

St. Joseph's College of Arts & Science (Autonomous)

Affiliated to Thiruvalluvar University, Vellore, Tamil Nadu

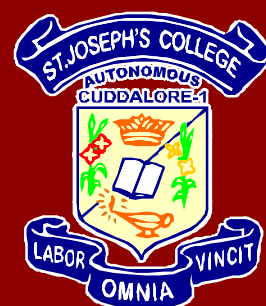
Recognised under section 2(f) & 12(B) of the UGC Act, 1956

A Christian Minority Institution

Submitted to
National Assessment and Accreditation Council
Bengaluru

2016

St. Joseph's College Road, Manjakuppam,
Cuddalore - 607 001, Tamil Nadu.
www.sjctnc.edu.in | josecol27998@gmail.com



ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE
(Autonomous)
Cuddalore - 607 001.

(A Christian Minority Institution)

Affiliated to Thiruvalluvar University, Vellore, Tamil Nadu
Recognised under section 2(f) & 12(B) of the UGC Act, 1956



SELF STUDY REPORT

Submitted to

National Assessment and Accreditation Council
Bengaluru

2016

INTERNAL QUALITY ASSURANCE CELL

Chairman

Rev. Fr. G. Peter Rajendiram

Secretary

St. Joseph's College of Arts & Science (Autonomous)

Cuddalore - 1.

Vice-Chairman

Dr. S. Chinnappan

Principal

St. Joseph's College of Arts & Science (Autonomous)

Cuddalore - 1.

Members

Prof. M. Arumai Selvam

Vice-Principal

Rev. Fr. S. Xavier

Dean of Studies

Dr. P. Marie Arockianathan

Controller of Examinations

Prof. J. Jon Arockiaraj
Head, Dept. of Mathematics

Prof. Jeyanthii Ravichandran
Dean - Shift-II

Dr. I. Savarimuthu
Head, Dept. of Commerce

Mr. L. Antoniraj
Superintendent,
Administrative Office

Rev. Fr. A. Alex
Assistant Professor
Department of Commerce

Ms. K. Rajalakshmi
II year M.Sc. Mathematics

External Members

Mr. L. Jeyachandran
Ex-MLC

Mr. P. J. X. Vedanayagam
Advocate

Prof. A. Karunanandan
Professor (Rtd.)

Coordinator - IQAC

Dr. S. Joseph Christian Daniel

Head,

Department of Microbiology

STEERING COMMITTEE

Chairman

Rev. Fr. G. Peter Rajendiram

Secretary

St. Joseph's College of Arts & Science (Autonomous)

Cuddalore - 1.

Vice-Chairman

Dr. S. Chinnappan

Principal

St. Joseph's College of Arts & Science (Autonomous)

Cuddalore - 1.

Members

Mr. M. Arumai Selvam

Vice-Principal

Rev. Fr. M. S. Xavier

Dean of Studies

Mr. A. John Pradeep Ebenezer

Head,

Department of Computer Applications

Mr. I. Benjamin Franklin

Assistant Professor,

Department of Computer Applications

Mr. F. Paul Arokiadoss

Assistant Professor, Department of Chemistry

Dr. S. Sebastian

Assistant Professor, Department of Physics

Mrs. P. Poonguzhali

Assistant Professor,

Department of Microbiology

Co-ordinator

Dr. S. Joseph Christian Daniel

Head, Department of Microbiology &

Co-ordinator-IQAC

CONTENTS

Sl. No.	Particulars	Page No.
1	A. Preface	i
2	B. Executive Summary	1
	SWOC of the Institution	9
3	C. Profile of the Institution	11
4	D. Criteria-wise analytical report	
	Criterion I: Curricular Aspects	25
	Criterion II: Teaching-Learning and Evaluation	35
	Criterion III: Research, Consultancy and Extension	61
	Criterion IV: Infrastructure and Learning Resources	106
	Criterion V: Student Support and Progression	120
	Criterion VI: Governance, Leadership and Management	152
	Criterion VII: Innovation and Best Practices	170
5	Evaluative Report of the Departments	
	Mathematics	181
	Physics	193
	Chemistry	211
	Computer Science	221
	Computer Applications	237
	Biochemistry	254
	Microbiology	270
	Statistics	285
	Zoology	292
	Psychology	300
	Commerce	307
	English	325
	Tamil	337
	History	344

CONTENTS

Sl. No.	Particulars	Page No.
	Social Work	353
	Economics	365
6	Post-accreditation Initiatives	372
7	Declaration by the Head of the Institution	374
8	Annexure	
	Affiliation Certificate by Thiruvalluvar University, Vellore	375
	Inclusion u/s 2(f) by UGC	376
	Inclusion u/s 12(B) by UGC	377
	Minority Educational Institution – Certificate by NCMEI, New Delhi	378
	NAAC Accreditation Certificate: Cycle – 1	379
	NAAC Accreditation Certificate: Cycle – 2	380

PREFACE

St. Joseph's College of Arts & Science, one of the prestigious colleges in the district of Cuddalore, was established to provide quality education to the students from socially, economically weaker sections of the society.

Though it was established as a minority educational institution by the Paris Christian Missionaries, it caters to the needy people irrespective of caste and religion. Started with a student strength of 190 and a staff strength of 15, presently the institution has grown enormously to have a student strength of about 5600 and 240 staff members. This has been made possible by the dedicated management and hard work of the staff members, as it fits the coat of arms of the college **Labor Omnia Vincit** (Hard work conquers all).

Having served for twenty five years in the field of higher education, the institution has developed many innovative strategies to make the students not only self-reliant but also responsible citizens of the country. In its march towards excellence in quality, the institution has made many successful, thriving and booming endeavours which have to be assessed and accredited. We hope that the outcome of this exercise, the Third Cycle of Accreditation, will add one more feather to the already colourful cap in the Silver Jubilee Year of the institution.

The Management expresses its gratitude to all the stakeholders of the institution and specially appreciates the Steering Committee for the meticulous preparation of the Self Study Report.

Rev. Fr. G. Peter Rajendiram

Secretary

St. Joseph's College of Arts & Science (Autonomous)
Cuddalore – 1.

ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS) CUDDALORE - 607 001

EXECUTIVE SUMMARY

PREAMBLE

St. Joseph's College is a legacy of the 19th century, handed down to the present management by the venerable fathers of the "Society of the Foreign Mission of Paris" (Mission Etrangere de Paris, shortly MEP). Its nucleus was the St. Joseph's High School which was started 148 years ago in 1868 A.D. This school was elevated into a college in 1884 A.D. through the efforts of Reverend Father Tarbes MEP and was affiliated to the University of Madras. The District Gazetteer, South Arcot District has recorded St. Joseph's College as the prime educational institution and the only college in the district in the 19th century. It once again reverted as a High School in 1909 due to financial and other constraints. Since then there were several attempts to revive the College. The dream became a reality when the college was reborn as **ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE** in 1991. The college was affiliated to the University of Madras from August 1991 to October 2002 and later the College has been affiliated to Thiruvalluvar University, Vellore.

The College was included under section 2(f) of UGC Act 1956 on 4th November, 2004 and under section 12(B) on 28th August 2015. The College obtained permanent affiliation on 7th March 2008 and was conferred Autonomous Status on 17th June 2008. The college has been re-accredited by NAAC with 'A' Grade since 16th September 2011.

The institution offers 11 Under Graduate Programmes, 11 Post Graduate Programmes, 9 M.Phil. Programmes and 3 Ph.D. Programmes. The college operates under shift system. In UG Shift - I is for boy students and Shift - II is for girl students. All PG and M.Phil. courses are co-educational. The total strength of the teaching faculty of the institution is 177 and that of non-teaching is 63. The total number of students studying in the college is 5592 of which 2222 are male and 3370 are female.

CRITERION I: CURRICULAR ASPECTS

St. Joseph's College was given autonomy in the year 2008. Since then the college has taken strenuous efforts to provide quality education through its innovative and dynamic curriculum. The basis for the development of curriculum is the need

Executive Summary

assessment and was designed to satisfy the needs of the stakeholders and goals of the institution. The process was mediated by the *Curriculum Development Committee*, the *Board of Studies* and the *Academic Council* in which apart from subject experts, representatives from industry and research bodies are included as members. The curriculum has been meticulously prepared to make the students excel in knowledge and skill and become employable. It is being ensured that the curriculum is innovative, research oriented and addresses the needs of the society.

The curriculum follows *Choice Based Credit System* which has academic flexibility as the core substance and is executed to the maximum possible level. The choices are many for the students in the allied and the elective subjects.

To provide a wholesome education to the students and to make them realize their social responsibilities, participation in extra-curricular activities and extension activities are brought into the curriculum. Participation in these activities is mandatory for the completion of the course and two credits are given in the UG curriculum. In addition to the core and allied subjects, *Value Education* and *Personality Development* are included in the UG curriculum to build the character of the student community. To promote skill development *skill based subjects* are taught in UG second year which are mostly *interdisciplinary in nature*. Environmental Science for UG programme and Human Rights for PG programme are offered as per the regulations of UGC.

A rigorous process of review of the curriculum is done annually through feedback from the stakeholders and through academic audit once in three years.

CRITERION II: TEACHING-LEARNING AND EVALUATION

The *admission process of the college is transparent* and the information about the institution and the available courses are publicized through regional newspaper, college website and prospectus. The norms laid down by the state government are followed and preference in admission is given to deserving candidates from socially and economically weaker sections, women, sports persons and persons with disabilities. There is a steady increase in the number of courses offered and in the number of students admitted. The college admits students from diverse background and their needs also vary. The differences in requirements of the students are identified and the teaching-learning activities are designed accordingly. *Orientation Programme for the freshers*, *Bridge Course* in selected subjects, *Remedial Classes* for the *slow learners* and *special coaching* for the *advanced learners* are some of the special features in this category.

Executive Summary

All academic and co-curricular activities of the institution are properly planned and executed meticulously. *Academic calendar* and teaching plans are prepared to complete the activities in a timely manner. The *learning is made student centric* and ICT tools are effectively used in teaching and learning. Internet facilities are made available in the campus so as to facilitate e-learning. Subject experts and people of eminence from distant and near institutions are invited to share their knowledge and expertise through lectures and seminars. The teaching process and the co-curricular / extra-curricular activities are planned to nurture creativity and inculcate scientific temper. The institution gets feedback from the students on teaching and learning through feedback questionnaire, student forum and interaction with students.

Academically qualified and talented teachers are appointed who equip themselves by attending seminars, conferences and workshops. All the newly appointed staff members are either with Ph.D. or NET/SET qualified and the staff members who were appointed earlier have completed their Ph.D. or on the verge of completion. The total number of staff members with Ph.D. is 31 and those who have cleared NET/SET is 13. Staff development programme on various themes of higher education are conducted regularly by the institution.

The evaluation process of the college is made known to all the stakeholders and continuously refined and reformed to make the autonomous status of the college accountable. Continuous Internal Assessment (CIA) of the students is given due importance to improve their performance. The CIA of the students are monitored and assessed through diverse components decided by the faculty. The examination process carried out by the *Office of the Controller of Examinations is fully computerized* and the exam results are published on time. Grievances of the students related to evaluation are redressed as per the norms. Provisions for *re-valuation* and *instant examination* for the final year candidates who fail in only one paper are salient features of redressal.

The students' performance and the learning outcomes are assessed regularly to plan strategies for better performance.

CRITERION III: RESEARCH, CONSULTANCY AND EXTENSION

Having established itself in academics, the institution turns its focus towards research. Two committees have been established to take care of research – *Research Committee* and *Apex Research Committee*. These committees develop policies on research related activities and monitor the execution and progress. Research culture is promoted by way of upgrading the laboratories, organizing seminars and workshops on research. The *Research Development Cell (RDC)* promotes and facilitates research

Executive Summary

projects in the institution by distributing the circulars, providing details of projects, etc. Thrust areas for research are identified in each department to carry out projects and interdisciplinary research is encouraged. A few of the PG and M.Phil. projects include interdisciplinary work as a component. The college has been granted 12(B) status which is a boon in promoting research. Seminars, conferences and workshops are regularly conducted by all the departments with eminent resource persons.

The departments are constantly upgraded to research departments to offer M.Phil. and Ph.D. programmes. There are 9 departments which offer M.Phil. programmes and 3 departments offer Ph.D. programmes. Thirty six staff members have been recognized by the university to guide M.Phil. scholars and 82 staff members are guiding PG projects.

There is provision in the annual budget for spending on research. Some of the research projects carried out at the departmental level is financially supported by the management. Necessary instruments and infrastructure are made available and upgraded for research courses as and when required. Four research laboratories and two centres have been established to facilitate research. *Common Instrumentation Centre* and *Quantum Computational Research Laboratory* are the notable additions which cater not only to the institution but also to the scholars and researchers of other institutions. A total of 556 papers have been published and 565 papers have been presented by the faculty. Several papers have also been published / presented from the research work by M.Phil. scholars. The college publishes a research journal entitled *St. Joseph's Journal of Humanities and Science*. Staff members of the institution have written chapters in books and also edited books. Some of them are reviewers in national and international journals.

The institution is taking necessary steps to promote consultancy and there are MoUs for providing consultancy to external agencies. To fulfill the social responsibility of the institution, ten social service organizations are functioning in the college in which students can enroll themselves and do social service. In addition, subjectwise department associations also carryout community projects and charity work. The college has received *Best Blood Donating College Award* for the past five years consecutively. Extension activity is made compulsory for the students and has been included in the curriculum.

Collaboration with other national and international institutions has been initiated successfully. A MoU has been signed between the college and the *Faculty of Science, Universiti Teknologi Malaysia, Malaysia* to promote educational and research collaboration. There is also collaboration with companies and corporate sectors to provide training and placement for the students.

CRITERION IV: INFRASTRUCTURE AND LEARNING RESOURCES

The institution is situated in a vast campus spread over an area of 21 acres and can easily be reached from the surrounding places. To accommodate the increasing number of students and staff, the infrastructure is being expanded continuously. The *Planning and Evaluation Committee* assesses the infrastructure needs of the institution and ensures that they are fulfilled. Separate hostels for men and women are available with all necessary facilities. An infirmary with a medical officer and a nursing assistant is available.

The institution provides necessary infrastructure facilities in the form of grounds and courts to promote sports and games. A *Fine Arts Club* is functioning in the college to coordinate cultural events and competitions both within and outside the institution. A separate room is given to practice for cultural events and an indoor auditorium is available for conducting cultural events.

A *Central Library* is functioning in a separate building and its activities are administered by two librarians and a *Library Advisory Committee*. Around 30,000 print books and 6,000 e-books are available in the library. Internet, reprographic and printing facilities are provided to the staff and students in the library.

Around two hundred and seventy computers, two hundred in the computer laboratory and the remaining in science laboratories and other sections, are available in the institution. The computers are maintained by the technical assistants available in the department of Computer Science and specific maintenance works are outsourced. The *entire campus is WiFi enabled* and all the computers in the campus are interconnected through *LAN facility*.

The maintenance of infrastructure in the campus is coordinated by the Works Manager and monitored by Planning and Evaluation Committee.

CRITERION V: STUDENT SUPPORT AND PROGRESSION

The institution caters to the needs of about 5592 students from diverse backgrounds. To support them in academic and personal endeavours *Mentoring System* is practiced. Students are given individual attention and their progression is regularly monitored. *Career Guidance, Counselling and Soft Skill Development Programmes* are frequently organized. *College Prospectus* and *Students' Hand Book* provide all necessary information and explain the rules and regulations of the college. Concession on fees is one of the highlights of the institution. On an average every year *730 students* have benefitted through *fees concession* which amounts to *rupees 24 lakhs per year*. Specific support services are provided to students who are

Executive Summary

physically challenged and socially / economically disadvantaged. Students who participate in sports and games and cultural events are given special coaching and training and TA/DA is also given to them for attending competitions. Special diet, uniforms and necessary materials are provided to the sports students. The *Career Guidance and Placement Cell* of the college organizes various training programmes apart from on-campus and off-campus interviews. An *Alumni Association* is effectively functioning in the institution and provide academic and placement support for the students. To address the grievances of the students the college has *Student Forum, Students Grievance Redressal Cell, Anti-ragging Committee* and *Anti-Sexual Harassment Committee*. To motivate women students *Women Empowerment Cell* is also functioning.

The success rate of students in most of the courses is in the range of seventy to eighty percent. The percentage of drop outs is very meagre. The number of students who are appearing / qualifying in competitive examinations and CSIR, UGC-NET etc. are increasing. Special coaching for civil services, UGC-CSIR-NET and other competitive examinations are given to the students.

Students of the college dominate in most of the university sports and games teams and represent at the state, national and international level. In the Thiruvalluvar University Women Football Team, almost the entire team has St. Joseph's College students as members (17 out of 20 in 2013-14, 18 out of 20 in 2014-15 and 20 out of 20 in 2015-2016). This team has won the Tamil Nadu Chief Minister's Trophy consecutively for four times, South India Inter-university Tournament three times consecutively and All India Inter-university Tournament once. The evidence for the outstanding performance of the college in sports is that the Kabaddi Team has won the championship at the divisional and inter-divisional level for twenty consecutive years.

The views of the students and their suggestions are collected through Students Forum meetings and feedback questionnaire. Students are also given chances to represent themselves in certain committees of the college.

CRITERION VI: GOVERNANCE AND LEADERSHIP

St. Joseph's College has been established with a vision to serve the society and is working towards that vision with a stated mission policy. The college being situated in a socially and economically backward area mainly gets students from poor families who seek employment immediately after studies. Hence the college is striving to provide wholesome and integral education to the students to promote employability.

Executive Summary

The management believes in decentralization as an effective means of successful administration and has constituted several committees to plan and develop strategies. Autonomy is given to the departments in academic related issues and to some extent in administrative matters. Thus participative management is ensured. A cordial relationship is maintained with the stakeholders and the management frequently interacts with them. Students Forum Meetings, Staff Meetings, Parent-Teacher-Students Meetings, lectures by researchers and representatives from industries are the means by which the institution interacts with the stakeholders.

Culture of excellence is reinforced among the staff and students by recognizing and rewarding outstanding performances. *Knowledge Management* is accomplished by facilitating the staff members to write books, publish and present papers. The institution contributes to national development by orienting the activities of service organizations like NSS, NCC, YRC, ROTARACT, etc. towards nation building. The curricular and co-curricular activities of the institution are designed to foster global competencies and to inculcate value system among students.

The Planning and Evaluation Committee of the college develops policies and strategies for the institution and prepares the prospective annual plan and future plan. The autonomous status given to the college is effectively utilized for designing a curriculum to promote employability and knowledge enrichment.

Strategies are developed for faculty empowerment and efforts are taken to develop and enhance leadership skills among the staff. Staff members with leadership qualities are duly recognized and assigned new tasks. Staff members are motivated to attend seminars, conferences and workshops on academics and research. *Performance Based Self Appraisal* is obtained from all the staff members and reviewed every year. The outcome of the appraisal is informed to the staff members for further improvement. Several staff welfare schemes are introduced and *financial support for medical expenses, concession on fees for the wards of the staff members* are some of the schemes apart from the regular ones.

