06.09.2013
19	I.O.B. Mangarai	F.D. 511200161	6438.00	—	06.09.2013
20	I.O.B. Mangarai	F.D. 511200162	6365.00	—	06.09.2013
21	I.O.B. Mangarai	F.D. 511200160	634457.00	—	07.09.2013
22	I.O.B. Mangarai	F.D. 511200142	1493359.00	—	10.08.2013
23	I.O.B. Mangarai	F.D. 511200123	2137633.00	—	26.07.2013
24	I.O.B. Mangarai	F.D. 511200090	6244488.00	—	21.06.2013



25	I.O.B. Mangarai	F.D. 511200129	1431397.00	—	02.08.2013
26	I.O.B. Mangarai	F.D. 211300001	12000.00	12000.00	22.07.2023
27	Indian Bank, Nagercoil	F.D. 431625138	—	400000.00	07.07.2014
28	S.B.T. Irenipuram	FD 67065544438	—	442560.00	12.08.2018
29	S.B.T. Irenipuram	FD 67141371863	—	315666.00	27.07.2016
30	S.B.T. Irenipuram	FD 67141371794	—	159921.00	27.07.2016
31	S.B.T. Irenipuram	FD 67236117886	—	50000.00	29.07.2023
32	S.B.T. Irenipuram	FD 67236123733	—	50000.00	29.07.2023
33	S.B.T. Irenipuram	FD 67236122468	—	300000.00	29.07.2023
34	S.B.T. Irenipuram	FD 67236122616	—	200000.00	29.07.2023
35	Mulagumoodu Vicariate				
	Benefit Fund Ltd.,	FD 3507	—	50000.00	13.12.2015
36	Mulagumoodu Vicariate				
	Benefit Fund Ltd.,	FD 3574	—	25000.00	05.01.2016
37	I.O.B. Mangarai	FD 511300127	—	6829405.00	21.06.2014
38	I.O.B. Mangarai	FD 511300180	—	1563915.00	02.08.2014
39	I.O.B. Mangarai	FD 511300197	—	1632615.00	13.08.2014
40	I.O.B. Mangarai	FD 511300202	—	2278007.00	19.08.2014
41	I.O.B. Mangarai	FD 511300222	—	6966.00	06.09.2014
42	I.O.B. Mangarai	FD 511300220	—	7046.00	06.09.2014
43	I.O.B. Mangarai	FD 511300221	—	7046.00	06.09.2014
44	I.O.B. Mangarai	FD 511300219	—	694245.00	07.09.2014
45	I.O.B. Mangarai	FD 511300030	—	2325310.00	08.12.2016
46	I.O.B. Mangarai	FD 511300303	—	2054076.00	14.12.2016
47	I.O.B. Mangarai	FD 511300167	—	194910.00	23.07.2023
48	I.O.B. Mangarai	FD 511300209	—	105376.00	31.08.2023
49	I.O.B. Mangarai	FD 511300107	—	16182.00	23.05.2023
50	I.O.B. Mangarai	FD 511300171	—	12753.00	24.07.2023
51	I.O.B. Mangarai	FD 511300172	—	12753.00	24.07.2023
52	I.O.B. Mangarai	FD 511300224	—	10507.00	12.09.2023
53	I.O.B. Mangarai	FD 411400006	—	100000.00	17.03.2024



22181342.00 22320852.00



Louis & Co.,
Chartered Accountants

AUDIT REPORT

We have examined the Balance Sheet of the ANNAI VELANKANNI COLLEGE ADMINISTRATIVE SOCIETY, Annai Velankanni College Premises, No: 17 - 14J, Tholayavattam (P.O), Killiyoor Village, Vilavancode Taluk, Kanyakumari District - 629 157 as at 31.03.2015 and the Income and Expenditure Account for the year ended 31.03.2015 on that date which are in agreement with the books of accounts maintained by the said Institution.

We have obtained all the information and explanations which to the best of our knowledge and belief were necessary for the purpose of the audit.