The finance of the college is monitored by the *Finance Committee* of the college. The income and expenditure of the college is managed through an annual budget and the accounts are audited every year. The main source of income for the college is fees paid by the students. Establishment of *Endowment Scholarships* by philanthropists and generation of funds from funding agencies for organizing seminars and workshops are the other means. The 12(B) status attained by the college has yet to be made use of.

The college has an *Internal Quality Assurance Cell (IQAC)* functioning to promote and maintain the quality of the institution. *Academic Audit* is performed

Executive Summary

once in three years to review the curriculum, evaluation and research of the departments. *Feedback* is obtained from the stakeholders by the IQAC to sustain the quality.

CRITERION VII: INNOVATION AND BEST PRACTICES

Being one of the renowned educational institutions in the district, St. Joseph's College has introduced a few innovative practices and follows certain best practices. The commitment of the college towards *Green and Healthy Environment* is reflected in its activities. *Green Audit* of the campus is conducted once in a year. Various clubs and social service organizations available in the campus are carrying out *action oriented* as well as *Awareness Programmes on Environment*. *Tree Plantation* both within the campus and outside the campus is carried out by several departments of the college. An active *Enviro Club* is functioning in the college.

Some of the innovative practices of the college includes *Orientation Programme for the Freshers, Computer Literacy Programme, Talk On My Research, Multidisciplinary Activities by the Departmental Associations, Technical Symposium as a Learning Method, Computer based test for CIA and Publication of Text Book by the Institution.*

Common Assembly, Cash Award for Best Paper Publication, Bridge Course, Endowment Scholarships, Fees Concession, Value Education, Staff Development Programmes, Communication through SMS and E-mail to reduce paper usage and Feedback from Stakeholders are some of the best practices followed by the institution.

St. Joseph's College of Arts & Science has a rich legacy of academic excellence and is striving to retain the same in the future also. The institution believes that the present process of assessment and accreditation will prove the same.

SWOC ANALYSIS

STRENGTH

- Being an autonomous institution, there is freedom to design our own innovative curriculum.
- Being private, self-finance college filling-up vacancy in teaching and non-teaching position is relatively easy.
- Examination results are published on time.
- Having 2(f) and 12(B) status granted by the UGC.
- Outstanding performance in sports and games.
- College is known for disciplined students.
- Most of the faculty are young and energetic.
- Full enrollment in all the courses.
- Consistent development in infrastructure and other facilities.
- Dedicated team of faculty.
- Extension programme as part of the curriculum.
- Offering freeships and concession to socially / economically disadvantaged students.
- Encouraging students who excel in sports by offering concession and freeships.
- Endowment scholarship for outstanding students.

WEAKNESSES

- Most of the students from rural background lack in communication skills.
- Research outcome is not upto the mark considering the publications.
- Students are finding it difficult to clear CSIR/UGC-NET/SET exams.
- Less number of diploma and certificate courses are offered.
- Less external funding, especially for research.
- College being located away from major cities has less opportunity for organizing campus interviews.

OPPORTUNITIES

- The 12(B) status granted to the college can be utilized for receiving funds.
- Young team of staff members with Ph.D. can concentrate more on research projects.
- Having all the seats filled in all the courses, financial burden for the institution is lessened.
- Autonomous system can be made use of to introduce innovative courses/subjects.

SWOC Analysis

- More number of women students can create an opportunity to plan strategies for women empowerment.
- With the introduction of research courses focus on research projects and publication can be emphasized.
- The common instrumentation centre established can pave way for carrying out advanced research.
- More educational institutions in the surrounding can be utilized for staff exchange programmes and collaborative projects.
- Being surrounded by rural areas the college can plan and execute more outreach programmes.
- The availability of e-books and online journals can help in promoting e-learning
- Shift system can be utilized to introduce more number of add-on courses.
- Having more and diverse number of departments can be used to introduce multidisciplinary programmes.

CHALLENGES

- With the mushrooming of colleges in the surrounding, there is a risk of decline in admission.
- Majority of the students who join the institution have scored poor marks in school exams.
- Being a self-financing institution the college has more financial burden.
- Balancing teaching and research is a problem for the teachers.
- Bringing in companies for campus interview is a difficult task.
- Retaining highly qualified staff members is a problem in the self financing setup.
- The demand ratio for many courses, especially PG courses, is low which results in admitting students with less mark in the qualifying examination.
- Opportunity for the staff members to provide consultancy.
- Increasing number of students in college demands more infrastructure.
- Making the students who are poor in communication to face the interviews is a tough job.
- Enabling PG students and M.Phil. scholars to clear CSIR/UGC-NET/SET.

1. Profile of the Autonomous College

1. Name and Address of the College:

Name	ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)
Address	ST. JOSEPH'S COLLEGE ROAD, MANJAKUPPAM
City	CUDDALORE
Pin	607001
State	TAMILNADU
Website	www.sjctnc.edu.in
Email	josecol27998@gmail.com

2. For communication :

Designation	Name		
Principal	DR. S. CHINNAPPAN	Telephone with STD code	O: 04142-286311 R: +91-7598386578
		Mobile	+91-7598386578
		Fax	04142-286315
		Email	vschinnappan@gmail.com
Vice-Principal	MR. M. ARUMAI SELVAM	Telephone with STD code	O: 04142-286311 R: +91-9443260804
		Mobile	+91-9443260804
		Fax	04142-286315
		Email	arumai_selvam@yahoo.com
Steering Committee Co-ordinator	DR. S. JOSEPH CHRISTIAN DANIEL	Telephone with STD code	O: 04142-286311 R: 0413-2278421
		Mobile	+91-9443361929
		Fax	04142-286315
		Email	josephcdaniel@yahoo.com

Profile of the College

3. Status of the Autonomous College by Management.

i. Government	
ii. Private	✓
iii. Constituent College of the University	

4. Name of University to which the College is Affiliated
THIRUVALLUVAR UNIVERSITY, VELLORE

5. a. Date of establishment, prior to the grant of 'Autonomy' (dd/mm/yyyy)
22-08-1991

b. Date of grant of 'Autonomy' to the College by UGC: (dd/mm/yyyy)
24-02-2005

6. Type of Institution:

a. By Gender

i. For Men	<input type="checkbox"/>
ii. For Women	<input type="checkbox"/>
iii. Co-education	<input checked="" type="checkbox"/>

b. By Shift

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

c. Source of funding

i. Government	<input type="checkbox"/>
ii. Grant-in-aid	<input type="checkbox"/>
iii. Self-financing	<input checked="" type="checkbox"/>
iv. Any other (Please specify)	<input type="checkbox"/>

7. It is a recognized minority institution?

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

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

Religious Minority (Christian Minority Institution)

Profile of the College

8. a. Details of UGC recognition:

Under Section	Date, Month & Year (dd-mm-yyyy)	Remarks (If any)
i. 2 (f)	04-11-2004	--
ii. 12 (B)	28-08-2015	--

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

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

Under Section/clause	Day, Month and Year (dd-mm-yyyy)	Validity	Programme/ institution	Remarks
i.				
ii.	Nil			
iii.				
iv.				

(Enclose the Certificate of recognition/approval)

9. Has the college been 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 contributions / 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 :

Location *	URBAN
Campus area in sq. mts. or acres	21.31 Acres
Built up area in sq. mts.	6006.79 sq.mts.

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

Profile of the College

11. Does the College have the following facilities on the campus (Tick the available facility)? In case the College has an agreement with other agencies in using such facilities provide information on the facilities covered under the agreement.

- Auditorium/seminar complex ✓
- Sports facilities
 - * play ground ✓
 - * swimming pool -
 - * gymnasium ✓
- Hostel
 - * Boys' hostels ✓
 - * Girls' hostels ✓
- Residential facilities
 - * for teaching staff -
 - * for non teaching staff -
- Cafeteria ✓
- Health centre -
 - * First aid facility ✓
 - * Inpatient facility -
 - * Outpatient facility -
 - * Ambulance facility -
 - * Emergency care facility ✓
- Health centre staff -

* Qualified doctor	Full time	-	Part-time	✓
* Qualified Nurse	Full time	✓	Part-time	-
- Other facilities
 - * Bank ✓
 - * ATM -
 - * post office -
 - * book shops -
- Transport facilities
 - * for students ✓
 - * for staff ✓
- Power house -
- Waste management facility ✓

Profile of the College

12. Details of programmes offered by the institution : (Give data for current academic year)

Sl. No.	Programme Level	Name of the Programme/ Course	Duration	Entry Qualification	Medium of instruction	Sanctioned/ approved Student intake	No. of students admitted
1.	Under Graduate	B.Sc. Mathematics	3 years	HSC	English	224	224
		B.Sc. Physics	3 years	HSC	English	110	110
		B.Sc. Chemistry	3 years	HSC	English	105	104
		B.Sc. Computer Science	3 years	HSC	English	200	200
		Bachelor of Computer Applications (B.C.A.)	3 years	HSC	English	200	200
		B.Sc. Biochemistry	3 years	HSC	English	110	110
		B.Sc. Microbiology	3 years	HSC	English	105	105
		B.Com. Commerce	3 years	HSC	English	294	294
		B.Com. Bank Management	3 years	HSC	English	140	140
		B.A. History	3 years	HSC	English	70	70
		B.A. English	3 years	HSC	English	280	280
2.	Post Graduate	M.Sc. Mathematics	2 years	Graduation	English	40	40
		M.Sc. Physics	2 years	Graduation	English	26	26
		M.Sc. Chemistry	2 years	Graduation	English	26	26
		M.Sc. Computer Science	2 years	Graduation	English	26	26
		M.Sc. Information Technology	2 years	Graduation	English	26	12
		M.Sc. Biochemistry	2 years	Graduation	English	26	7
		M.Sc. Microbiology	2 years	Graduation	English	26	17
		M.Com. Commerce	2 years	Graduation	English	40	31
		M.A. History	2 years	Graduation	English	40	2
		M.A. English	2 years	Graduation	English	40	40
		Master of Social Work	2 years	Graduation	English	40	36
3.	Integrated Masters	---	---	---	---	---	

Profile of the College

Sl. No.	Programme Level	Name of the Programme/ Course	Duration	Entry Qualification	Medium of instruction	Sanctioned/ approved Student intake	No. of students admitted
4.	M.Phil.	M.Phil. Mathematics	1 year	PG	English	25	25
		M.Phil. Physics	1 year	PG	English	5	5
		M.Phil. Chemistry	1 year	PG	English	5	3
		M.Phil. Computer Science	1 year	PG	English	20	17
		M.Phil. Biochemistry	1 year	PG	English	15	2
		M.Phil. Microbiology	1 year	PG	English	15	2
		M.Phil. Commerce	1 year	PG	English	25	15
		M.Phil. History	1 year	PG	English	5	1
		M.Phil. English	1 year	PG	English	20	18
5.	Ph. D.	Ph.D. Chemistry		PG	English		
		Ph.D. Commerce		PG	English		
		Ph.D. History		PG	English		
6.	Integrated Ph.D.	---	---	---	---	---	
7.	Certificate	Mushroom Cultivation Practices	---	---	---	---	---
8.	Diploma	Electrical and Electronics Instrumentation	---	---	---	---	---
9.	PG Diploma	---	---	---	---	---	
10.	Any Other (Please specify)	---	---	---	---	---	

Profile of the College

13. Does the institution offer self-financed Programmes?

Yes

No

If yes, how many?

34 + 2

14. Whether new programmes have been introduced during the last five years?

Yes

No

If yes

Number	11
--------	-----------

Sl. No.	Course	Year of Introduction
1	B.Com. Bank Management (Shift - II)	2012-2013
2	M.A. English	2011-2012
3	M.A. History	2011-2012
4	M.S.W.	2012-2013
5	M.Phil. History	2012-2013
6	M.Phil. Biochemistry	2012-2013
7	M.Phil. Microbiology	2012-2013
8	M.Phil. English	2013-2014
9	Ph.D. Chemistry	2011-2012
10	Ph.D. Commerce	2011-2012
11	Ph.D. History	2012-2013

Profile of the College

15. List the departments: (Do not list facilities like library, Physical Education as departments unless these are teaching departments and offer programmes to students)

Particulars	Number of Departments	Number of Students
Science		
Under Graduate (<i>Mathematics, Physics, Chemistry, Computer Science, Computer Applications, Biochemistry and Microbiology</i>)	7	2825
Post Graduate (<i>Mathematics, Physics, Chemistry, Computer Science, Biochemistry and Microbiology</i>)	6	349
Research centre(s) (<i>Mathematics, Physics, Chemistry, Computer Science, Biochemistry and Microbiology</i>)	6	54
Arts		
Under Graduate (<i>English and History</i>)	2	910
Post Graduate (<i>English, History and Social Work</i>)	3	126
Research centre(s) (<i>English and History</i>)	2	19
Commerce		
Under Graduate (<i>Commerce</i>)	1	1224
Post Graduate (<i>Commerce</i>)	1	70
Research centre(s) (<i>Commerce</i>)	1	15
Any Other (please specify)		
Under Graduate	-	
Post Graduate	-	
Research centre(s)	-	

16. Are there any UG and/or PG programmes offered by the College, which are not covered under Autonomous status of UGC? Give details.

No

Profile of the College

17. Number of Programmes offered under (Programme means a degree course like BA, MA, BSc, MSc, B.Com. etc.)

a. annual system	3
b. semester system	31
c. trimester system	-

18. Number of Programmes with

a. Choice Based Credit System	31
b. Inter/Multidisciplinary Approach	11
c. Any other (specify)	-

19. Unit Cost of Education

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

(a) including the salary component	Rs. 21770.83
(b) excluding the salary component	Rs. 9272.80

20. Does the College have a department of Teacher Education offering NCTE recognized degree programmes in Education?

Yes No

If yes,

- a. How many years of standing does the department have?
..... years

- b. NCTE recognition details (if applicable)
Notification No.:

.....

Date: (dd/mm/yyyy)

- c. Is the department opting for assessment and accreditation separately?

Yes No

Profile of the College

21. Does the College have a teaching department of Physical Education offering NCTE recognized degree programmes in Physical Education?

Yes No

If yes,

- a. How many years of standing does the department have?

..... years

- b. NCTE recognition details (if applicable)

Notification No.:

.....

Date: (dd/mm/yyyy)

- c. Is the department opting for assessment and accreditation separately?

Yes No

22. Whether the College is offering professional programme?

Yes No

If yes, please enclose approval / recognition details issued by the statutory body governing the programme.

23. Has the College been reviewed by any regulatory authority? If so, furnish a copy of the report and action taken there upon.

No

24. Number of teaching and non-teaching positions in the College

Positions	Teaching faculty						Non-teaching Staff		Technical Staff	
	Professor		Associate Professor		Assistant Professor		*M	*F	*M	*F
	*M	*F	*M	*F	*M	*F	*M	*F	*M	*F
Sanctioned by the UGC / University / State Government										
<i>Recruited</i>					-	-	-	-	-	-
<i>Yet to recruit</i>					-	-	-	-	-	-
Sanctioned by the Management/society or other authorized bodies										
<i>Recruited</i>					86	91	48	15	-	-
<i>Yet to recruit</i>					-	-	-	-	-	-

*M - Male *F - Female

Profile of the College

25. 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.					19	12	31
M.Phil.					62	77	139
PG					4	3	7
Temporary teachers : Nil							
Part-time teachers : Nil							

26. Number of Visiting Faculty/ Guest Faculty engaged by the College.

27. Students enrolled in the College during the current academic year, with the following details:

Course	Gender	From the state where the College is located	From other states of India	NRI students	Foreign students	Total
UG	M	1675	379	-	-	2054
	F	2441	464	-	-	2905
PG	M	121	23	-	-	144
	F	324	77	-	-	401
Integrated Masters	M	-	-	-	-	-
	F	-	-	-	-	-
M.Phil.	M	18	6	-	-	24
	F	55	9	-	-	64
Ph.D.	M	-	-	-	-	-
	F	-	-	-	-	-

Profile of the College

Integrated Ph.D.	M	-	-	-	-	-
	F	-	-	-	-	-
D.Litt./ D.Sc.	M	-	-	-	-	-
	F	-	-	-	-	-
Certificate	M	-	-	-	-	-
	F	-	-	-	-	-
Diploma	M	-	-	-	-	-
	F	-	-	-	-	-
PG Diploma	M	-	-	-	-	-
	F	-	-	-	-	-

* M - Male * F - Female

28. Dropout rate in UG and PG (average for the last two batches)

UG PG

29. Number of working days during the last academic year.
181 Days

30. Number of teaching days during the last academic year
169 Days

31. Is the College registered as a study centre for offering distance education programmes for any University?

Yes No

If yes, provide the

a. Name of the University

Bharathidasan University, Trichy

b. Is it recognized by the Distance Education Council?

Yes No

c. Indicate the number of programmes offered.

Profile of the College

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

Sl. No.	Undergraduate Courses	Ratio
1	B.Sc. Mathematics	1:34
2	B.Sc. Physics	1:40
3	B.Sc. Chemistry	1:23
4	B.Sc. Computer Science	1:40
5	Bachelor of Computer Applications (B.C.A.)	1:35
6	B.Sc. Biochemistry	1:25
7	B.Sc. Microbiology	1:50
8	B.Com. Commerce	1:70
9	B.Com. Bank Management	1:60
10	B.A. History	1:37
11	B.A. English	1:70

Sl. No.	Postgraduate Courses	Ratio
1	M.Sc. Mathematics	1:30
2	M.Sc. Physics	1:26
3	M.Sc. Chemistry	1:7
4	M.Sc. Computer Science	1:10
5	M.Sc. Information Technology	1:10
6	M.Sc. Biochemistry	1:25
7	M.Sc. Microbiology	1:7
8	M.Com. Commerce	1:20
9	M.A. History	--
10	M.A. English	1:39
11	Master of Social Work	1:11

Sl. No.	M.Phil. Courses	Ratio
1	M.Phil. Mathematics	1:4
2	M.Phil. Physics	1:5
3	M.Phil. Chemistry	1:3
4	M.Phil. Computer Science	1:5
5	M.Phil. Biochemistry	1:2
6	M.Phil. Microbiology	1:2
7	M.Phil. Commerce	1:4
8	M.Phil. History	-
9	M.Phil. English	1:6

Profile of the College

33. Is the College applying for?

Accreditation : Cycle 1 Cycle 2 Cycle 3 Cycle 4

Re-Assessment:

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

Cycle	Date	Accreditation outcome/results
Cycle I	16-09-2003	B++
Cycle II	16-09-2011	'A' Grade

* Kindly enclose copy of accreditation certificate(s) and peer team report(s)

Cycle 1 refers to first accreditation; Cycle 2 and beyond refers to reaccreditation

35. a. Date of establishment of Internal Quality Assurance Cell (IQAC)
In the year 2003

b. Dates of submission of Annual Quality Assurance Reports (AQARs).

- (i) **AQAR for year 2011-2012 on 16-07-2012**
- (ii) **AQAR for year 2012-2013 on 19-08-2013**
- (iii) **AQAR for year 2013-2014 on 22-07-2014**
- (iv) **AQAR for year 2014-2015 on 24-08-2015**

36. Any other relevant data, the College would like to include. (Not exceeding one page)

- **The college is permanently affiliated with Thiruvalluvar University, Vellore.**
- **The college has highest students and staff strength among the affiliated colleges of Thiruvalluvar University.**
- **Recognition of the college as Scientific and Industrial Research Organization (SIRO) by the Department of Scientific and Industrial Research (DSIR) is pending.**
- **The college functions in shift system.**
- **The college has completed 25 years of glorious existence in the field of higher education.**

2. Criteria - wise Inputs

CRITERION I: CURRICULAR ASPECTS

1.1 Curriculum Design and Development

1.1.1 How are the institutional vision / mission reflected in the academic programmes of the College?

VISION:

To Work Hard to Prepare

Men and women academically and technically equipped to steer the nation along the path of progress and peace.

Men and women who will free the nation from the clutches of Sectarianism and Parochialism.

MISSION:

To Work Hard to Provide

Wholesome and integral Education that will help the students to find their footing in life.

Ethical and social values that will help the students to confidently face the challenges of life.

Human and community values that will help the students in building up the solidarity of all Indians.

The academic programmes of the college are designed with the following objectives to ensure the vision and mission of the institution are fulfilled.

- a) Providing Integral Education
- b) Building Ethical and Social Values
- c) Promoting Gender Equality
- d) Ensuring Environmental Sustainability

1.1.2 Describe the mechanism used in the design and development of the curriculum? Give details on the process. (Need Assessment, Feedback, etc)

Curriculum Development Committee of the institution carries out periodical assessment to address the developmental needs at the regional and national levels.

Feedback from the stakeholders including employers and alumni are also taken into consideration.

Suggestions from the Curriculum Development Committee are forwarded to the respective Board of Studies to design the specific curriculum which in turn is approved by the Academic Council.

1.1.3 How does the College involve industry, research bodies, and civil society in the curriculum design and development process? How did the College benefit through the involvement of the stakeholders?

Experts from industries and corporate sectors, representatives from research institutes are included in the Board of Studies. They are also included as members in the Academic Council. Feedback from parents who represent the civil society is taken into consideration while developing the curriculum.

Suggestions of the experts from industries and corporate sectors helped in developing a job oriented curriculum that promotes employability.

Inclusion of researchers in the curriculum designing motivated the students to enter into research sectors.

1.1.4 How are the following aspects ensured through curriculum design and development?

- **Employability**

The curriculum is designed with due consideration to ensure employability and to meet the needs of the industry. *Soft Skills, Computer Literacy Programme* and *In-Plant Training* are included as part of the curriculum. Training programmes based on the need of the job market are conducted and opportunity is

given to the students to undergo additional courses of *inter-disciplinary* and *vocational* nature.

- **Innovation**

Flexibility in the curriculum is ensured through Choice Based System. Curriculum is being developed with an *inter-disciplinary approach* especially in allied subjects. Social responsibility is inculcated through *compulsory participation in Extension Activities*.

- **Research**

Inclusion of *Research Methodology* as a subject in PG curriculum in most of the courses provokes research interest among students. Project work has been made mandatory for the fulfillment of PG programmes. Some of the UG programmes also have project work as a component in curriculum.

1.1.5 How does College ensure that the curriculum developed addresses the needs of the society and have relevance to the regional / national developmental needs?

Feedback collected regularly from the stakeholders ensures that the curriculum addresses the needs of the society. *Academic Audit* carried out ensures the relevance of the curriculum to the regional and national developmental needs.

1.1.6 To what extent does the College use the guidelines of the regulatory bodies for developing or restructuring the curricula? Has the College been instrumental in leading any curricular reform which has created a national impact?

The guidelines prescribed by the UGC, affiliating university and *Tamil Nadu State Council for Higher Education (TANSCHE), Chennai* are followed to the maximum possible extent.

The curriculum of the institution is appreciated by the faculty of neighbouring institutions and universities.

1.2 Academic Flexibility**1.2.1 Give details on the following provisions with reference to academic flexibility****a. Core / Elective options**

Provisions for academic flexibility is available in the case of elective and allied subjects.

b. Enrichment courses

Students are free to take-up enrichment courses offered by various departments.

Details of Certificate and Diploma programmes offered.

Diploma Course	
1	Electrical and Electronics Instrumentation

Certificate Course	
1	Mushroom Cultivation Practices

c. Courses offered in modular form

Not Available

d. Credit transfer and accumulation facility

Not Available

e. Lateral and vertical mobility within and across programmes and courses

Not Available

1.2.2 Have any courses been developed specially targeting international students? If so, how successful have they been? If 'no', explain the impediments.

No. The policy has to be developed.

1.2.3 Does the College offer dual degree and twinning programmes? If yes, give details.

No

1.2.4 Does the College offer self-financing programmes? If yes, list them and indicate if policies regarding admission, fee structure, teacher qualification and salary are at par with the aided programmes?

The college offers only self-financing programmes and hence comparison with aided programme is not possible. However, policies regarding admission, fee structure and teacher qualification are followed as per the regulations of the competent authorities. Fairly good salary is given to the staff members based on the qualification and experience.

List of courses offered

The college operates under shift system. In UG Shift – I is for boy students and Shift – II is for girl students. All PG and M.Phil. courses are co-education.

Under Graduate - 11		Shift – I	Shift - II
1	B.Sc. Mathematics	✓	✓
2	B.Sc. Physics	✓	✓
3	B.Sc. Chemistry	✓	✓
4	B.Sc. Computer Science	✓	✓
5	Bachelor of Computer Applications (B.C.A.)	✓	✓
6	B.Sc. Biochemistry	✓	✓
7	B.Sc. Microbiology	✓	✓
8	B.Com. Commerce	✓	✓
9	B.Com. Bank Management	✓	✓
10	B.A. History	✓	--
11	B.A. English	✓	✓

Post Graduate - 11	
1	M.Sc. Mathematics
2	M.Sc. Physics
3	M.Sc. Chemistry
4	M.Sc. Computer Science
5	M.Sc. Information Technology
6	M.Sc. Biochemistry

7	M.Sc. Microbiology
8	M.Com. Commerce
9	M.A. History
10	M.A. English
11	Master of Social Work

M.Phil. - 9

1	M.Phil. Mathematics
2	M.Phil. Physics
3	M.Phil. Chemistry
4	M.Phil. Computer Science
5	M.Phil. Biochemistry
6	M.Phil. Microbiology
7	M.Phil. Commerce
8	M.Phil. History
9	M.Phil. English

Ph. D. - 3

1	Ph.D. Chemistry
2	Ph.D. Commerce
3	Ph.D. History

Diploma Courses

1	Electrical and Electronics Instrumentation
---	--

Certificate Course

1	Mushroom Cultivation Practices
---	--------------------------------

1.2.5 Has the College adopted the Choice Based Credit System (CBCS)? If yes, how many programmes are covered under the system?

Yes, the college adopts *Choice Based Credit System (CBCS)* and *all the UG and PG programmes are covered under CBCS.*

1.2.6 What percentage of programmes offered by the College follows:

- **Annual system**
8.6% (Ph.D. Programmes)
- **Semester system**
91.4% (All UG, PG and M.Phil. Programmes)
- **Trimester system**
NIL

1.2.7 What is the policy of the College to promote inter-disciplinary programmes? Name the programmes and what is the outcome?

The institution does not offer any inter-disciplinary programme. However, allied subjects are offered with inter-disciplinary approach.

1.3 Curriculum Enrichment**1.3.1 How often is the curriculum of the College reviewed for making it socially relevant and/or job oriented / knowledge intensive and meeting the emerging needs of students and other stakeholders?**

The curriculum of the college is *reviewed every year* through *feedback on curriculum by the students*, Meeting of the *Board of Studies* and *Academic Council*. *Academic Audit* conducted once in three years also reviews the curriculum.

1.3.2 How many new programmes have been introduced at UG and PG level during the last four years? Mention details.

Level	Sl. No.	Name of the Course	Year
UG	1	B.Com. Bank Management (Shift – II)	2012-2013
PG	2	M.A. English	2011-2012
	3	M.A. History	2011-2012
	4	M.S.W.	2012-2013

1.3.3 What are the strategies adopted for revision of the existing programmes? What percentage of courses underwent a major syllabus revision?

The following strategies are adopted for the revision of the existing programmes:

- Analysis of the feedback from the students, alumni and employers.
- Analysis of suggestions given by the experts from industries.
- Incorporating the suggestions of members of the Board of Studies and Academic Council.

All the courses underwent a major syllabus revision.

1.3.4 What are the value-added courses offered by the College and how does the College ensure that all students have access to them?

The following are the diploma and certificate courses offered by the college.

Diploma Course

- Electrical and Electronics Instrumentation

Certificate Course

- Mushroom Cultivation Practices

The courses are open to the students of all disciplines.

1.3.5 Has the College introduced any higher order skill development programmes in consonance with the national requirements as outlined by the National Skills Development Corporation and other agencies?

The college has not introduced any higher order skill development programme. However, Career Guidance and Placement Cell of the college organizes skill development programmes in association with *Pondicherry Multipurpose Social Service Society, Puducherry*.

1.4 Feedback System**1.4.1 Does the College have a formal mechanism to obtain feedback from students regarding the curriculum and how is it made use of?**

The Internal Quality Assurance Cell (IQAC) of the college obtains feedback from the students on curriculum every year.

Coursewise analysis of the feedback is carried out and the same is communicated to the respective departments which make use of the information while revising the curriculum.

1.4.2 Does the College elicit feedback on the curriculum from national and international faculty? If yes, specify a few methods adopted to do the same - (conducting webinar, workshop, online forum discussion etc.). Give details of the impact on such feedback.

Feedback on curriculum is obtained from the faculty of the neighbouring states when they visit the institution. During academic audit also feedback from faculty of other institution is obtained. Their suggestions and opinions are taken into consideration to revise and update the curriculum.

1.4.3 Specify the mechanism through which alumni, employers, industry experts and community give feedback on curriculum enrichment and the extent to which it is made use of.

Specially designed questionnaires are given to the alumni students to obtain their feedback on curriculum.

The departments interact with the employers and industry experts and their suggestions are used while framing the curriculum.

Opinions of the parents regarding curriculum during parent-teachers meeting is also taken into consideration during curriculum designing.

1.4.4 What are the quality sustenance and quality enhancement measures undertaken by the institution in ensuring effective development of the curricula?

Curriculum Development Cell of the college along with the IQAC ensures the quality of the curriculum.

Input from the feedback from various stakeholders are considered and due weightage is given to their suggestions.

Academic Audit also plays a vital role in maintaining the quality of the curriculum.

Curricula of various institutions are compared with the curriculum of the college to maintain the quality at par with the reputed institutions.

Any additional information regarding Curricular Aspects, which the institution would like to include.

- To provide a wholesome education to the students and to make them realize their social responsibilities, participation in extra-curricular activities and extension activities are brought into the curriculum. Participation in these activities is mandatory for the completion of the course and two credits are given in the UG curriculum.
- In addition to the core and allied subjects, *Value Education* and *Personality Development* are included in the UG curriculum to build the character of the student community.
- To promote skill development, *skill based subjects* are taught in UG second year which are mostly *interdisciplinary in nature*. The following subjects are offered under this category.

Sl. No.	Skill Based Subjects	Offered by	Offered to	Semester
1	Soft Skills	Computer Applications	Computer Applications	IV
2	Soft Skills	Computer Science	Computer Science	IV
3	Herbal Technology / First Aid	Biochemistry	Biochemistry	III
4	Commerce and Practice	Commerce	Physics	III
5	Food Processing Technology	Microbiology	Chemistry	III
6	Bioinstrumentation	Biochemistry	Microbiology	III
7	e-Commerce	Commerce	Commerce	III
8	Employability Skills / e-Commerce	Commerce	B.Com. Bank Mgt.	III
9	First Aid	Biochemistry	English	III
10	First Aid	Biochemistry	Mathematics	III
11	Principles of Tourism	History	History	IV

- Environmental Science for UG programme and Human Rights for PG programme are offered as per the regulations of UGC.

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?

Details regarding the various courses available and admission procedures in the college are given in the Prospectus published every year.

The institution advertises through Regional News Papers, Local Cable Network and Institution's Website.

To ensure transparency in admission, the institution displays the list of selected candidates according to the cut-off marks. It also displays the list of students in the waiting list.

2.1.2 Explain in detail the process of admission put in place for UG, PG and Ph.D. programmes by the College. Explain the criteria for admission (Ex. (i) merit, (ii) merit with entrance test, (iii) merit, entrance test and interview, (iv) common test conducted by state agencies and national agencies (v) others followed by the College?

The admission process is carried out by the Admission Committee of the college.

UG Courses

Students are selected on the basis of merit and personal interview.

PG Courses

Students are selected on the basis of merit, performance in the Entrance examination and personal interview.

M.Phil. Courses

A merit list of the eligible candidates is prepared and Entrance examination is conducted. Short listed candidates are called for personal interview and according to the rank, students are selected.

Ph.D. Courses

Applications are invited from candidates seeking admission for Ph.D. programme. The selection will be based on the marks obtained in PG / M.Phil., the marks obtained in the entrance examination and interview conducted by the college.

2.1.3 Does the College have a mechanism to review its admission process and student profiles annually? If yes, what is the outcome of such an analysis and how has it contributed to the improvement of the process?

The admission process is promptly reviewed by the Admission Committee under the supervision of representatives of the Management.

The findings of the review process helps in modifying the admission procedure.

Based on the demand for the courses the cut-off marks are decided from time-to-time.

2.1.4 What are the strategies adopted to increase / improve access to students belonging to the following categories

- **SC/ST**
- **OBC**
- **Women**
- **Different categories of persons with disabilities**
- **Economically weaker sections**
- **Outstanding achievers in sports and extracurricular activities**

Category-wise merit list is prepared and all deserving candidates are admitted in each category.

A separate shift (Shift-II) is operated exclusively for the women candidates.

Preference is given to differently-abled persons, outstanding achievers in sports and extracurricular activities.

2.1.5 Furnish the number of students admitted in the College in the last four academic years.

Categories	2011-2012		2012-2013		2013-2014		2014-2015		2015-2016	
	M	F	M	F	M	F	M	F	M	F
SC	153	194	184	194	140	195	136	187	153	174
ST	2	2	5	6	2	3	2	2	8	0
MBC	286	538	336	532	332	601	389	608	439	653
BC	310	405	264	390	256	398	287	410	236	478
General (OC)	32	34	16	37	24	36	28	40	24	36
Others	-	-	-	-	-	-	-	-	-	-
Total	783	1173	805	1159	754	1233	842	1247	860	1341

2.1.6 Has the College conducted any analysis of demand ratio for the various programmes offered by the College? If so, indicate significant trends explaining the reasons for increase / decrease.

Yes

Name of the Course	2011-2012			2012-2013			2013-2014			2014-2015			2015-2016		
	AR	SA	DR	AR	SA	DR	AR	SA	DR	AR	SA	DR	AR	SA	DR
Under Graduate Courses															
B.Sc. Mathematics	294	210	1.4:1	169	210	0.8:1	166	190	0.9:1	222	210	1.1:1	371	224	1.7:1
B.Sc. Physics	140	100	1.4:1	106	100	1.1:1	132	105	1.3:1	119	105	1.1:1	193	110	1.8:1
B.Sc. Chemistry	203	110	1.8:1	123	100	1.2:1	141	105	1.3:1	277	100	2.8:1	251	105	2.4:1
B.Sc. Computer Science	340	210	1.6:1	234	210	1.1:1	270	200	1.4:1	206	200	1:1	303	200	1.5:1
B.C.A.	336	210	1.6:1	335	210	1.6:1	251	205	1.2:1	272	200	1.4:1	278	200	1.4:1
B.Sc. Biochemistry	43	100	0.4:1	63	100	0.6:1	62	100	0.6:1	120	100	1.2:1	134	110	1.2:1
B.Sc. Microbiology	95	100	1.0:1	65	100	0.7:1	99	100	1:1	125	100	1.3:1	161	105	1.5:1
B.Com	494	308	1.6:1	362	294	1.2:1	324	287	1.1:1	418	294	1.4:1	384	294	1.3:1
B.Com. Bank Management	101	70	1.4:1	190	140	1.4:1	148	140	1.1:1	151	140	1.1:1	183	140	1.3:1
B.A. English	481	308	1.6:1	342	294	1.2:1	352	280	1.3:1	317	280	1.1:1	423	280	1.5:1
B.A. History	38	70	0.5:1	49	70	0.7:1	45	70	0.6:1	65	70	0.9:1	79	70	1.1:1

Name of the Course	2011-2012			2012-2013			2013-2014			2014-2015			2015-2016		
	AR	SA	DR	AR	SA	DR	AR	SA	DR	AR	SA	DR	AR	SA	DR
Post Graduate Courses															
M.Sc. Mathematics	47	40	1.2:1	63	44	1.4:1	42	40	1.1:1	46	40	1.2:1	75	40	1.9:1
M.Sc. Physics	36	26	1.4:1	36	26	1.4:1	29	26	1.1:1	29	26	1.1:1	36	26	1.4:1
M.Sc. Chemistry	52	29	1.8:1	33	26	1.3:1	31	26	1.2:1	42	26	1.6:1	47	26	1.8:1
M.Sc. Computer Science	58	26	2.2:1	39	26	1.5:1	26	26	1:1	35	26	1.3:1	33	26	1.3:1
M.Sc. Info. Tech.	41	26	1.6:1	14	26	0.5:1	5	26	0.2:1	13	26	0.5:1	18	26	0.7:1
M.Sc. Biochemistry	35	26	1.3:1	38	26	1.5:1	18	26	0.7:1	27	26	1:1	12	26	0.5:1
M.Sc. Microbiology	29	26	1.1:1	19	26	0.7:1	27	26	1:1	13	26	0.5:1	27	26	1:1
M.Com.	60	40	1.5:1	31	40	0.8:1	51	44	1.2:1	43	40	1:1	41	40	1:1
M.A. English	18	40	0.5:1	49	44	1.1:1	49	40	1.2:1	65	40	1.6:1	87	40	2.2:1
M.S.W.	-	-	-	25	40	0.6:1	22	40	0.6:1	15	40	0.4:1	39	40	1:1
M.A. History	10	40	0.3:1	0	40	0	0	40	0	0	40	0	2	40	0.1:1
M.Phil. Courses															
M.Phil. Mathematics	59	25	2.4:1	59	25	2.4:1	62	25	2.5:1	49	25	2:1	50	25	2:1
M.Phil. Physics	11	15	0.7:1	11	15	0.7:1	7	15	0.5:1	10	15	0.7:1	7	5	1.4:1
M.Phil. Chemistry	9	15	0.6:1	9	15	0.6:1	20	15	1.3:1	5	15	0.3:1	5	5	1:1
M.Phil. Computer Science	59	20	3:01	32	20	1.6:1	51	20	2.6:1	37	20	1.9:1	32	20	1.6:1
M.Phil. Biochemistry	-	-	-	10	15	0.7:1	2	15	0.1:1	5	15	0.3:1	4	15	0.3:1
M.Phil. Microbiology	0	0	0	0	0	0	1	15	0.1:1	3	15	0.2:1	2	15	0.1:1
M.Phil. Commerce	32	25	1.3:1	17	25	0.7:1	25	25	1:1	10	25	0.4:1	24	25	1:1
M.Phil. English	-	-	-	-	-	-	15	20	0.8:1	49	20	2.5:1	32	20	1.6:1
M.Phil. History	-	-	-	4	5	0.8:1	12	5	2.4:1	0	5	0	2	5	0.4:1

AR - Applications Received SA - Students Admitted DR - Demand Ratio

There was a decrease in the demand ratio for the year 2012-2013 when compared to 2011-2012, and the demand ratio for the year 2015-2016 has increased when compared to 2014-2015 in most of the courses which reflects the overall trend in the arts and science colleges of the state.