In our opinion and to the best of our information and according to the explanation given to us, the said accounts give a true and fair view :-

- i) In the case of the Balance Sheet of the State of affairs of the above named Institution as at 31.03.2015.
- ii) In the case of Income and Expenditure account of its accounting year ended 31.03.2015.

NAGERCOIL,
18.04.2015.

V.S. Building, Second Floor, 78A, Court Road, Nagercoil - 629 001 Phone: 04652-236043

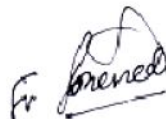
**ANNAI VELANKANNI COLLEGE ADMINISTRATIVE SOCIETY
ANNAI VELANKANNI COLLEGE PREMISES
NO - 17 -14 J , THOLAYAVATTAM (P.O) KILLIYOOR VILLAGE,
VILAVANCODE TALUK, KANYAKUMARI DISTRICT**

BALANCE SHEET AS ON 31.03.2015

LIABILITIES	Rs. Ps.	ASSETS	Rs. Ps.
General Fund:		Fixed Assets:	
Balance of Capital	38082735.06	(As per Schedule No.5)	26629012.57
Add: Excess of Income		Gas Deposit:	
over Expenditure	4384291.31	(As per Last Balance Sheet)	4450.00
	<u>42467026.37</u>	EB Deposit:	
Building Fund:		(As per Last B/S)	104342.00
Friends of Kottar		Fixed Deposits:	
(As per Last Balance Sheet)	16494398.49	(As per Schedule No.6)	24333758.00
Staff Welfare Fund	305353.00	Closing Balance:	
		Cash in Hand	21296.95
		Cash at Bank	7868565.34
			<u>7889862.29</u>
		Staff Welfare Fund	
		Cash at Bank	
		I.Q.B. Mangarai	305353.00
	<u>59266777.86</u>		<u>59266777.86</u>

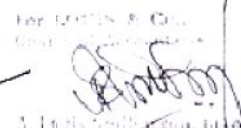
NAGERCOIL,
18.04.2015.

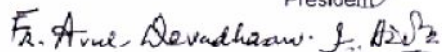

President


Secretary

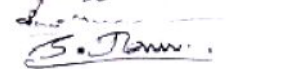

Treasurer

Per my Report Annexed


For MATHAN P. GILL
Proprietor


F.R. Anil Devadhaan

V. DOMINIC XAVIER
D. Alex Johnson Paul
D. Stanislas
S. Stephen Jose.
R. Manikandan


F.R. John K. Lata

S. Jagan

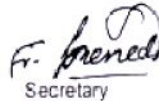
ANNAI VELANKANNI COLLEGE ADMINISTRATIVE SOCIETY
ANNAI VELANKANNI COLLEGE PREMISES
NO - 17 - 14 J , THOLAYAVATTAM (P.O) KILLIYOOR VILLAGE,
VILAVANCODE TALUK, KANYAKUMARI DISTRICT

INCOME AND EXPENDITURE ACCOUNT FOR THE YEAR ENDED 31.03.2015

EXPENDITURE	Rs. Ps.	INCOME	Rs. Ps.
To College Expenses:		By College Income:	
Maintenance Expenses of		Fee Collection	25660485.00
College (Schedule No:2)	29035680.93	Other Income	
" Miscellaneous Payments		(Schedule No:1)	7017721.00
Bank Charges	620.00		<u>32678206.00</u>
" Depreciation	1432383.76	" Interest Received:	
" Excess of Income over Expenditure	4384291.31	Bank Interest	321679.00
		Short Term Deposit Interest	36151.00
		F. D. Interest	54034.00
		Accrued Interest on FD	1762906.00
	<u>34852976.00</u>		<u>34852976.00</u>

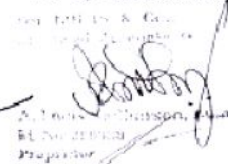
NAGERCOIL,
18.04.2015


President


Secretary


Treasurer

Per my Report Annexed


Proprietor

J. Arue Devadhasan. J. D.D.

FR. L. John Kullande! Fr. Jim Kullande

V. DOMINIC XAVIER

B. Alan Thomas Paul

B. Stanislas

S. Stephen Dore.

A. Mariadhas

ANNAI VELANKANNI COLLEGE ADMINISTRATIVE SOCIETY
ANNAI VELANKANNI COLLEGE PREMISES
NO - 17 -14 J , THOLAYAVATTAM (P.O) KILLIYOOR VILLAGE,
VILAVANCODE TALUK, KANYAKUMARI DISTRICT