- 2.1.7 Was there an instance of the College discontinuing a programme during last four years? If yes, indicate the reasons.**

No

2.2 Catering to Student Diversity

- 2.2.1 Does the College organize orientation / induction programme for freshers? If yes, give details of the duration of programme, issues covered, experts involved and mechanism for using the feedback in subsequent years.**

Every year the college organizes an *orientation / bridge course for the freshers*.

The course is conducted for two weeks which covers *general discipline, rules and regulation of the autonomous pattern, curriculum and evaluation, extra-curricular activities / clubs* available in the college and the like.

Senior faculty of different disciplines of the college are invited as resource persons for the conduct of the programme.

Feedback from the participants is collected after the programme and based on the suggestions the course is restructured in the subsequent years.

- 2.2.2 Does the College have a mechanism through which the “differential requirements of student population” are analyzed after admission and before the commencement of classes? If so, how are the key issues identified and addressed?**

Yes, after the admission the senior faculty of the department interacts with the students to identify the key issues like, *medium of instruction at the school level, fluency of the students in English, learning ability*, etc.

Possible strategies to address the issues are developed and implemented.

2.2.3 Does the College provide bridge /Remedial /add - on courses? If yes, how are they structured into the time table? Give details of the courses offered, department-wise/faculty-wise?

Alongwith the *Orientation Course* a *Bridge Course in English* is conducted for the freshers *before the beginning of each academic year*.

Remedial classes are conducted for the slow-learners by the respective departments. These classes are conducted in the afternoon session for Shift-I students and in the forenoon session for the Shift-II students.

2.2.4 Has the College conducted a study on the incremental academic growth of different categories of students; - student from disadvantaged sections of society, economically disadvantaged, physically challenged and slow learners etc.? If yes, give details on how the study has helped the College to improve the performance of these students.

Mentor system is practiced in the college to regularly monitor the performance of students.

Students from disadvantaged sections of society, economically disadvantaged, physically challenged and slow learners are given special care.

Remedial classes are conducted, study materials are given and additional tests are conducted. This resulted in the improvement in the academic performance of the students.

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

Performance of the students in the first semester is used to categorize students in to slow learners and advanced learners.

The subject teachers are asked to find out the learning needs of the advanced learners and encourage them to read latest books and magazines to expand the scope of their subject knowledge.

They are encouraged to submit additional assignments and attend seminars.

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

Class-rooms are re-arranged for the convenience of differently-abled students if required.

Scribing for visually challenged and differently-abled students is arranged during examinations.

Government schemes and policies are made known to the students with disability. Staff of the college ensure that the students of this category benefit out of such schemes.

2.3 Teaching-Learning Process

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

An academic calendar is prepared every year detailing the work plan for each semester with schedule for teaching, co-curricular and extra-curricular activities and examinations.

Staff members prepare teaching plan for each subject in the beginning of every semester which help in completing the syllabus on time.

2.3.2 Does the College provide course outlines and course schedules prior to the commencement of the academic session? If yes, how is the effectiveness of the process ensured?

Yes, the course outline and course schedule are prepared by the teaching faculty before the commencement of the academic session. Every month the teaching faculty are asked to submit the monthly report to the IQAC, which in turn compares it with the course schedule already submitted.

2.3.3 What are the courses, which predominantly follow the lecture method? Apart from classroom interactions, what are the other methods of learning experiences provided to students?

All theory courses are predominantly taught through lecture method.

In addition the following methods are practiced

- Power point presentations
- Use of OHP
- Guest lectures by Resource persons
- Group discussion
- Student seminar / Assignments
- Field Trips / Study Tour / Industrial Visits
- Exhibition / Poster Presentations

2.3.4 How is 'learning' made more student-centric? Give a list of participatory learning activities adopted by the faculty that contribute to holistic development and improved student learning, besides facilitating life-long learning and knowledge management.

To make learning more effective, students centric approach is followed.

Students are asked to present seminars regularly to develop communication and presentation skills.

Assignments both from the syllabus and outside the syllabus are given to students to promote self study.

Poster Exhibits explaining the subject concepts are prepared by the students.

Group Discussion to kindle analytical thinking has been encouraged.

Project Work and *Case Studies* to provide a wider exposure is also practiced.

2.3.5 What is the College policy on inviting experts / people of eminence to provide lectures / seminars for students?

The college encourages the departments to have subject-wise associations which organize guest lectures and invited talks regularly.

The departments also organize seminars, workshops and conferences for the students wherein subject experts are invited.

Research Development Cell and students support services like NSS, Rotaract, RRC and YRC etc. are also allowed to invite experts from various fields to deliver lectures for the students.

2.3.6 What are the latest technologies and facilities used by the faculty for effective teaching? Ex: Virtual laboratories, e-learning, open educational resources, mobile education, etc.

Majority of the teaching faculty have started using PowerPoint presentation for teaching.

Handouts and soft copies of the teaching contents are supplied to the students by the faculty.

Faculty encourages the students to refer to online resources and e-books to widen the learning arena.

Video showing experimental protocols are displayed for the students. Online demonstration of experiments is also made use of by the faculty.

The Department of English makes use of audio-visual aids available in the language lab.

2.3.7 Is there a provision for the services of counselors / mentors/ advisors for each class or group of students for academic, personal and psycho-socio guidance? If yes, give details of the process and the number of students who have benefitted.

The teachers are assigned a class for mentoring the students. They maintain academic records and personal details of the students assigned to them. Psycho-social guidance is provided to the needy students by the mentors.

Faculty of Department of Psychology provide Psycho-social guidance on specific issues if the students approach them. On an average 5 to 10 students are counseled per week.

2.3.8 Are there any innovative teaching approaches/methods/ practices adopted/put to use by the faculty during the last four years? If yes, did they improve the learning? What methods were used to evaluate the impact of such practices? What are the efforts made by the institution in giving the faculty due recognition for innovation in teaching?

Interdisciplinary teaching is provided by the faculty of computer applications for the students of Microbiology on the subject

Computer Applications in Biology.

Faculty of Commerce, Computer Science, Computer Applications, Mathematics, Physics, Biochemistry, Chemistry and Microbiology make use of Poster Presentations by the students as a teaching method.

To encourage self-learning by the students, faculty of Computer Science and Computer Applications conduct competitions on technical oriented subjects.

These types of teaching make the students interested in the subjects and help them understand complicated topics in a simple way.

Students' feedback on teachers reflects the outcome of innovative teaching.

The teachers are duly recognized for adopting innovative teaching methods.

2.3.9 How does the College create a culture of instilling and nurturing creativity and scientific temper among the learners?

Inter-departmental competitions are conducted every year which include competitions where creativity is focused.

The Departments of Commerce (*Students' Eye and Commet*), Computer Science (*COMPEIN*), Computer Applications (*TechXtra*) and Social Work (*Talent Expo*) organizes competitions on their respective subjects every year to instill creativity among the students.

Students are given opportunity to *present papers on research topics* in seminars organized at departmental level as well as inter-collegiate level.

Students are motivated to take part in competitions and seminars conducted by other institutions and organizations.

Project works are made mandatory in all PG programmes to develop scientific temper among students. In a few departments UG students also have projects.

An in-house journal, *St. Joseph's Journal of Humanities and Science* published by the college encourages students to publish their research articles.

Eminent scholars and scientists from research institutes are invited

for giving guest lectures on recent trends to motivate the students in scientific research.

2.3.10 Does the College consider student projects a mandatory part of the learning programme? If so, for how many programmes is it made mandatory?

- **Number of projects executed within the College**

Students projects are made compulsory for all the PG programmes. Chemistry, Computer Science and Computer Applications departments have made students projects compulsory for UG programmes also.

- **Names of external institutions associated with the College for student project work**

The following are some of the external institutions associated with students projects.

- HCL, Puducherry
- Govt. General Hospital, Cuddalore
- I-Horse Technologies, Puducherry
- Public Works Department, Puducherry

- **Role of the faculty in facilitating such projects**

Faculty members are assigned as guides for the students project and provide technical support.

Faculty members are also involved in creating external links to carry out the project.

2.3.11 What efforts are made to facilitate the faculty in learning / handling computer-aided teaching/ learning materials? What are the facilities available in the College for such efforts?

All the departments are provided with computers having internet facility to prepare teaching materials and update the subject knowledge.

E-books and educational CDs are made available in the library for teaching / learning.

LCD projectors are available for computer aided teaching.

Departments of Computer Science and Computer Applications provide technical support to the faculty of other departments in computer-aided teaching.

2.3.12 Does the College have a mechanism for evaluation of teachers by the students / alumni? If yes, how is the evaluation used in achieving qualitative improvement in the teaching-learning process?

Feedback on teachers from the students are collected by the IQAC every year and evaluated. The outcomes and suggestions are informed to the respective staff members for improvement.

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

As per the academic calendar the curriculum is completed within the time frame. If there is any difficulty in completing the curriculum staff members conduct special classes to complete the curriculum.

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

New books and latest editions are added to the library as per the syllabus.

Books are also made available in the department library for the use of staff and students.

Collections of e-books and educational CDs are maintained in the library for teaching / learning.

Internet browsing facility and *reprography* service are also available in the library.

2.3.15 How does the institution continuously monitor, evaluate and report on the quality of teaching, teaching methods used, classroom environments and the effect on student performance.

To maintain the quality of teaching, feedback from the students are collected by the IQAC.

The management, principal and heads of the departments also regularly monitor the teaching process.

The effect on the students performance is assessed by the Continuous Internal Assessment Tests and end semester examinations.

2.4 Teacher Quality

2.4.1 What is the faculty strength of the College? How many positions are filled against the sanctioned strength? How many of them are from outside the state?

Total Number of Staff Members	177
Positions filled against sanctioned Strength	100%
Number of Faculty from outside the state	16.95%

2.4.2 How are the members of the faculty selected?

Applications are called for the vacancy positions in the regional news papers.

Eligible candidates are shortlisted and called for personal interview. The interview panel consists of representatives from management and subject experts.

2.4.3 Furnish details of the faculty

Highest qualification	Professor		Associate Professor		Assistant Professor		Total
	Male	Female	Male	Female	Male	Female	
Permanent teachers							
D.Sc./D.Litt.	-	-	-	-	-	-	-
Ph.D.	-	-	-	-	19	12	31
M.Phil.	-	-	-	-	62	77	139
PG	-	-	-	-	4	3	7
Temporary teachers : Nil							
Part-time teachers : Nil							

2.4.4 What percentage of the teachers have completed UGC-CSIR-NET, UGC-NET, and SLET exams? In that what percentage of teachers are with PG as highest qualification?

	Percentage
Teachers with UGC-CSIR-NET, UGC-NET, and SLET	7.34
Teachers with PG as highest qualification	3.95

2.4.5 Does the College encourage diversity in its faculty recruitment? Provide the following departments-wise details.

The college encourages the appointment of faculty from diverse background if they possess necessary qualification.

Department	% of faculty who are product of the same College	% of faculty from other Colleges within the State	% of faculty from other States	% of faculty from abroad
Mathematics	1	14	3	-
Physics	2	8	3	-
Chemistry	2	11	2	-
Biochemistry	5	8	2	-
Microbiology	4	6	3	-
Computer Science	8	16	1	-
Computer Applications	8	16	1	-
Statistics	-	4	-	-
Zoology	-	1	2	-
Psychology	-	2	1	-
Commerce	7	20	2	-
History	-	4	-	-
English	7	20	5	-
Tamil	-	7	4	-
Social Work	-	4	-	-
Economics	-	2	1	-
Library	-	2	-	-
Physical Education	-	1	-	-
Placement Cell	1	-	1	-

- 2.4.6 Does the College have the required number of qualified and competent teachers to handle all the courses for all departments? If not, how do you cope with the requirements? How many faculty members were appointed during the last four years?**

The college has required number of staff members to handle all the classes. The vacancy arising due to relieving of any staff members is filled at the earliest.

A total of 65 faculty members have been appointed in last four years.

Sl. No.	Year	Number
1.	2012-2013	16
2.	2013-2014	11
3.	2014-2015	9
4.	2015-2016	29

- 2.4.7 How many visiting Professors are on the rolls of the College?**

Nil

- 2.4.8 What policies / systems are in place to recharge teachers? (eg: providing research grants, study leave, nomination to national / international conferences / Seminars, in-service training, organizing national / international conferences etc.)**

Study leave is given to the faculty for pursuing Ph.D. programme.

Staff members are nominated to attend national / international conferences / seminars.

Staff members are encouraged to attend in-service trainings.

Financial support is given to organize seminars / conferences / workshops.

- 2.4.9 Give the number of faculty who received awards / recognitions for excellence in teaching at the state, national and international level during the last four years.**

Nil

- 2.4.10 Provide the number of faculty who have undergone staff development programmes during the last four years. (Add any other programme if necessary)**

Academic Staff Development Programmes	Number of faculty
Refresher courses	--
HRD programmes	--
Orientation programmes	5
Staff training conducted by the College	All staff members
Staff training conducted by University/ other Colleges	10
Summer / winter schools, workshops, etc.	294
Any other (please Specify)	--

- 2.4.11 What percentage of the faculty have**

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

8 Percentage.

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

Details	Number of Participation	% (per year)
Participated Workshops / Seminars / Conferences between 2011-12 and 2015-16 (Internal and External)	762	86.10

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

Details	Number of Presentation	% (per year)
Presented Papers in Workshops / Seminars / Conferences between 2011-12 and 2015-16	565	63.84

- **teaching experience in other universities / national institutions and others**

Details	Number of faculty	%
Teaching experience in other institutions	61	34.46

- **industrial engagement**

Nil

- **international experience in teaching**

Nil

2.4.12 How often does the College organize academic development programmes for its faculty, leading to enrichment of teaching-learning process?

- **Curricular Development**

Once in a year

- **Teaching-learning methods**

Once in a year

- **Examination reforms**

Nil

- **Content / knowledge management**

Nil

- **Any other (please specify)**

Department level meetings are conducted for the faculty on specific subjects to enrich the teaching learning process.

2.4.13 What are the teaching innovations made during the last five years? How are innovations rewarded?

- Group discussion
- Case Study
- Field Trips / Study Tour
- Industrial Visits / In-plant Training
- Exhibition / Poster Presentations

2.4.14 Does the College have a mechanism to encourage

- **Mobility of faculty between institutions for teaching?**
- **Faculty exchange programmes with national and international bodies?**

If yes, how have these schemes helped in enriching quality of the faculty?

No such facility available at present

2.5 Evaluation Process and Reforms**2.5.1 How does the College ensure that all the stakeholders are aware of the evaluation processes that are operative?**

The rules and regulations of the evaluation process are published in the *college handbook* and the same is also available in the *college website*. In addition, the students are also informed about the process in the *beginning of the course* during the *orientation programme* for the freshers.

2.5.2 What are the major evaluation reforms initiated by the College and to what extent have they been implemented in the College? Cite a few examples which have positively impacted the evaluation management system?**Single Evaluation for PG**

Since there was not much variation in the double valuation in evaluation of the semester examination for *Post Graduation*, it was changed in to *Single Valuation*. As a result of this the duration of evaluation process is reduced to some extent.

Instant Examination

Students of final year courses who failed in only one paper are given a chance of writing the examination for that particular paper immediately after the publication of results. This instant examination has helped a considerable number of students to complete their degree in the same academic year.

2.5.3 What measures have been taken by the institution for continuous evaluation of students and ensuring their progress and improved performance?

Instead of depending only on terminal performance, emphasis is laid upon continuous performance i.e. *Continuous Internal Assessment (CIA)* during each semester.

Flexibility in CIA pattern has been provided to the staff members to make evaluation process more innovative. Seminars, Assignments, Project Works, Group Discussion, Case Study, etc. are introduced as major parameters for evaluating the student performance. Thus the CIA pattern ensures the progress of the students in each semester.

2.5.4 What percentage of marks is earmarked for continuous internal assessment? Indicate the mechanisms strategized to ensure rigour of the internal assessment process?

25% of the marks in each *theory paper* and 40% marks in each *practical paper* are assessed by Continuous Internal Assessment (CIA).

The CIA process is open and transparent and the students are informed of their performance and marks then and there.

The entry of the marks under different categories are verified and cross checked by the Office of the Controller of Examinations.

2.5.5 Does the College adhere to the declared examination schedules? If not, what measures have been taken to address the delay?

The college adheres to the examination schedule which is proposed and published in the college calendar without any delay.

2.5.6 What is the average time taken by the College for declaration of examination results? Indicate the mode / media adopted by the College for the publication of examination results e.g., website, SMS, email, etc.

The average time taken to declare the examination results is *three weeks* and the results are published in the *college website* apart from being displayed in the *notice board*.

2.5.7 Does the college have an integrated examination platform for the following processes?

- **Pre-examination processes - Time table generation, OMR, student list generation, invigilators, squads, attendance sheet, online payment gateway, etc.**
- **Examination process - Examination material management, logistics.**
- **Post examination process - attendance capture, OMR based exam result, auto processing, generic result processing and certification.**

The Office of the Controller of Examinations is fully computerized. An automated *Electronic Controller of Examinations Office System* is the package used for the *Pre-examination, Examination and Post examination Process*.

Examination material management and logistics of exam materials are managed by the Office of the Controller of Examinations and a team of support staff.

2.5.8 Has the College introduced any reforms in its Ph.D. evaluation process?

The first candidate of the Ph.D. programme of the college is yet to complete the course; hence no reforms have been introduced so far. At present the rules and regulations of the parent university is followed.

2.5.9 What efforts are made by the College to streamline the operations at the Office of the Controller of Examinations? Mention any significant efforts which have improved process and functioning of the examination division/ section?

The term of Office of the Controller of Examinations (CoE) is fixed and the post is given on rotational basis. As per the norms a change in the headship of the Office of the Controller of Examinations is made.

Infrastructural arrangements of the Office of the Controller of Examinations have been modified as per their request.

Necessary changes have been made in the software used in the Office of the Controller of Examinations.

2.5.10 What is the mechanism for redressal of grievances with reference to evaluation?

There is a provision for applying for revaluation, if the candidate desires. A photocopy of the answer scripts will be given to the students against the request and payment of a required fee and if the candidate wishes he/she can apply for re-evaluation of the paper.

Issues related to CIA have to be represented to the concerned faculty or to the head of the department if there is a necessity.

Other grievances can be represented to the Controller of Examinations directly.

2.6. Student Performance and Learning Outcomes**2.6.1 Does the College have clearly stated learning outcomes for its programmes? If yes, give details on how the students and staff are made aware of these?**

Yes. Each programme has clearly stated learning outcome which is given in the syllabus. Copies of syllabi are given to the staff as well as the students at the beginning of the course.