RECEIPTS AND PAYMENTS ACCOUNT FOR THE YEAR ENDED 31.03.2015

RECEIPTS	Rs. Ps.	PAYMENTS	Rs. Ps.
To Opening Balance:		By College Expenses:	
Cash in Hand	3897.88	Maintenance Expenses of	
Cash at Bank	6885710.34	College (Schedule No 2)	29035680.93
	<u>6889608.22</u>	Capital Expenditure:	
" College Income:		Lab Equipments	203290.00
Fee Collection	25660485.00	Computer	106150.00
Other Income		Chair	10950.00
(Schedule No.1)	7017721.00	Mike	15000.00
	<u>32678206.00</u>	Steel Rack & Beareu	72000.00
" Miscellaneous Receipts		Sound System	2920.00
Short Term Deposit Closing	2036151.00	Fan	12600.00
" Interest Received:		New Building	919605.00
Bank Interest	321679.00	Bus	1461000.00
F.D. Interest	54034.00		<u>2803515.00</u>
		" Miscellaneous Payments	
		Fixed Deposits	250000.00
		Short Term Deposit	2000000.00
		Bank Charges	620.00
			<u>2250620.00</u>
		" Closing Balance:	
		Cash in Hand	21296.95
		Cash at Bank	7868565.34
			<u>7889862.29</u>
	<u>41979678.22</u>		<u>41979678.22</u>



For Annai Velankanni College,
 Proprietor

**ANNAI VELANKANNI COLLEGE ADMINISTRATIVE SOCIETY
ANNAI VELANKANNI COLLEGE PREMISES
NO - 17 -14 J, THOLAYAVATTAM (P.O) KILLIYOOR VILLAGE,
TILAVANCODE TALUK, KANYAKUMARI DISTRICT**

SCHEDULE FORMING PART OF THE RECEIPTS AND PAYMENTS ACCOUNT AS ON 31.03.2015

SCHEDULE NO: 1

OTHER INCOME

Agri Income	53417.00
Xerox	60374.00
Jeep Rent	640.00
Miscellaneous	460306.00
College Bus	2758510.00
Magazine	19000.00
Fees Recovery	12400.00
Library	8314.00
Donation for Creation of Endowment	12000.00
Note Book	295870.00
Science / Lab Charges	48000.00
PTA	1364911.00
News Paper	690180.00
Breakage	139440.00
Fine	239944.00
Graduation Day	176000.00
College Day etc	678415.00
	7017721.00



SCHEDULE NO: 2**MAINTENANCE EXPENSES OF COLLEGE:**

Provident Fund	2972662.00
Staff Salary	17280417.00
College day / Sports day	263388.70
Library	129166.00
Games	71901.00
Association / Seminar	109628.00
Science - Chemicals, Audio - Visual, Aqua Form Etc	257763.21
Magazine and Hand Book	196235.00
Campus Amenity, Sanitation, Garden, Water	120172.00
Electricity Charges	247880.00
Generator Maintenance	244803.00
Communication - Postage, Telephone, Internet, Website	77610.00
Xerox, Printing, Fax	132430.00
Vehicle Maintenance	272676.00
Legal Expenses	45173.00
Audit Fee	18488.00
Advertisement	113844.00
Seminar, Staff Meeting, Gift, Feast etc	350539.00
Hospitality	18909.00
T.A	88072.47
Exam Expenses	13381.00
Miscellaneous Expenses	95795.00
Repairs & Maintenance	653172.25
Agriculture	109290.00
College Bus Maintenance	1647263.80
Graduation Day	96028.00
Approvals	70053.00
News Paper	723018.00
Course of Study	1486370.00
PTA	33500.00
University Entrance & Certificate Verification Fees	115500.00
NSS, YRC, Flag Day	21142.00
Printing & Stationery	601125.50
Payment to Staff Welfare Fund A/c	248841.00
Gifts	49400.00
Fine Arts	60044.00
	29035680.93