The Students are made aware of these learning outcomes in the first interaction/Orientation programmes where the faculty addresses all the students.

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

Periodical tests, Continuous Internal Assessments and End-Semester examinations are conducted to monitor the achievement of learning outcomes. The results of these examinations are discussed with the students and among the faculty to ensure the achievement.

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

Based on the results of Periodical tests, Continuous Internal Assessments and End-Semester examinations subject-wise reports are obtained from the faculty by the Principal. Students who failed

in the exams and slow-learners are identified and remedial classes are conducted for them.

2.6.4 Give Programme-wise details of the pass percentage and completion rate of students.

Undergraduate Courses

Course	Year	Appeared	Passed	Pass %
B.Sc. Biochemistry	2009-2012	27	27	100.00
	2010-2013	21	10	47.62
	2011-2014	27	24	88.89
	2012-2015	51	19	37.25
	2013-2016	51	39	76.47
B.Com. Bank Management	2009-2012	66	49	74.24
	2010-2013	69	23	33.33
	2011-2014	57	33	57.89
	2012-2015	119	41	34.45
	2013-2016	124	70	56.45
B.C.A.	2009-2012	179	158	88.27
	2010-2013	174	132	75.86
	2011-2014	190	149	78.42
	2012-2015	192	136	70.83
	2013-2016	186	146	78.49
B.Sc. Chemistry	2009-2012	94	69	73.40
	2010-2013	99	63	63.64
	2011-2014	99	75	75.76
	2012-2015	92	20	21.74
	2013-2016	95	42	44.21
B.Com.	2009-2012	280	198	70.71
	2010-2013	276	176	63.77
	2011-2014	285	166	58.25
	2012-2015	258	158	61.24
	2013-2016	253	120	47.43

B.Sc. Computer Science	2009-2012	185	176	95.14
	2010-2013	187	143	76.47
	2011-2014	186	162	87.10
	2012-2015	199	151	75.88
	2013-2016	181	139	76.80
B.A. History	2009-2012	-	-	-
	2010-2013	21	18	85.71
	2011-2014	23	21	91.30
	2012-2015	17	14	82.35
	2013-2016	31	19	61.29
B.A. English	2009-2012	215	160	74.42
	2010-2013	292	135	46.23
	2011-2014	286	169	59.09
	2012-2015	242	130	53.72
	2013-2016	240	134	55.83
B.Sc. Microbiology	2009-2012	53	37	69.81
	2010-2013	39	23	58.97
	2011-2014	45	31	68.89
	2012-2015	49	30	61.22
	2013-2016	68	39	57.35
B.Sc. Mathematics	2009-2012	147	95	64.63
	2010-2013	146	86	58.90
	2011-2014	183	98	53.55
	2012-2015	128	80	62.50
	2013-2016	139	77	55.40
B.Sc. Physics	2009-2012	89	58	65.17
	2010-2013	75	45	60.00
	2011-2014	86	61	70.93
	2012-2015	71	50	70.42
	2013-2016	93	63	67.74

Postgraduate Courses

Course	Year	Appeared	Passed	Pass %
M.Sc. Microbiology	2010-2012	25	23	92
	2011-2013	18	18	100
	2012-2014	15	14	93.33
	2013-2015	17	17	100
	2014-2016	10	6	60.00
M.Sc. Mathematics	2010-2012	32	21	65.63
	2011-2013	29	16	55.17
	2012-2014	39	29	74.36
	2013-2015	36	30	83.33
	2014-2016	35	32	91.43
M.Sc. Physics	2010-2012	20	18	90
	2011-2013	24	18	75
	2012-2014	25	20	80
	2013-2015	26	22	84.61
	2014-2016	25	18	72
M.Sc. Biochemistry	2010-2012	26	25	96.15
	2011-2013	23	23	100
	2012-2014	25	22	88
	2013-2015	12	10	83.33
	2014-2016	18	18	100
M.Sc. Chemistry	2010-2012	20	19	95
	2011-2013	26	24	92.31
	2012-2014	20	13	65
	2013-2015	26	18	69.23
	2014-2016	26	16	61.54
M.Com.	2010-2012	30	13	43.33
	2011-2013	27	24	88.89
	2012-2014	23	17	73.91
	2013-2015	43	29	67.44
	2014-2016	37	36	97.3

M.Sc. Computer Science	2010-2012	11	11	100
	2011-2013	24	24	100
	2012-2014	24	24	100
	2013-2015	19	19	100
	2014-2016	26	26	100
M.Sc. Info. Tech.	2010-2012	22	22	100
	2011-2013	23	23	100
	2012-2014	14	14	100
	2013-2015	-	-	-
	2014-2016	8	8	100
M.A. English	2010-2012	-	-	-
	2011-2013	15	10	66.67
	2012-2014	42	40	95.24
	2013-2015	34	26	76.47
	2014-2016	37	30	81.08
M.A. History	2010-2012	-	-	-
	2011-2013	8	7	87.5
	2012-2014	-	-	-
	2013-2015	-	-	-
	2014-2016	-	-	-
M.S.W.	2010-2012	-	-	-
	2011-2013	-	-	-
	2012-2014	16	15	93.75
	2013-2015	16	16	100
	2014-2016	11	10	90.91

Any additional information regarding Teaching, Learning and Evaluation, which the institution would like to include.

MOODLE based Teaching-Learning

MOODLE is a practice followed by the department of Computer Applications. MOODLE is an online tool which is used to extend the scope of teaching and learning to a broader level. Using MOODLE the staff members will upload the course materials prepared by them and this will enable the students to access the same online from anywhere. Many students are finding this method useful.

Computer based test for CIA

To reduce time and the use of papers on trial basis a computer based test is conducted in selected subjects for CIA. The students can take up multiple choice questions and have to answer them within a given period of time. The results are available immediately after the exam. Both students and staff members find this useful in terms of time consumption. The department of Computer Applications has conducted this type of test for their students.

External Evaluation

To maintain quality and to have accountability question paper setting is done by faculty from other institutions. Also in case of evaluation all the examiners are external members for the PG courses. However for the UG courses two third of the examiners are external members.

CRITERION III: RESEARCH, CONSULTANCY AND EXTENSION

3.1 Promotion of Research

3.1.1 Does the College have a research committee to monitor and address the issues of research? If yes, what is its composition? Mention a few recommendations which have been implemented and their impact.

Yes. A *Research Committee* comprising representatives from the departments is taking care of minor issues related to research activities of the departments.

An *Apex Research Committee* is also available which finalizes and approves proposals from Research Committee and takes care of major issues related to the research at the institutional and inter-institutional level.

Recommendations	Impact
To introduce research programmes in M.Phil. History, Microbiology, Biochemistry and English	Courses introduced
To introduce research programmes in Ph.D. Chemistry, Commerce, History, Microbiology and Biochemistry	Courses introduced
To establish common research laboratory for science courses	Common Instrumentation Center established
To establish separate research laboratory for M.Phil. Physics, Chemistry, Microbiology and Biochemistry	Laboratories established
To introduce award for publications to promote research	Award introduced

3.1.2 What is the policy of the College to promote research culture in the College?

To regulate, monitor and to frame policies on research related activities in the institution research committees (*Research Committee* and *Apex Research Committee*) are available.

To promote and facilitate research activities a *Research Development Cell* is functioning in the college.

Periodical upgradation of instruments and equipments to facilitate research is ensured.

Seminars and Workshops on research are conducted regularly.

Special leave is given for staff members who pursue Ph.D. programme.

Staff members and students are encouraged to apply for external funding for carrying out research and to conduct seminars and workshops. Necessary facilities are provided for the same.

Online and print journals are subscribed exclusively for research.

Awards are given for outstanding publication in journals.

3.1.3 List details of prioritized research areas and the areas of expertise available with the College.

Sl. No.	Department	Thrust Areas of research
1	Mathematics	<ul style="list-style-type: none"> • Fuzzy soft matrix • Dominated colouring of graphs • Fuzzy graphs • Differential equations • Fuzzy modeling • Fuzzy topology
2	Physics	<ul style="list-style-type: none"> • Nanotechnology • Thin film technology • Ultrasonics • Computational physics • Crystal growth • Material science • Ferrites
3	Chemistry	<ul style="list-style-type: none"> • Theoretical and computational chemistry • Synthetic organic chemistry • Physical organic chemistry • Green chemistry • Environmental chemistry
4	Biochemistry	<ul style="list-style-type: none"> • Clinical Biochemistry • Environmental Toxicology • Nutritional Biochemistry • Biomaterials • Nano Biotechnology • Phyto chemistry

5	Microbiology	<ul style="list-style-type: none"> • Infectious Disease Surveillance • Marine Microbiology • Immunology • Antimicrobial resistance • Biodegradation
6	Computer Science	<ul style="list-style-type: none"> • Data mining • Knowledge management • Artificial Intelligence • 4G Technology • Quantum computing
7	Computer Applications	<ul style="list-style-type: none"> • Multimedia • Data Mining • Cloud computing
8	Commerce	<ul style="list-style-type: none"> • Human resource management • Finance • Marketing • Entrepreneurship
9	History	<ul style="list-style-type: none"> • Religion and Philosophy • Jains and Tamil Literature • Christian Missionaries and upliftment of downtrodden people
10	English	<ul style="list-style-type: none"> • Indian English Literature • African Literature • American Literature
11	Tamil	<ul style="list-style-type: none"> • Sangam Literature – Flower • Archaeological Research
12	Social Work	<ul style="list-style-type: none"> • Human Resource Management • Medical and Psychiatric • Community Development
13	Zoology	<ul style="list-style-type: none"> • Solid waste management
14	Statistics	<ul style="list-style-type: none"> • Stochastic processes with models
15	Economics	<ul style="list-style-type: none"> • Welfare Economics • Health Economics
16	Psychology	<ul style="list-style-type: none"> • Mental health

3.1.4 What are the proactive mechanisms adopted by the College to facilitate smooth implementation of research schemes / projects?

- **advancing funds for sanctioned projects**
- **providing seed money**
- **autonomy to the principal investigator / coordinator for utilizing overhead charges**
- **timely release of grants**
- **timely auditing**
- **submission of utilization certificate to the funding authorities**

The college has been granted with 12(B) status only recently and yet to receive funding for projects from the UGC. Necessary pre-arrangements have been made for advancing funds, separate account, etc.

3.1.5 How is interdisciplinary research promoted?

- **between/among different departments of the College and**

Interdisciplinary research is encouraged between the departments and a planning meeting has been conducted in this regard.

A project has been jointly initiated by the Departments of Microbiology and Department of Social Work of the college.

In addition, PG and M.Phil. research projects of departments like Chemistry, Microbiology and Biochemistry include interdisciplinary work as a part. Natural and synthetic compounds prepared by the Departments of Biochemistry and Chemistry are tested for anti-microbial activity in the Department of Microbiology.

- **collaboration with national / international institutes / industries.**

The college has recently signed a MoU with *Faculty of Science, Universiti Teknologi Malaysia, Malaysia* to promote educational and research collaboration.

MoUs have also been signed with *Study Metro Pvt. Ltd., Bengaluru, ICT Academy of Tamil Nadu, and Tata Consultancy Services Limited.*

PG and Research Department of Physics has taken initiative to sign a *Memorandum of Understanding* with *King Saud University, Saudi Arabia.*

3.1.6 Enumerate the efforts of the College in attracting researchers of eminence to visit the campus and interact with teachers and students?

Eminent scientists from various disciplines are frequently invited to the institutions to share their expertise to the faculty and students.

Interactive sessions are arranged to benefit both staff and students.

Sl. No.	Researchers	Date / Year	Department
1.	Dr. Shibu Nair	2012	Zoology
2.	Dr. P. Parameswaran Senior Scientific Officer (‘G’ Grade) Indira Gandhi Centre for Atomic Research, Kalpakkam	06-05-2013	Physics
3.	Dr. R. Jayavel Director Nano Science Division Anna University, Chennai	17-10-2014	Physics
4.	Dr. Lal Bahadur Verma Professor (Rtd.) of Indian History Allahabad University Allahabad	02-01-2014	History
5.	Dr. S. Ponmariappan Scientist-D, Biotechnology Division, DRDE/DRDO, Gwalior	20-02-2016	Microbiology

Apart from renowned scientists, alumni of the college who are working as researchers in national and international institutes are invited to give lectures and interact with the staff and students.

Sl. No.	Researchers	Date	Department
1.	Dr. S. Mannathan Post Doctoral Fellow National Tsing Hua University Taiwan	07-01-2014	Chemistry
2.	Dr. L. Sivachandran Post Doctoral Fellow Departement Chimie et Environnement Mines, Douai, France	21-01-2014	Chemistry

3.1.7 What percentage of faculty have utilized sabbatical leave for research activities? How has the provision contributed to the research quality and culture of the College?

No.

3.1.8 Provide details of national and international conferences organized by the College highlighting the names of eminent scientists/scholars who participated in these events.

Sl. No.	Seminar / Conference	Date	Eminent Scientists / Scholars
Department of Mathematics			
1	Seminar on Invention by Mathematicians	14-07-2011	Prof. Dr. K. Vairamanickam , Dept. of Science and Humanities, Krishnaswamy College of Engineering & Technology, Cuddalore-1.
2	The National Workshop On ETMOS' 12	22-03-2012	Prof. U. Rizwann , HOD, Islamiah College, Vaniyambadi. Prof. Dr. M. Reni Sagayaraj , HOD, Sacred Heart College, Thirupattur. Prof. Dr. T. Pathinathan , Loyola College, Chennai. Prof. Dr. N. Thillaigovindan , HOD, Annamalai University.
3	National Conference on “Recent Trends On Application of Mathematics”	28-02-2014	Dr. V. Ganesh , Rajiv Gandhi College of Engineering & Technology, Puducherry. Dr. M. Gunasegaran , Sri. Subramaniya Swamy Govt. Arts College, Tiruttani. Dr. V. Jude Anne Cynthia , Stella Maris College, Chennai.
4	Seminar on “Multi Attribution Decision Making”	22-08-2014	Dr. Joseph M. Arul Asst. Prof, Dept of Computer Science & Information Engineering, Fu Jen Catholic University, Taiwan.
5	Instructional Workshop on “RESEARCH METHODS AND LATEX”	14-12-2015 & 15-12-2015	Prof. J. Gerard Rosario , IFET College, Villupuram.
Department of Physics			
1	National Workshop on Material Science and Theoretical physics	02-09-2015 & 03-09-2015	Dr. I. Hubert Joe Assistant Professor Mar Ivanios College Thirvananthapuram, Kerala Dr. B. Karthikeyan Assistant Prof. Department of Chemistry Annamalai University, Chidambaram Dr. N. Sundaraganesan Professor Department of Physics (FEAT) Annamalai University, Chidambaram

			<p>Dr. S. Periyandy Associate Professor Tagore Arts College, Puducherry</p> <p>Dr. V. Periyamayagasamy Assistant Professor Department of Chemistry St. Joseph's College of Arts & Science (Autonomous), Cuddalore</p> <p>Dr. S. Ramalingam Assistant Professor, Department of Physics A.V.C. College, Mayiladuthurai.</p>
2	National Level Robotics Workshop	26-02-2015 & 27-02-2015	<p>Mr. Raunak Patel NRC 15 India Head, IIT, Mumbai.</p> <p>Mr. Mandar Kanni IIT, Mumbai.</p>
3	National Workshop On Instrumentation & Characterization XRD & TEM	25-10-2014	<p>Dr. P. Parameswaran Scientific Officer, Kalpakkam.</p> <p>Dr. S. Murugesan Scientific Officer, Kalpakkam.</p>
4	Seminar on Recent Trends in Nanoscience and Nanotechnology	17-10-2014	<p>Dr. R. Jayavel Director, Nano Technology Division Anna University, Chennai.</p>
5	International Conference on Emerging Trends in Physics	21/02/2013 & 22/02/2013	<p>Dr. A. L. Roy Vellaisamy Scientist and Head, City University, Hong Kong.</p> <p>Dr. W. Wongkokua Department of Physics Faculty of Science, Kasetsart University Bangkok, Thailand</p> <p>Dr. N. Monarumit Department of Earth Science Faculty of Science, Kasetsart University Bangkok, Thailand</p> <p>Dr. S. Gunasekaran Spectro Physics, Research Laboratory Pachaiyappa's College, Chennai</p> <p>Dr. S. Jerome Das Department of Physics Loyola College, Chennai</p> <p>Dr. D. Rajan Babu School of Advanced Sciences VIT University, Vellore</p> <p>Prof. C. V. Venkatramanaan SCSVMU, Kanchipuram</p> <p>Dr. M. C. Rao Department of Physics Andhra Loyola College Vijayawada</p>

			Deepa Gupta Department of Mathematics Amrita School of Engineering Bangalore Karnataka
6	National Workshop on Emerging Trends in Communication System	10-02-2012	Dr. Sampath Scientist (Rtd.), DRDO
Department of Chemistry			
1	Seminar on DENDRIMERS	01-08-2014	Dr. M. Kathiresan Inspiring Faculty CECRI, Karaikudi
2	National Workshop on Modern methods in organic synthesis	16-02-2016 & 17-02-2016	Prof. H. Suryaprakash Rao Department of Chemistry Pondicherry University, Puducherry. Prof. S. Kabilan Department of Chemistry Annamalai University Annamalai Nagar, Chidambaram. Dr. K. Gopu Deputy Manager Anthen Bioscience Pvt. Ltd., Bangalore Dr. U. Deva Priyakumar IIIT-H, Hyderabad
Department of Microbiology			
1	Seminar on Bacteria for better health - Probiotics	09-01-2013	Dr. N. Ramanathan Professor and Head, Department of Microbiology, Annamalai University, Chidambaram
2	Seminar on Metagenomics	27-07-2015	Dr. V. S. Saravanan Dept. of Microbiology Indira Gandhi College of Arts & Science, Puducherry
3	National Workshop on Curriculum Designing in Microbiology	18-02-2016 & 19-02-2016	Dr. K. K. Anil Kumar Associate Professor & Head, Dept. of Microbiology St. Pius X College, Kasaragod, Kerala. Dr. A. Michael Associate Professor & Head, Dept. of Microbiology PSG College of Arts & Science (Autonomous), Coimbatore. Dr. K. Sundar Professor & Head Dept. of Biotechnology Kalasalingam University Virudhunagar. Dr. S. Ponmariappan Scientist-D, Biotechnology Division DRDE-DRDO, Gwalior.