ANNAI VELANKANNI COLLEGE ADMINISTRATIVE SOCIETY
ANNAI VELANKANNI COLLEGE PREMISES
NO: 17-14, THOLAYAVATTAM (P.O.), KILLIVOOR VILLAGE,
VILAVANCODE TALUK

SCHEDULE FORMING PART OF BALANCE SHEET DETAILS OF FIXED ASSETS AS ON 31.03.2015

SCHEDULE NO: 3

Sl. No	Particulars	Balance as on 01.04.2014 Rs. Ps.	Additions During the year Rs. Ps.	Deletions During the year Rs. Ps.	Total Rs. Ps.	Rate of Depreciation %	Depreciation Rs. Ps.	Balance as on 31.03.2015 Rs. Ps.
1	Land	1819363.00	-	-	1819363.00	-	-	1819363.00
2	Buildings	7215425.47	-	-	7215425.47	5%	360771.27	6854654.20
3	Library Building (Under Construction)	8983868.30	919605.00	-	9903473.30	-	-	9903473.30
4	Lab Equipments	996841.69	203290.00	-	1200131.69	15%	180019.75	1020111.94
5	Furniture & Fittings	316741.72	-	-	316741.72	10%	31674.17	285067.55
6	Computers	1134444.91	106150.00	-	1240594.91	15%	186089.24	1054505.67
7	Statue	100000.00	-	-	100000.00	-	-	100000.00
8	Mahindra Jeep (Diesel)	15683.25	-	-	15683.25	15%	2352.49	13330.76
9	Basket Ball Court	36110.75	-	-	36110.75	5%	1905.54	36205.21
10	Generator	1192.11	-	-	1192.11	15%	178.82	1013.29
11	Television	915.50	-	-	915.50	15%	137.33	778.18
12	Mike set	851.12	15000.00	-	15851.12	15%	2377.67	13473.45
13	Refrigerator	5343.89	-	-	5343.89	15%	801.58	4542.31
14	Typewriter	371.31	-	-	371.31	15%	55.70	315.61
15	Cycle	59.59	-	-	59.59	15%	8.94	50.65
16	Well	42660.01	-	-	42660.01	5%	2133.00	40527.01
17	Motor	387.73	-	-	387.73	15%	58.16	329.57

18	Borewell	29660.63	-	-	29660.63	5%	1483.03	28177.60
19	Xerox Machine	97341.52	-	-	97341.52	15%	14601.23	82740.29
20	Air Conditioner	4673.96	-	-	4673.96	15%	701.09	3972.87
21	Tables	15363.40	-	-	15363.40	10%	1536.34	13827.06
22	Stabilizer	3354.24	-	-	3354.24	15%	503.14	2851.10
23	Fans	21890.16	12600.00	-	34490.16	10%	3449.02	31041.14
24	Library Books	27681.00	-	-	27681.00	10%	2768.10	24912.90
25	Equipments	3320.83	-	-	3320.83	15%	498.12	2822.71
26	Stencil Machine	4038.82	-	-	4038.82	15%	605.82	3433.00
27	Mathapuram Land Fencing	118298.45	-	-	118298.45	5%	5914.92	112383.53
28	Educational Instruments	1539023.70	-	-	1539023.70	-	-	1539023.70
29	Water Purifier	15955.48	-	-	15955.48	15%	2393.32	13562.16
30	Chair	21557.41	10950.00	-	32507.41	15%	4876.11	27631.30
31	Fax	4472.55	-	-	4472.55	15%	670.88	3801.67
32	New Car - Ambassador	320258.67	-	-	320258.67	15%	48038.80	272219.87
33	Bus	2012116.98	1461000.00	-	3473116.98	15%	520967.55	2952149.43
34	Notice Board	10216.93	-	-	10216.93	10%	1021.69	9195.24
35	Printer	46962.50	-	-	46962.50	15%	7044.38	39918.13
36	Stone Roller	5491.00	-	-	5491.00	15%	823.65	4667.35
37	UPS	25585.00	-	-	25585.00	15%	3837.75	21747.25
38	Batteries (Computer)	84150.00	-	-	84150.00	15%	12622.50	71527.50
39	Sewing Machine	11067.00	-	-	11067.00	15%	1660.05	9406.95
40	Desk / Bench	74250.00	-	-	74250.00	10%	7425.00	66825.00
41	Cupboard	83880.00	-	-	83880.00	10%	8388.00	75492.00
42	Sound System	5010.75	2920.00	-	7930.75	15%	1189.61	6741.14
43	Steel Rack & bureau	-	72000.00	-	72000.00	15%	10800.00	61200.00
		25257881.33	2803515.00	-	28061396.33		1432383.76	26629012.57