			<p>Mr. J. Sujakaran Manager - QA Compliance Training, Hospira / Pfizer, Chennai.</p> <p>Dr. Joseph Selvin Coordinator, Department of Microbiology Pondicherry University, Puducherry.</p>
4	National Level students Seminar on Recent Trends in Biological Research	20-02-2016	<p>Dr. S. Ponmariappan Scientist-D Biotechnology Division DRDE-DRDO, Gwalior.</p> <p>Dr. I. Geetha Technical Assistant Unit of Microbiology & Immunology Vector Control Research Centre (ICMR) Puducherry.</p> <p>Dr. S. Joseph Christian Daniel Head, Dept. of Microbiology St. Joseph's College of Arts & Science (Autonomous), Cuddalore.</p>
Department of Biochemistry			
1	Seminar on Biochemistry in Health & Environment	09-03-2013	<p>Dr. M. Patrick Gomez Director of Research School of Biotechnology & Health Sciences, Karunya University Coimbatore.</p> <p>Dr. K. Srikumar Professor & Head Dept. of Biochemistry & Molecular Biology Pondicherry University, Puducherry</p> <p>Dr. R. Anandhan Senior Scientist Biochemistry & Nutrition Division Centre for Fisheries Technology Cochin, Kerala</p> <p>Dr. Arunkumar Dhayalan Dept. of Biotechnology Pondicherry University Puducherry.</p> <p>Dr. S. Vincent Dean of Research Loyola College (Autonomous) Chennai.</p>
2	National workshop on Statistical Methods In Biological Research	24-02-2016	<p>Dr. A. John William Felix Reader cum Statistician Raja Muthaiah Medical College, Annamalai University, Chidambaram.</p>

Department of Computer Science			
1	COMPEIN' 11	30-09-2011	Mr. Zulfiqarali Kamal Hyderabad
2	COMPEIN' 12	28-09-2012	Dr. Kumarasan Raja Puducherry
3	COMPEIN' 13	11-10-2013	Mr. M.O.H.F. Shahjahan Ex-Minister, Puducherry.
4	COMPEIN 2K15	21-02-2015	Mr. M. Leenus Assistant Professor Periyar Govt. Arts College Cuddalore
5	COMPEIN' 16	07-03-2016	Mr. Martin MVEC, Puducherry and RTN. Piraiyon Rotary Governor
6	National Level Seminar on Perspectives on Research Methods	28-03-2016	Dr. Nandhini Assistant Professor Pondicherry University Puducherry Dr. Kalpana Assistant Professor Pondicherry Engineering College Puducherry
Department of Computer Applications			
1	National Level Workshop on Android Applications	11-07-2013 & 12-07-2013	Mr. Saranraj CEO, Hexcon Infotech Chennai
2	National Level Workshop on Multimedia and Visual effects	14-08-2013	Mr. S. Sidanandam Managing Director Akash Animation, Puducherry.
3	National Level Workshop on Android Application Development	31-07-2015	Mr. Rafee Director, LeMeniz InfoTech, Puducherry.
4	International Seminar on Industrial needs for IT market and Career Guidance	10-03-2016	Mr. Rodney, IBM Australia Global Mr. Steve Solley, IBM Australia Global
5	National Level Workshop on MATLAB	16-03-2016	Mr. Raushan Kumar Singh Director Spectrum Solutions Puducherry
Department of Statistics			
1	Workshop on "Statistical tools for research"	07-01-2016	Dr. H. Alexis Selvaraj Dept. of Statistics Periyar E.V.R.College (Autonomous) Tiruchirappalli.

Department of Zoology			
1	Mushroom Cultivation & Vermitechnology.	15-09-2011	Dr. L.D.C. Henry Senior Lecturer in Plant Pathology Faculty of Agriculture Annamalai University Annamalai Nagar
2	Emu Farming	14-02-2012	Dr. A. Vigil Anbaiyah Asst. Professor, Division of Animal Husbandary and Veterinary Science, Faculty of Agriculture Annamalai University Annamalai Nagar
3	Present perspectives of drug discovery from marine natural products.	13-08-2015	Dr. Aldouse Huxley Asst. Professor Department of Zoology Govt. College of Arts & Science Thiruvarur
Department of Psychology			
2	Behavior Modification among college students	23-01- 2016	Mr. C. K. Dhanapandian P. Krishnamurthy Rehabilitation Psychologist Tamil Nadu Psychology Association
Department of Commerce			
1	Student's Eye, A State Level Students Seminar	23-02-2012	Dr. N. Panchanatham Director for School of Management Annamalai University, Annamalai Nagar. Dr. D. Elangovan Professor, Department of Commerce, Annamalai University, Annamalai Nagar.
2	7 th Students' Eye	10-02-2014	Mr. Radhakrishnan Hon'ble Speaker, Puducherry Assembly
3	8 th Students' Eye	24-09-2014	Dr. D. Elangovan Professor, Dept. of Commerce Annamalai University Annamalai Nagar Dr. S. Soosai John Rosario Dept. of Commerce Periyar Govt. Arts College Cuddalore Dr. A. William Associate Prof. of Economics A. A. Govt. Arts College, Villupuram Mr. A. David Soundar Dept. of English Periyar Govt. Arts College Cuddalore

4	International conference on Contemporary Developments and Challenges in HRM (ICCODAC – HRM)	13-03-2015 & 14-03-2015	Fr. N. Casimir Raj , President and Founder Director, LIBA, Chennai Mr. Alain Bories , Founder and Director INDO LOGIC Pvt. Ltd., France
5	9 th Students' Eye	09-09-2015	Rev. Fr. Paul Raj Kumar Secretary, St. Anne's Arts and Science College, Tindivanam. Rev. Fr. Dr. Andrew Principal, St. Joseph's College, Trichy.
6	Workshop on Research methodology	03-02-2016 & 04-02-2016	Dr. N. Viswanathan Principal, Periyar Govt. Art Collge, Cuddalore. Dr. M. Kasilingam Associate Professor, Pondicherry University, Puducherry.
Department of History			
1	International Conference on Emerging trends and Prospects in Historiography	23-03-2013	Dr. N. Rajendran Dean of Arts, Professor and Head, Department of History, Bharathidasan University, Tiruchirappalli Dr. G. Venkataraman Professor and Head, Department of Indian History, University of Madras, Chennai Dr. Ravi Vaitheespara Associate Professor in History, University of Manitoba Winnipeg, Canada Dr. G. J. Sudhakar Associate Professor in History, Loyola College (Autonomous), Chennai Dr. A. Karunakaran Professor (Rtd.), Vivekananda College, Chennai Dr. S. S. Sundaram Associate Professor, Department of Indian History, University of Madras, Chennai. Dr. R. Sthanislaus Associate Professor of History Govt. Arts College, Thiruvannamalai Dr. V. Thirumurugan Associate Professor in History, Annamalai University, Chidambaram.

			Dr. Anuzsiya Senathirajan Senior Lecturer in History, Faculty of Arts and Culture, South Eastern University of Srilanka, Srilanka
2	Twenty first Annual Session of the Tamil Nadu History Congress	26-09-2014 to 28-09-2014	Dr. G. Viswanathan Vice-Chancellor, Tamil Nadu Teachers Education University, Chennai Dr. N. Rajendran Dean of Arts, Professor and Head, Department of History, Bharathidasan University, Tiruchirappalli Prof. P. Jagadeesan Former Vice-Chancellor, Bharathidasan University, Tiruchirappalli Dr. S. Ganesh Ram Registrar, Tamil University, Tanjore Dr. A. Karunakaran Professor (Rtd.), Vivekananda College, Chennai Dr. H. Munavarjan Associate Professor of History C. Abdul Hakeem College, Melvisharam Dr. N. Alagappan Former Professor and Head, Department of History Annamalai University, Chidambaram Dr. Y. Subbarayalu Head, Department of Indology French Institute, Puducherry
3	Symposium on History a Colonial City Cuddalore : Its Trade Polity and Heritage	30-01-2015	Dr. V. Thirumurugan Associate Professor of History, Annamalai University, Chidambaram.
4	Symposium on Saints of Cuddalore Region	06-01-2016 & 07-01-2016	Dr. H. Munavarjan Syndicate member, Thiruvalluvar University, Vellore.
Department of English			
1	MIRROR – A State Level Seminar	22-02-2016	Dr. L. Kulanthai Teresa Fatima Associate Professor, C. Kandaswami Naidu College for Women, Cuddalore. Dr. Kalpalatha Associate Professor, C. Kandaswami Naidu College for Women, Cuddalore. Dr. Ravi Associate Professor, Periyar Govt. Arts College, Cuddalore.

			Dr. Adinarayanan Associate Professor, Vivekananda Arts & Science College, Villupuram.
Department of Social Work			
1	Workshop on “Growing distance between Families”	23-02-2013	Mr. K. Uthirapathy Principal District & Sessions Judge Cuddalore District
2	Workshop on “ <i>Impact of Social Networking among youth</i> ”	26-09-2013	Mr. C. L. Ananda Kumar Selvaraj Deputy Director Planning and Research Department Govt. of Puducherry, Puducherry
3	National level workshop on Research methods using SPSS	13-02-2015 & 14-02-2015	Dr. A. J. Christopher Principal Sangamam College of Arts & Science, Gingee.
4	Seminar on Harassment against Women and Transgender	08-10-2015	Mrs. Arul Selvi Principal Prof. Annousamy Hr. Sec. School, Bahour. Ms. Sheetal Nayak Managing Director Schod Society, Puducherry.
5	National Level Social Media Talent Expo among College students	26-02-2016	Mr. Prabhu Solomon Film Director, Chennai.

3.1.9 Details on the College initiative in transferring / advocating the relative findings of research of the College and elsewhere to the students and the community (lab to land).

PG and Research Department of Biochemistry carries out testing the blood group of the students every year and the result is used to mention the blood group in the ID card.

PG and Research Department of Microbiology has conducted a study on *Hepatitis C Seroprevalence among patients undergoing dialysis* and *Hepatitis B Seroprevalence among the students and public* as part of a PG project.

Department of Zoology organizes programmes on *Vermicomposting Technology* and *Mushroom Cultivation* for the benefit of the students and the public.

3.1.10 Give details on the faculty actively involved in research (Guiding student research, leading research projects, engaged in individual or collaborative research activity etc.)

Sl. No.	Name	M.Phil.	Ph.D.
History			
1	Dr. S. Chinnappan	✓	✓
Mathematics			
2	Mr. J. Jon Arockiaraj	✓	
3	Mr. T. Henson	✓	
4	Mrs. A. Arockiamary	✓	
5	Mr. S. Johnson Savarimuthu	✓	
6	Mr. A. Virgin Raj	✓	
7	Mrs. L. Jethruth Emelda Mary	✓	
8	Mr. J. Arockia Aruldoss	✓	
Physics			
9	Dr. A. Christy Ferdinand	✓	
Chemistry			
10	Dr. V. Periyamayagasamy	✓	
11	Mrs. S. Jancy Sophia	✓	
12	Mr. C. Lourdu Edison Raj	✓	
13	Mr. A. Amalorpavadoss	✓	
14	Dr. R. Banurekha	✓	
Computer Science			
15	Mr. M. Arumai Selvam	✓	
16	Mrs. R. Vidya	✓	
17	Mrs. T. Miranda Lakshmi	✓	
18	Mrs. C. Christy	✓	
Computer Applications			
19	Mr. A. John Pradeep Ebenezer	✓	
20	Mrs. R. Roseline	✓	
21	Mr. G. Suresh	✓	
22	Mrs. A. Lourdu Caroline	✓	
Biochemistry			
23	Dr. P. Marie Arockianathan	✓	

24	Mrs. S. Celine Hilda Mary	✓	
25	Dr. V. Ramnath	✓	
26	Mrs. D. Leema Rose Mary	✓	
27	Mr. A. Lawrence	✓	
Microbiology			
28	Dr. S. Joseph Christian Daniel	✓	
Commerce			
29	Dr. I. Savarimuthu	✓	
30	Dr. A. Premkumar	✓	
31	Dr. R. Krishna Kumar	✓	✓
32	Dr. L. Santharaj	✓	
33	Mr. A. Radhakrishnan	✓	
English			
34	Mr. V. R. Suresh Kumar	✓	
35	Mrs. T. Jacqueline Suganthi	✓	
36	Mrs. X. Ann Lanka Jeyadharshini	✓	

Number of faculty involved in research - Guiding PG Projects

Sl. No.	Department	Number of Guides
1	Mathematics	1
2	Physics	11
3	Chemistry	6
4	Microbiology	9
5	Biochemistry	5
6	Computer Science	13
7	Commerce	14
8	History	2
9	Social Work	3
10	English	5
Total		69

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 for last four years.

Approximately 3 percent of the total expenditure is spent on research.

Year	Chemical / Lab Materials	Library Books and Journals	Computers / Software	Seminars	Percentage Spent
2015-16	1953497	350286	1190580	1104467	2.57
2014-15	1875873	204703	189990	836312	2.18
2013-14	861874	245621	285592	1507915	2.01
2012-13	1688213	88401	946680	1061818	3.31
2011-12	1789708	283478	932234	890634	3.04

3.2.2 What are the financial provisions made in the College budget for supporting student research projects?

Chemicals, Glassware and Equipments for basic research carried out by the students are made available by the college.

3.2.3 Is there a provision in the institution to provide seed money to faculty for research? If so, what percentage of the faculty has received seed money in the last four years?

No

3.2.4 Are there any special efforts made by the College to encourage faculty to file for patents? If so, provide details of patents filed and enumerate the sanctioned patents.

The college encourages the faculty to do research and file patents.

3.2.5 Provide the following details of ongoing research projects:

	Year wise	Number	Name of the project	Name of the funding agency/ Industry	Total grant received
A. College funded					
Minor projects	2015-16	1	Socio Economic and Health status of Irula tribes of Cuddalore District	Intramural	Rs.15,000/-
Major projects	Nil				
Along with Industry	Nil				
B. Other agencies - national and international (specify) : Nil					
C. Industry sponsored : Nil					

3.2.6 How many departments of the College have been recognized for their research activities by national / international agencies (UGC-SAP, CAS, DST-FIST; DBT, ICSSR, ICHR, ICPR, etc.) and what is the quantum of assistance received? Mention any two significant outcomes or breakthrough due to such recognition.

The Department of History received Rs.1,50,000/- from Indian Council of Historical Research (ICHR) to conduct the seminar *History of a Colonial City: Cuddalore, its Policy, Trade and Heritage*

3.2.7 List details of completed research projects undertaken by the College faculty in the last four years and mention the details of grants received for such projects (funded by Industry / National / International agencies).

Sl. No.	Year	Title	Funded by	Amount
1	2012-15	Estimation of Hepatitis among Irula Tribes of Tamil Nadu and Puducherry	Indian Council of Medical and Research (Collaborative project with Sri. Ramachandra Medical College and Research Institute, Chennai)	Rs.22,00,000/-

2	2012-13	Creating awareness programme among rural students, Self help groups and Farmers-Phase II	Tamil Nadu State Council For Science and Technology	Rs.1,40,000/-
3	2013-14	Young Students Scientist Programme	Tamil Nadu State Council For Science and Technology	Rs.3,00,000/-
4	2015-16	Seminar on Metagenomics	Tamil Nadu State Council For Science and Technology	Rs.15,000/-
5	2014-15	Seminar on History of a Colonial City: Cuddalore, its Policy, Trade and Heritage	Indian Council of Historical Research	Rs.1,50,000/-

3.3 Research Facilities

3.3.1 What efforts are made by the College to keep pace with the infrastructure requirements to facilitate Research? How and what strategies are evolved to meet the needs of researchers?

Whenever a new course is introduced the necessary infrastructure is established based on requirements and suggestions given by the concerned faculty.

New instruments are purchased for the new courses and advanced instruments are included for research programmes.

Laboratory facilities are newly created with the introduction of new courses and laboratories extended to accommodate new instruments and students / scholars.

Apart from new establishments, the departments are constantly upgrading their research facilities to keep pace with the development in the respective fields.

Newly established / upgraded / extended laboratories

Sl. No.	Laboratory
1	PG and Research Laboratory for Chemistry
2	PG and Research Laboratory for Physics
3	PG and Research Laboratory for Microbiology
4	PG and Research Laboratory for Biochemistry
5	Common Instrumentation Centre
6	Quantum Computational Research Laboratory

Details of newly purchased instruments

Sl. No.	Instrument	No.
Biochemistry		
1	UV Spectrophotometer	1
2	Cooling Centrifuge	1
3	Clinical Centrifuge	1
4	Muffle Furnace	1
5	Magnetic Stirrer	1
6	Water Bath	1
7	Distillation Unit	1
8	Colori Meter	1
9	Electronic Balance	1
10	pH Meter	1
11	Incubator	1
Microbiology		
1	ELISA Reader	1
2	Orbital Shaker	1
3	Laminar Airflow Unit	2
4	Micro Centrifuge	1
5	UV Trans-illuminator	1
6	Electrophoresis Apparatus	1
Chemistry		
1	Electronic Digital Balance	1
2	Centrifuge	1
3	Conductivity meter with cell	1
4	Potentiometer with cell	1
Physics		
1	Magnetic Stirrer with Heater	1
2	Centrifuge	1
3	Ultrasonic Interferometer Liquids	1

3.3.2 Does the College have an information resource centre to cater to the needs of researchers? If yes, provide details on the facility.

The college has a *Research Development Cell (RDC)* which disseminates information on research related activities.

Details of funding agencies, circulars regarding research projects are circulated to the faculty, scholars and students through RDC.

A coordinator is available in the RDC for this purpose.

3.3.3 Does the College provide residential facilities (with computer and internet facilities) for research scholars and faculty?

The college hostel and the guest house are available for temporary accommodation.

3.3.4 Does the College have a specialized research centre / workstation to address challenges of research programmes? If yes, give details.

The *Common Instrumentation Centre* is being established to act as a specialized research centre.

Quantum Computational Research Laboratory (QCR Lab) is functional in the PG and Research Department of Physics which carries out research in the field of spectroscopy and quantum physics.

3.3.5 Does the College have research facilities (centre, etc.) of regional, national and international recognition / repute? Give a brief description of how these facilities are made use of by researchers from other laboratories.

Quantum Computational Research Laboratory (QCR Lab) of the PG and Research Department of Physics has gained reputation at the regional level and researchers from nearby institutions are utilizing the facility for research.

Details of researchers using QCR Lab.

Sl. No.	Name of the institution	No. of Researchers
1	Bharathidasan University, Tiruchirappalli	1
2	Annamalai University, Annalamai Nagar	2
3	Bharathiar University, Coimbatore	5
4	Periyar Maniammai University, Tanjore	3
5	Kanchi Mamunivar Centre for Post Graduate Studies, Puducherry	1
6	Periyar EVR Govt. Arts College, Tiruchirappalli	6
Total		18

Details of papers published for which QCR Lab is utilized.

Details	Number
Number of papers published	9
Number of papers under review	7

3.4 Research Publications and Awards

3.4.1 Highlight the major research achievements of the College through the following:

- major papers presented in regional, national and international conferences

Details	No. of Papers Presented
International (within the country + outside the country)	245+1
National	313
State / Regional Level	6
Total	565

- **publication per faculty**
3.07
- **faculty serving on the editorial boards of national and international journals**

S. No.	Staff Name	Title of the Journal
1	Rev. Fr. S. Xavier Dept. of Physics	St. Joseph's Journal of Humanities and Science
2	Dr. S. Chinnappan Principal	St. Joseph's Journal of Humanities and Science
3	Mr. M. Arumai Selvam Dept. of Computer Science	St. Joseph's Journal of Humanities and Science
4	Dr. V. Periyayagasamy Dept. of Chemistry	St. Joseph's Journal of Humanities and Science
5	Dr. S. Joseph Christian Daniel Dept. of Microbiology	St. Joseph's Journal of Humanities and Science

- **faculty serving as reviewers for national and international journals**

S. No.	Staff Name	Title of the Journal
1	Rev. Fr. S. Xavier Dept. of Physics	<ul style="list-style-type: none"> • Spectrochim. Acta - A Molecular and Biomolecular Spectroscopy (Elsevier Publications) • Journal of Molecular Structure (Elsevier Publications) • Journal of Computational Science (Elsevier Publications) • Journal of Main Group Chemistry (Iran Publications)
2	Dr. S. Sebastian Dept. of Physics	<ul style="list-style-type: none"> • Spectrochim. Acta A Molecular and Biomolecular Spectroscopy (Elsevier Publications) • Journal of Molecular Structure (Elsevier Publications) • Journal of Computational Science (Elsevier Publications) • Molecular Simulation (Taylor & Francies Publications)

		<ul style="list-style-type: none"> • Indian Journal of Pure and Applied Physics (NISCAR Publication) • Journal of Fullerenes, Nanotubes and carbon nanotubes, Taylor and Francis Publishers. • Computational Chemistry, Hindawi Publishing Corporation, USA.
3	Dr. P. Praveen Dept. of Physics	<ul style="list-style-type: none"> • Spectrochim. Acta Part A: Molecular and Biomolecular Spectroscopy (Elsevier Publications) • St. Joseph's Journal of Humanities and Science.
4	Dr. P. Marie Arockianathan Dept. of Biochemistry	<ul style="list-style-type: none"> • International Journal of Nanotechnology (Dove Press) • Food Hydrocolloids (Elsevier Publications)

- **faculty members on the organization committees of international conferences, recognized by reputed organizations / societies**

S. No.	Staff Name	Organization / Institution
1	Dr. S. Joseph Christian Daniel	Annual Conference of Indian Association of Applied Microbiologists

3.4.2 Does the College publish research journal(s)? If yes, indicate the composition of the editorial board, publication policies and whether it is listed in international database?

The college publishes a research journal *St. Joseph's Journal of Humanities and Science*.

Editorial Board

The editorial board of the journal consists of a Chief Patron, one Editor-in-Chief, one Editor, three internal members and eleven external members. The members of the board are selected from diverse field of science and humanities.

Publication Policy

The journal is a biannual peer reviewed journal published by the

college. The articles published are the property of St. Joseph's College of Arts & Science (Autonomous), Cuddalore protected by copyright. The views expressed in the articles are that of the authors and in case of any dispute or breach of agreement, matters will be settled within the jurisdiction of Cuddalore. The articles can be submitted by researchers / scholars / professionals / educationists from anywhere in the world. The articles received will be scrutinized by the editorial board and will be reviewed by a subject expert drawn from the reviewers panel. For any correction the manuscript will be sent to the authors and the corrected manuscript will be published. There is no page charges for publishing.

The journal has yet to be listed in international database.

3.4.3 Give details of publications by the faculty:

- Number of papers published in peer reviewed journals (national / international)

Sl. No.	Department	No. of Papers Published (International / National)
1	Mathematics	76
2	Physics	31
3	Chemistry	21
4	Computer Science	68
5	Computer Applications	23
6	Biochemistry	41
7	Microbiology	16
8	Statistics	2
9	Zoology	8
10	Psychology	3
11	Commerce	97
12	English	45
13	History	7
14	Tamil	112
15	Social Work	4
16	Economics	2
Total		556

- **Monographs**

Nil

- **Chapters in Books**

S. No.	Staff Name	Title of the book	Name of the publisher & place	Year	ISBN-No
1	Dr. S. Silvan	Oral Cancer: An avoidable and preventable cancer	Rasi Printers Pvt Ltd Chidambaram	2012	978-93-5087-438-7
2	Mrs. S. Celine Hilda Mary	Environmental Studies	Vijay Nicole Imprints Pvt. Limited, Chennai.	2013	978-81-8209-343-0
3	Mrs. D. Leema Rose Mary	Environmental Studies	Vijay Nicole Imprints Pvt. Limited	2013	978-81-8209-343-0
4	Mr. A. Lawrence	Environmental Studies	Vijay Nicole Imprints Pvt. Limited	2013	978-81-8209-343-0
5	Mr. J. John Robert	Environmental Studies	Vijay Nicole Imprints Pvt. Limited	2013	978-81-8209-343-0
6	Mr. P. John Thomas	Environmental Studies	Vijay Nicole Imprints Pvt. Limited	2015	978-81-8209-343-0
7	Mrs. T. Asuntha Mary	Environmental Studies	Vijay Nicole Imprints Pvt. Limited	2013 & 2015	978-81-8209-343-0
8	Mr. A. Rayappan	Bridge Course	Vijay Nicole Imprints Pvt. Limited	2011	978-81-8209-305-8
9	Mrs. T. Jackuline Suganthi	Bridge Course	Vijay Nicole Imprints Pvt. Limited	2011	978-81-8209-305-8
10	Mrs. X. Ann Lanka Jeyadharshini	Bridge Course	Vijay Nicole Imprints Pvt. Limited	2011	978-81-8209-305-8
11	Mrs. P. Ida Joicey	Bridge Course	Vijay Nicole Imprints Pvt. Limited	2011	978-81-8209-305-8

12	Mr. A. Joseph Raj	Bridge Course	Vijay Nicole Imprints Pvt. Ltd., Chennai	2011	978-81-8209-305-8
13	Dr. L. Santharaj	Advertising And Sales Promotion	DDE, Pondicherry University, Puducherry		
14	Dr. L. Santharaj	Industrial Marketing	DDE, Pondicherry University, Puducherry		

- Editing Books**

Sl. No.	Staff name	Title of the Book	Name of the publisher and Place	Year	ISBN / ISSN
1	Mr. M. Arumai Selvam	Computer Literacy Programme	Vijay Nicole Imprints Private Limited, Chennai	2011	978-81-8209-306-5
2	Mrs. Jeyanthii Ravichandran	Bridge Course	Vijay Nicole Imprints Pvt. Ltd., Chennai	2011	978-81-8209-305-8
3	Mr. V. R. Suresh Kumar	Bridge Course	Vijay Nicole Imprints Pvt. Ltd., Chennai	2011	978-81-8209-305-8
4	Mrs. A. Arokia Mary	Value Education Personality Enrichment and Soft Skills	Vijay Nicole Imprints Private Limited, Chennai	2012	978-81-8209-331-7
5	Mrs. V. Sathana	Proceedings of International conference on Emerging Trends in Physics	Vijay Nicole Imprints Private Limited, Chennai	2013	978-81-8209-353-9
6	Dr. A. Christy Ferdinand	Proceedings of International conference on Emerging Trends in Physics	Vijay Nicole Imprints Private Limited, Chennai	2013	978-81-8209-353-9

7	Mr. J. Jon Arockiaraj	International Journal of Computing Algorithm	Integrated Intelligent Research, Chennai	2014	2278-2397 Vol.:03, May 2014
8	Dr. P. Marie Arockianathan	Environmental Studies	Vijay Nicole Imprints Private Limited, Chennai	2015	978-81-8209-343-0
9	Dr. S. Joseph Christian Daniel	Environmental Studies	Vijay Nicole Imprints Private Limited, Chennai	2015	978-81-8209-343-0
10	Mrs. P. Thenmozhi	Environmental Studies	Vijay Nicole Imprints Private Limited, Chennai	2015	978-81-8209-343-0
11	Dr. I. Savarimuthu	Proceedings of International Conference on Contemporary Developments and Challenges in Human Resource Management	Vijay Nicole Imprints Private Limited, Chennai	March 2015	978-81-8209-294-5
12	Mrs. E. Ruby Violet Rani	Value Education and Dynamics of Personality	Vijay Nicole Imprints Private Limited, Chennai	2016	--
13	Dr. M. Vanathaian	Text Book for Tamil Language (I Year B.A. / B.Sc.)	St. Joseph's College, Cuddalore	2015	--
14	Dr. M. Vanathaian	Text Book for Tamil Language (I Year B.A. / B.Sc.)	St. Joseph's College, Cuddalore	2016	--
15	Dr. M. Vanathaian	Text Book for Tamil Language (I Year B.Com. / B.Com. Bank Mgt. / B.C.A.)	St. Joseph's College, Cuddalore	2015	--

- Books with ISBN numbers with details of publishers

Sl. No.	Staff name	Title of the Book	Name of the publisher and Place	Year	ISBN
1	Dr. P. Marie Arockianathan	Objective Biochemistry	Veenus Publications, Cuddalore	2011	978-93-8037218-1
2	Mrs. A. Arokia Mary	Value Education Personality Enrichment and Soft Skills	Vijay Nicole Imprints Private Limited, Chennai	2012	978-81-8209-331-7

- Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)

105 journals in which the faculty have published their papers were listed in databases like, *Scopus*, *EBSCO*, *Proquest*, *Pubmed Central*, *Web of Science*, *Google Scholar*, *Scribd*, *Journal Seek*, *Open J Gate*, etc.

- Citation Index - range / average

S. No.	Name of Staff	No. of Citations
1	Rev. Fr. S. Xavier Dept. of Physics	25
2	Dr. S. Sebastin Dept. of Physics	695
3	Dr. P. Praveen Dept. of Physics	35
4	Dr. C. Yogambal Dept. of Physics	8
5	Dr. Joseph Christian Daniel Dept. of Microbiology	1
6	Mrs. T. Miranda Lakshmi Dept. of Computer Science	91

- SNIP

Range : 0.474 to 2.846

Average : 1.182

- **SJR**

Range : 0.18 to 4.308

Average : 0.819

- **Impact factor - range / average**

Range : 0.03 to 4.219 (Thomson Reuters)

Average : 2.278

Total Impact Factor : 207.33

- **h-index**

S. No.	Name of Staff	h-index
Department of Physics		
1.	Rev. Fr. S. Xavier	3
2.	Dr. S. Sebastian	15
3.	Dr. P. Praveen	3
4.	Dr. C. Yogambal	2
Department of Biochemistry		
5.	Dr. P. Marie Arockianathan	3
6.	Dr. K. Shagirtha	10
7.	Dr. S. Silvan	9
Department of Microbiology		
8.	Dr. S. Joseph Christian Daniel	1
Department of Computer Science		
9.	Mrs. R. Vidya	1
10.	Mrs. T. Miranda Lakshmi	5

3.4.4 Indicate the average number of successful M.Phil. and Ph.D. scholars guided per faculty.

Sl. No.	Year	Average No. of M.Phil. Scholars per faculty
1	2011-2012	2.5
2	2012-2013	3.1
3	2013-2014	3.3
4	2014-2015	2.7
5	2015-2016	2.9

At present 10 research scholars are pursuing their Ph.D. under the guidance of two research supervisors and the scholars are yet to submit the thesis.

3.4.5 What is the stated policy of the College to check malpractices and misconduct in research?

The departments that offer courses with project / dissertation have the practice of checking malpractices and misconduct in research. They also look for plagiarism in thesis / dissertation before submission.

3.4.6 Does the College promote interdisciplinary research? If yes, how many inter departmental / inter disciplinary research projects have been undertaken and mention the number of departments involved in such an endeavour.

The college promotes interdisciplinary research between the departments.

A project has been jointly initiated by the Department of Microbiology and Department of Social Work of the college.

In addition, PG and M.Phil. research projects of departments like Chemistry, Microbiology and Biochemistry include interdisciplinary work as a part. Natural and synthetic compounds prepared by the Departments of Biochemistry and Chemistry are tested for anti-microbial activity in the Department of Microbiology.

3.4.7 Mention the research awards instituted by the College.

Rev. Fr. G. Peter Rajendiram Award for Best Paper has been instituted in the year 2015 for the teaching staff who publish papers in reputed journals.

3.4.8 Provide details of

- **research awards received by the faculty**

S. No.	Name	Award	Awarded by
1	Rev. Fr. S. Xavier Dept. of Physics	Best Researcher Award	<i>National Conference on Functional and Basis Sets</i> , organized by Tagore Arts College, Puducherry held on 28-10-2015.
2	Dr. P. Suthigara Mary Dept. of Tamil	1. Kavi Thilagam	Solai Pathipagam
		2. Intamil Iniyar	Solai Pathipagam
		3. Bharathi Kavi Selvar	Solai Pathipagam
		4. Sirantha Kavithaiyaalar	Puducherry Arsu Kalai Panpattu Thurai, Puducherry
		5. Sirantha Penmani	Ilkiya Jothi
		6. Kathai Aaivu Sudar	Kongu Nadu Arts & Science College, Coimbatore
		7. Senthamizh Thilagam	Tamizh Aiya Kalvi Kazhgam
3	Mrs. F. Christy Belina Dept. of Tamil	Kathai Aaivu Sudar	Kongu Nadu Arts & Science College, Coimbatore
4	Mrs J. Devasena Dept. of Tamil	1. Sithandha Rathinam	Saiva Siddhadha Kazhagam, Thiruvavaduthurai
		2. Kathai Aaivu Sudar	Kongu Nadu Arts & Science College, Coimbatore

- recognition received by the faculty from reputed professional bodies and agencies

Sl. No.	Name of the staff	Details
1	Dr. S. Chinnappan	Syndicate Member Thiruvalluvar University Vellore
2	Mr. M. Arumai Selvam	Academic Council Member Thiruvalluvar University Vellore
3	Rev. Fr. S. Xavier	Editor-in-Chief St. Joseph's Journal of Humanities and Science
4	Dr. S. Joseph Christian Daniel	Executive Committee Member Indian Association of Applied Microbiologists
5	Dr. P. Marie Arockianathan	Member, Board of Studies in Biochemistry, Thiruvalluvar University, Vellore

3.4.9 State the incentives given to faculty for receiving state, national and international recognitions for research contributions.

Nil

3.5 Consultancy

3.5.1 What is the stated policy of the College for structured consultancy? List a few important consultancy services undertaken by the College.

The college encourages the faculty members to provide consultancy services to other organizations in their respective fields.

The college has a tie-up with *Pondicherry Multipurpose Social Service Society, Puducherry*, to which *Rev. Fr. S. Xavier, Dean of Studies* provides consultancy.

Mr. Durai Raj, Assistant Professor of Department of Social Work is a Project Consultant to *The Society of the Servants of Charity, Cuddalore*.

Dr. I. Savarimuthu, Assistant Professor and Head, Department of Commerce is a consultant to *Rural Education and Development*

Centre (REDC), Vandurayanpet, Cuddalore District and offers consultancy on Human Resource Management.

3.5.2 Does the College have College-industry cell? If yes, what is its scope and range of activities?

The college does not have a formal college-industry cell.

The *Career Guidance and Placement Cell* of the college interacts with the industry in arranging *Guest Lectures, Industrial Visits, Training Programmes*, etc.

The departments also directly interact with industries for *Industrial Visits, Training Programmes* and *Projects*.

3.5.3 What is the mode of publicizing the expertise of the College for consultancy services? Mention the departments from whom consultancy was sought.

The list of faculty with their expertise is uploaded in the college website for consultancy purposes.

- Department of Physics
 - *Rev. Fr. S. Xavier, Dean of Studies / Head, Department of Physics* provides consultancy to *Pondicherry Multipurpose Social Service Society, Puducherry*.
- Department of Social Work
 - *Mr. Durai Raj, Assistant Professor of Department of Social Work* is a Project Consultant to *The Society of the Servants of Charity, Cuddalore*.
- Department of Commerce
 - *Dr. I. Savarimuthu, Assistant Professor and Head, Department of Commerce* is a consultant to *Rural Education and Development Centre (REDC), Vandurayanpet, Cuddalore District*.

3.5.4 How does the College encourage the faculty to utilize the expertise for consultancy services?

The college publishes the list of faculty who are experts, along with the details of their expertise in the college website for consultancy.

3.5.5 List the broad areas of consultancy services provided by the College and the revenue generated during the last four years.

Rev. Fr. M. S. Xavier, Dean of Studies & Head of Department of Physics, is a consultant to *Pondicherry Multipurpose Social Service Society, Puducherry* and extending his consultancy service on projects related to *Disaster Management - Seismic and surface waves*.

Mr. Durai Raj, Assistant Professor of Department of Social Work is a consultant to *The Society of the Servants of Charity, Cuddalore* to prepare project proposals on *Sociological Studies*.

Dr. I. Savarimuthu, Assistant Professor and Head, Department of Commerce is a consultant to *Rural Education and Development Centre (REDC), Vandurayanpet, Cuddalore District* and offers consultancy on Human Resource Management.

The consultancy is provided free of charge on charity basis.

3.6 Extension Activities and Institutional Social Responsibility (ISR)**3.6.1 How does the College sensitize the faculty and students on Institutional Social Responsibilities? List the social outreach programmes which have created an impact on students' campus experience.**

To accomplish the vision and mission of the institution, which insist upon the social responsibility, the faculty and students are encouraged to take active part in social service activities carried out through the college.

Several clubs and social service organizations are available in the college and faculty members are given in-charges of the same. All students have the opportunity to become member of any of these organizations or clubs and do social services.

With the availability of clubs and social service organizations within

the institution the students find it comfortable to do social service during their course of study.

- The rehabilitation activity carried out by the NSS, NCC and YRC after the Thane Cyclone has attracted many students even those who were not members of these service organizations to volunteer themselves.
- Many students and staff members of the institution involved themselves actively in the *December 2015 flood* in *Chennai* and *Cuddalore*.
- *Tree plantation* by NSS, NCC and Department of Computer Applications.
- *Scribing* for visually challenged and differently-abled students of the college and nearby institutions
- *Charity work* carried by the Departments of Mathematics, Physics, Computer Science, Computer Applications, Biochemistry and Commerce
- *Awareness programmes* on various social issues by different social service organizations and academic departments

are some of the important outreach programmes in which students and staff members have actively participated.

3.6.2 How does the College promote College-neighborhood network and student engagement, contributing to holistic development of students and sustained community development?

Through the service organizations and clubs available in the college community oriented programmes are regularly conducted in the nearby villages.

As part of the extension programme, the academic departments also organize awareness programmes and social service camps in and around the institution.

Computer Literacy Programmes conducted for the students of nearby schools and villages are regularly organized by the departments of Computer Science and Computer Applications.

Blood Donation to the needy and to the Government General Hospital, Cuddalore is a regular feature of the institution and the

college has received *Best Blood Donating Institution* award in the district consecutively for five years.

A series of *Environmental Awareness Programmes* and *Tree Plantation Programmes* have been conducted with the help of students in nearby schools and villages.

The Department of Computer Applications organized a free *Eye Checkup Camp* in association with Aravind Eye Hospital, Puducherry on 21-09-2013. Apart from students and staff of the college public were also benefited from the camp. Free spectacles were given to the public with defective eye sight.

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

All the students of the institution have to enroll themselves in any one of the social service organization available in the college. The following organizations are functioning in the college where students are active members and staff members are co-ordinators.

- National Service Scheme (NSS)
- National Cadet Corps (NCC)
- Youth Red Cross (YRC)
- Red Ribbon Club (RRC)
- Rotaract
- Junior Chamber International (JCI)
- All India Catholic University Federation (AICUF)
- Fine Arts Club
- Enviro Club
- Citizen Consumer Club (CCC)
- Women Empowerment Cell (WEC)

In addition the departments also organize extension programmes where students and staff are carrying out awareness programmes and field work (cleaning campaigns, tree plantation, special classes for school going children, etc).