ANNAI VELANKANNI COLLEGE ADMINISTRATIVE SOCIETY
ANNAI VELANKANNI COLLEGE PREMISES
NO - 17 -14 J , THOLAYAVATTAM (P.O) KILLIYOOR VILLAGE,
VILAVANCODE TALUK, KANYAKUMARI DISTRICT

DETAILS OF FIXED DEPOSITS AS ON 31.03.2015

SCHEDULE NO: 4

Sl. No	Name of the Bank	Fixed Deposit Receipts No	Fixed Deposit as on 31.03.2014	Fixed Deposit as on 31.03.2015	Maturity Date
1	Union Bank of India, Marthandam	F.D 3362030200000121	500000.00	500000.00	13.09.2022
2	S B T Irenipuram	F.D. 67015373071	150000.00	150000.00	25.07.2016
3	S B T Irenipuram	F.D. 67015372103	100000.00	100000.00	25.07.2016
4	S B T Irenipuram	FD 67159608679	300000.00	—	27.09.2014
5	I.O.B. Mangarai	F.D. 411300002	150000.00	—	25.02.2015
6	I.O.B. Mangarai	F.D. 410400007	400000.00	—	09.11.2014
7	I.O.B. Mangarai	F.D. 510900086	839524.00	839524.00	22.07.2015
8	I.O.B. Mangarai	F.D. 511100201	12640.00	13816.00	12.08.2016
9	I.O.B. Mangarai	F.D. 511100250	12428.00	13585.00	21.10.2016
10	I.O.B. Mangarai	F.D. 211300001	12000.00	12000.00	22.01.2023
11	Indian Bank, Nagercoil	F.D. 431625138	400000.00	—	07.07.2014
12	S B T Irenipuram	FD 67066544438	442560.00	442560.00	12.08.2018
13	S B T Irenipuram	FD 67141371863	315666.00	315666.00	27.07.2016
14	S B T Irenipuram	FD 67141371794	159921.00	159921.00	27.07.2016
15	S B T Irenipuram	FD 67236117866	50000.00	50000.00	29.07.2023
16	S B T Irenipuram	FD 67236123733	50000.00	50000.00	29.07.2023
17	S B T Irenipuram	FD 67236122468	300000.00	300000.00	29.07.2023
18	S B T Irenipuram	FD 67236122616	200000.00	200000.00	29.07.2023
19	Mulagumoodu Vicariate Benefit Fund Ltd.,	FD 3507	50000.00	50000.00	13.12.2015
20	Mulagumoodu Vicariate Benefit Fund Ltd.,	FD 3574	25000.00	25000.00	05.01.2016
21	I.O.B. Mangarai	FD 511300127	6829406.00	—	21.06.2014
22	I.O.B. Mangarai	FD 511300180	1563915.00	—	02.08.2014
23	I.O.B. Mangarai	FD 511300197	1632615.00	—	13.08.2014
24	I.O.B. Mangarai	FD 511300202	2278007.00	—	16.08.2014
25	I.O.B. Mangarai	FD 511300222	6966.00	—	06.09.2014
26	I.O.B. Mangarai	FD 511300220	7046.00	—	06.09.2014

27	I.O.B. Mangarai	FD 511300221	7046.00	—	06.09.2014
28	I.O.B. Mangarai	FD 511300219	694245.00	—	07.09.2014
29	I.O.B. Mangarai	FD 511300300	2325310.00	2541758.00	08.12.2016
30	I.O.B. Mangarai	FD 511300303	2054076.00	2245277.00	14.12.2016
31	I.O.B. Mangarai	FD 511300167	194910.00	213053.00	23.07.2023
32	I.O.B. Mangarai	FD 511300209	105376.00	115184.00	31.08.2023
33	I.O.B. Mangarai	FD 511300107	16182.00	17688.00	23.05.2023
34	I.O.B. Mangarai	FD 511300171	12753.00	13940.00	24.07.2023
35	I.O.B. Mangarai	FD 511300172	12753.00	13940.00	24.07.2023
36	I.O.B. Mangarai	FD 511300224	10507.00	11485.00	12.09.2023
37	I.O.B. Mangarai	FD 511400006	100000.00	100000.00	17.03.2024
38	I.O.B. Mangarai	FD 511400199	—	7465110.00	21.06.2015
39	I.O.B. Mangarai	FD 511400232	—	1708354.00	02.08.2015
40	I.O.B. Mangarai	FD 511400240	—	1784585.00	13.08.2015
41	I.O.B. Mangarai	FD 511400243	—	2490052.00	16.08.2015
42	I.O.B. Mangarai	FD 511400267	—	7702.00	06.09.2015
43	I.O.B. Mangarai	FD 511400268	—	7702.00	06.09.2015
44	I.O.B. Mangarai	FD 511400269	—	7615.00	06.09.2015
45	I.O.B. Mangarai	FD 511400265	—	758868.00	07.09.2015
46	I.O.B. Mangarai	FD 411400015	—	400000.00	09.11.2024
47	I.O.B. Mangarai (New FD Rs.50000)	FD 511400195	—	53517.00	27.06.2024
48	I.O.B. Mangarai (New FD Rs.50000)	FD 511400196	—	53517.00	27.06.2024
49	I.O.B. Mangarai (New FD Rs.50000)	FD 511400197	—	53517.00	27.06.2024
50	I.O.B. Mangarai (New FD Rs.100000)	FD 511400198	—	107035.00	27.06.2024
51	I.O.B. Mangarai	FD 411500002	—	151931.00	10.03.2025
52	Indian Bank, Nagercoil	FD 431625138	—	400000.00	07.07.2015
53	S B T Irenipuram	FD 67298796398	—	389796.00	09.10.2024

22320852.00 24333758.00

ANNAI VELANKANNI COLLEGE ADMINISTRATIVE SOCIETY
ANNAI VELANKANNI COLLEGE PREMISES
O - 17 -14 J, THOLAYAVATTAM (P.O) KILLIYOOR VILLAGE,
VILAVANCODE TALUK, KANYAKUMARI DISTRICT

SCHEDULE NO: 5

CLOSING BALANCES AS ON 31.03.2015

	<u>Cash in Hand</u>	<u>Cash at Bank</u>	<u>Total</u>
1 Main A/c			
I.O.B. Mangarai , A/c. No: 3571	—	7575103.18	7575103.18
S.B.T. Irenipuram, A/c. No: 67074693988	—	61129.00	61129.00
Indian Bank, Nagercoil			
A/c. No. 6092600166	—	154516.00	154516.00
2 EPF Account			
S.B.I. Karungal, A/c. No: 11231913234	—	69967.16	69967.16
3 Administrative A/c			
Cash in Hand	14643.28	—	14643.28
Cash in Suspense	5000.00	—	5000.00
4 Development A/c			
Cash in Hand	1147.97	—	1147.97
5 Vicariate Bank A/c			
A/c. No : 247	—	7850.00	7850.00
6 Capital Expenditure A/c			
Cash in Hand	505.70	—	505.70
	<u>21296.95</u>	<u>7868565.34</u>	<u>7889862.29</u>