Two credits in the curriculum are allotted for extension programme for the UG courses to encourage students' participation.

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

The extension activities carried out by the social service organizations of the college and the departments focus on the social issues faced by the under-privileged and economically downtrodden people in and around the institution.

During the social service camps organized by the NSS a preliminary survey about the socio-economic and educational status of the people is carried out to plan the activities.

The Department of Social Work has carried out several social surveys in the nearby villages.

- *A Survey on Socio-Economic Status of People at Sathipattu, Panruti Taluk, Cuddalore District conducted in 2013.*
- *A Survey on Socio-Economic Status of People at KoMavidanthal, Viruthachalam Taluk, Cuddalore District conducted in 2014.*
- *A Survey on Socio-Economic Status of People at Panickankuppam, Panruti Taluk, Cuddalore District conducted in 2014.*
- *A Study on Marital Adjustment in Relation to their Social Support among Medical Professionals in 2015.*

Most of the students projects of Department of Social Work focus on social issues.

The *Department of Microbiology* carried out a student research project on the *HSV Prevalence among Irula Tribes of Cuddalore* in the year 2013-2014.

3.6.5 Give details of awards / recognition received by the College for extension activities / community development work.

Sl. No.	Details of Award Recognition	Awarded by	Date
1	Certificate of appreciation by for Organizing Voluntary Blood Donation Camp. (NSS)	Tamil Nadu State AIDS control society and State Blood transfusion council Chennai	24.01.2012
2	Certificate of appreciation for Regular Voluntary Blood Camps Organizer 2012-2013. (NSS)	District AIDS control Officer, DDHS, Cuddalore.	2012-2013
3	The <i>Youth Red Cross</i> unit of the college has received <i>Best Performance Award</i>	Indian Red Cross Society, Tamil Nadu Branch on the occasion of the 65 th Anniversary of Geneva Convention Celebrations.	2013-2014
4	Certificate of appreciation by for Organizing Voluntary Blood Donation Camp. (NSS)	Tamil Nadu State AIDS control society and State Blood transfusion council Chennai	01.10.2014
5	Certificate of Appreciation by for Organizing Blood donation camp and for the donation of rare blood groups blood. (NSS)	District Collector, Cuddalore District	15-08-2015
6	Certificate of appreciation by for Organizing Voluntary Blood Donation Camp. (NSS)	Tamil Nadu State AIDS control society and State Blood transfusion council Chennai	24.08.2015

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

Extension activities have been introduced in the curriculum with an objective of exposing the students to the real life and to have an interaction with the society wherein they live.

By going to various places like villages, schools, home for the aged people / mentally challenged people, orphanages, the students meet people of different categories and have a tinge of practical life. Based on the subjects they study, the students create awareness among the public and thus gain more practical knowledge.

For example students of *Biochemistry* create awareness on non-communicable diseases like *Cancer* and *Diabetes* and students of *Microbiology* create awareness on *HIV/AIDS*, *Hepatitis* and *Waterborne Diseases*. Students of *Computer Science* and *Computer Applications* teach *Basics of Computers* to the rural children and thus become familiar with the subject.

3.6.7 How does the College ensure the involvement of the community in its outreach activities and contribute to the community development? Detail the initiatives of the College which have encouraged community participation in its activities.

Extension programmes are planned to serve the public in the district where the college is located. The programmes are organized for the community and have them as beneficiaries. In activities like repairing the damaged roads, cleaning public places, tree plantation, etc. the local community is also involved. Thus community participation is ensured in all the extension activities and community development is given importance.

3.6.8 Does the College have a mechanism to track the students' involvement in various social movements / activities which promote citizenship roles?

In the beginning of the academic year the students are asked to enroll themselves in any one of the social service organization available in the college.

At the end of the course it is ensured that the students have completed the required hours of participation in the extension activities. The staff members who are in-charge of these programmes monitor the participation of the students.

At the end of the programmes the students submit a report to the incharges.

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

In outreach programmes like awareness rallies, relief work, government schemes the college coordinate with the nearby institutions.

The college also jointly participates in programmes organized by government organizations like Departments of Public Health, Police, Fire and Rescue Services, Revenue, Election Commission and Electricity.

In programmes organized by non-governmental organizations also the institution takes active participation.

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.

Sl. No.	Details of Award Recognition	Awarded by	Date
1	Certificate of appreciation by for Organizing Voluntary Blood Donation Camp. (NSS)	Tamil Nadu State AIDS control society and State Blood transfusion council Chennai	24.01.2012
2	Certificate of appreciation for Regular Voluntary Blood Camps Organizer 2012-2013. (NSS)	District AIDS control Officer, DDHS, Cuddalore.	2012-2013
3	The <i>Youth Red Cross</i> unit of the college has received <i>Best Performance Award</i>	Indian Red Cross Society, Tamil Nadu Branch on the occasion of the 65 th Anniversary of Geneva Convention Celebrations.	2013-2014
4	Certificate of appreciation by for Organizing Voluntary Blood Donation Camp. (NSS)	Tamil Nadu State AIDS control society and State Blood transfusion council Chennai	01.10.2014
5	Certificate of Appreciation by for Organizing Blood donation camp and for the donation of rare blood groups blood. (NSS)	District Collector, Cuddalore District	15-08-2015
6	Certificate of appreciation by for Organizing Voluntary Blood Donation Camp. (NSS)	Tamil Nadu State AIDS control society and State Blood transfusion council Chennai	24.08.2015

3.7 Collaboration

3.7.1 How has the College's collaboration with other agencies impacted the visibility, identity and diversity of activities on the campus? To what extent has the College benefitted academically and financially because of collaborations?

The college has informal collaboration with other agencies to carry out joint research programmes, student projects and extension activities.

The college collaborates with *Pondicherry Multipurpose Social Service Society (PMSSS), Puducherry*, in carrying out *Skill Development Programmes and Social Services*. The joint venture with PMSSS has resulted in several programmes carried out not only for the students of the institution but also for the alumni and the unemployed youth.

The *Quantum Computational Research Laboratory* of the *Department of Physics* extends support to researchers from institutions all over the state on Quantum Computational Research. This type of collaboration has resulted in *sixteen (published – 9, under review – 7)* joint publications in peer reviewed journals, thus making the institution known among the researchers in this field.

The *Department of Microbiology* had a collaborative project with *Sri. Ramachandra Medical College and Research Institute, Chennai* for the *Estimation of Hepatitis among Irula Tribes of Tamil Nadu and Puducherry*. The project was funded by *Indian Council of Medical and Research (ICMR)*, under ICMR Adhoc Projects under Tribal Sub-Plan. (Project No.2010-12670, Duration : 01-10-2012 to 30-09-2015)

The *Department of Computer Applications* collaborated with *Christian Medical College, Vellore* and carried out relief and rehabilitation work *Vilva Nagar and Rajambal Nagar of Cuddalore District*.

The college has *recently signed a MoU with Faculty of Science, Universiti Teknologi Malaysia, Malaysia* to promote educational and research collaboration.

MoUs have also been signed with *Study Metro Pvt. Ltd., Bengaluru, ICT Academy of Tamil Nadu, and Tata Consultancy Services Limited*.

PG and Research Department of Physics has taken initiative to sign a *Memorandum of Understanding* with *King Saud University, Saudi Arabia*.

3.7.2 Mention specific examples of, how these linkages promote

- **Curriculum development**

Experts from industries and corporate have been included in the Board of Studies and Academic Council and their suggestions are useful in making curriculum industry relevant.

- **Internship, On-the-job training**

The Industries with which the college collaborates provide internship and on-the-job training for the students.

- **Faculty exchange and development**

The institution plans to introduce faculty exchange programme with other institutions.

- **Research, Publication**

The collaboration between the *Quantum Computational Research Laboratory* of the *Department of Physics* and researchers from other institutions has resulted in *sixteen* joint publications in peer reviewed journals.

- **Consultancy, Extension**

The *Pondicherry Multipurpose Social Service Society (PMSSS), Puducherry*, supports the college to conduct *Skill Development Programme* for the unemployed youth which helps the institution in organizing extension programmes.

- **Student placement**

Through the collaboration with companies and industries around 150 students have got placements in the year 2015-2016 alone.

The companies which recruited the students are listed below.

S. No.	Name of Companies
1	Wipro Technologies
2	Infosys
3	Accenture
4	Tech Mahindra
5	Axis Bank Ltd.
6	HDFC
7	HBL Global Pvt. Ltd.

8	Lenovo Puducherry
9	SICGIL Industrial Gasses Ltd.
10	Shasun Strides
11	Fore Brain Technologies Pvt. Ltd.
12	Nice Education
13	G. I. Co. Claims Investigation Agency
14	CPC Diagnostics Pvt. Ltd.

3.7.3 Does the College have MoUs nationally / internationally and with institutions of national importance / other universities / industries / corporate houses etc.? If yes, explain how the MoUs have contributed in enhancing the quality and output of teaching-learning, research and development activities of the College?

The college has recently signed a MoU with *Faculty of Science, Universiti Teknologi Malaysia, Malaysia* to promote educational and research collaboration in the *Development of research activities, Collaboration on research projects, Exchange of academic information and materials and Collaborative publications.*

PG and Research Department of Physics has also taken initiative to sign a *Memorandum of Understanding* with *King Saud University, Saudi Arabia.*

Through the collaboration with *Pondicherry Multipurpose Social Service Society (PMSSS), Puducherry*, the college conducts on an average 5 *Skill Development Programmes* a year for the students.

3.7.4 Have the College industry interactions resulted in the establishment / creation of highly specialized laboratories / facilities?

Nil

Any additional information regarding Research, Consultancy and Extension, which the institution would like to include.

The departments are constantly upgraded to research departments to offer M.Phil. and Ph.D. programmes. The Departments of Biochemistry and Microbiology have applied for starting Ph.D. programme and inspection for granting affiliation for these courses by the university is over.

To promote research among the scholars and students publication of papers in journals and presentation of papers in seminars and conferences have been made compulsory. With this effort several papers have been published / presented out of M.Phil. research.

CRITERION IV: INFRASTRUCTURE AND LEARNING RESOURCES

4.1 Physical Facilities

4.1.1 How does the College plan and ensure adequate availability of physical infrastructure and ensure its optimal utilization?

The college has a *Planning and Evaluation Committee* which assesses the needs of the existing and newly introduced courses and recommend to the management for additional infrastructure. The Heads of the Departments also forward their infrastructural requirements. Based on this new facilities are provided.

The classrooms after the regular class hours are utilized for coaching classes and remedial classes.

The *Indoor Auditorium* is utilized for organizing cultural programmes, exhibitions, and meetings. After working hours the same auditorium is used for *indoor games* such as Basketball, Table Tennis, Badminton and etc.

The *infrastructural facility* of the college is also utilized by the *government* and *non-government organization* for conducting meetings, programmes, training classes, etc. without disturbing the regular functioning of the college.

4.1.2 Does the College have a policy for creation and enhancement of infrastructure in order to promote a good teaching-learning environment? If yes, mention a few recent initiatives.

The infrastructural requirements of the institution are assessed by the Planning and Evaluation Committee. The suggestions and request from the faculty and the students are considered and forwarded to the Planning and Evaluation Committee.

Recent Initiatives:

1. Upgraded laboratory facilities for Chemistry, Physics, Microbiology and Biochemistry.
2. Wi-Fi facility throughout the campus.
3. New Seminar Hall.
4. Common Instrumentation Facility

4.1.3 Does the College provide all departments with facilities like office room, common room, separate rest rooms for women students and staff?

Department-wise staff rooms are available. Common rooms, rest rooms for women are available.

4.1.4 How does the College ensure that the infrastructure facilities meet the requirements of students/staff with disabilities?

Ramps are available in all the blocks for differently abled persons. It is ensured that the classrooms and exam halls to be utilized by the differently abled persons are in the ground floor.

4.1.5 How does the College cater to the residential requirements of students? Mention

- **Capacity of the hostels and occupancy (to be given separately for men and women)**

Hostel	Occupancy
Men's Hostel	120
Women's Hostel	200

- **Recreational facilities in hostel/s like gymnasium, yoga center, etc.**
 - Recreation room with audio and video facility
 - Library
 - Indoor games like Chess, Table Tennis and Carrom
 - Volleyball, Basketball and Cricket
- **Broadband connectivity / wi-fi facility in hostel/s.**

Internet facility is available

4.1.6 How does the College cope with the health related support services for its students, faculty and non-teaching staff on the campus and beyond?

An infirmary with a medical officer and a nursing assistant is available for regular medical check-up and minor emergency services.

Neighbouring hospitals provide medical care for the students and staff in case of emergency.

Medical camps and Health Awareness Programmes are organized regularly for the students and staff.

4.1.7 What special facilities are made available on the campus to promote interest in sports and cultural events?

Sports

The *Department of Physical Education* is functioning in a spacious, furnished sports room with one *Director of Physical Education* and a Woman Sports Assistant.

A *Games and Sports Committee* helps the department in taking decisions on sports and games related issues.

Sufficient sports goods are available and new items are purchased every year.

Intramural games are conducted every year and an *Annual Sports Day* is celebrated during which prizes and certificates are distributed to the winners.

St. Joseph's Volleyball Invitation Tournament is conducted every year conducted since 2009. Cash prizes are given to the winners.

Athletic ground, Football ground, Volleyball ground, Basketball ground (indoor & outdoor), Hockey ground, Ball Badminton ground (indoor & outdoor), Badminton ground (indoor), Kabaddi Court, Kho-Kho ground, Handball and space for Table Tennis, Chess, Carrom are available in the campus.

A *Gymnasium* with necessary equipments is available.

Special coaches are made available for the games and sports.

Cultural

A *Fine Arts Club* is functioning in the college to motivate and train students in cultural events like, dance, singing, playing instruments, drama, mime, painting, sculpture, etc.

A team of staff members is taking care of the functioning of Fine Arts Club. Members of the club represent the college in various cultural events conducted in other places.

Special programmes are given by the Fine Arts Club during the functions conducted in the college.

Cultural competitions are conducted at Inter-Departmental and Inter-Collegiate level every year and prizes and certificates are given to the winners.

A *state level mega inter-collegiate cultural event Zephyr* is conducted every year.

A separate room with audio facility, musical instruments and accessories for cultural events is available.

An indoor auditorium with lighting and audio facilities is available to conduct cultural events.

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?

Library Committee

The college has a *Library Committee* to frame and monitor the rules and regulations of the library and to give suggestions for improvement.

Library Committee Composition

The committee includes The Secretary of the college, The Principal, 10 senior staff members, Librarian, Assistant Librarian and one representative from Administrative Office as members.

- eBooks, and online journals have been added.
- INFLIBNET / DELNET has been subscribed.
- More books and periodicals have been added based on the suggestions given by the students and staff.
- Space and computers for internet access have been increased to accommodate more users.

4.2.2 Provide details of the following:

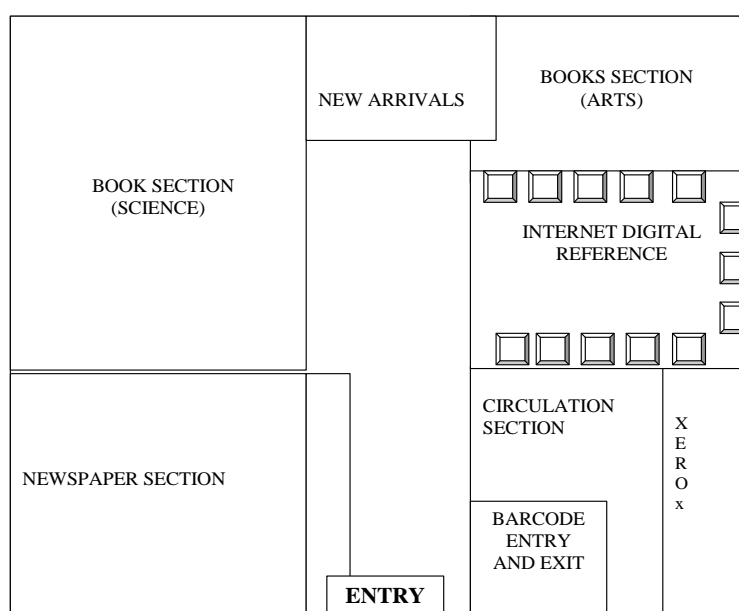
- **Total area of the library (in Sq. Mts.)**
563.23 square metre
- **Total seating capacity**
328
- **Working hours (on working days, on holidays, before examination days, during examination days, during vacation)**

Working days	08.30 a.m. - 06.30 p.m.
Holidays	09.00 a.m. - 01.00 p.m.
Before Examination days	07.30 a.m. - 07.30 p.m.
During Examination days	07.30 a.m. - 07.30 p.m.
During Vacation	Closed

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

The *Ground Floor* of the Library accomodates Six Sections.

Circulation Section, Stack I, Stack II, Reprographic Section, Newspaper Section, Internet/Digital Library



The *First Floor* accomodates of Journal & Magazine Section, Reference Section and Archives Section

JOURNALS AND MAGAZINE SECTION		REFERENCE & ARCHIVES SECTION

- **Access to the premises through prominent display of clearly laid out floor plan; adequate signage; fire alarm; access to differently abled users and mode of access to collection)**
 - The floor plan of the library and adequate signs are available for the benefit of the users.
 - Fire extinguishers are available.
 - Ramp facility is available for the differently abled users. For accessing the books help is rendered by the library assistants.
 - Users are free to access the books directly on their own.

4.2.3 Give details on the library holdings

a) Print (Books, back volumes and thesis)

Type	No.
Books	29,450
Reference Books	908
Journals	38
Magazines	24
Periodicals	08
Back Volumes	1042
Thesis	1411

b) Non Print (Microfiche, AV)

Type	No.
CDs	124

c) Electronic (e-books, e-Journals)

Type	No.
e-Books	6,000
e-Journals	317

d) Special collection

(eg. Text book, Reference books, standards, patents)

Type	No.
Reference Books	908

4.2.4 What tools does the library deploy to provide access to the collection?

OPAC	Yes
Electronic Resource Management package for e-journals	Yes
Federated searching tools to search articles in multiple databases	Yes
Library Website	No
In-house/remote access to e-publications	Yes

4.2.5 To what extent is the ICT deployed in the library?

Library automation	A library automation software is available (Modern Library Management System)
Total number of computers for public access	10
Total numbers of printers for public access	No
Internet band width speed _ 2mbps _ 10 mbps _ 1 gb (GB)	2 mbps
Institutional Repository	Available (Archives Section)
Content management system for e-learning	No
Participation in Resource sharing networks/consortia (like INFLIBNET)	Yes (DELNET, INFLIBNET)

4.2.6 Provide details

Average number of walk-ins	150 per day
Average number of books issued/returned	Issued : 100 per day Returned : 100 per day
Ratio of library books to students enrolled	5 : 1
Average number of books added during last three years	396 books per year
Average number of login to OPAC	20 per day
Average number of login to e-resources	10 per day
Average number of e-resources downloaded/printed	--
Number of information literacy trainings organized	1

4.2.7 Give details of the specialized services provided by the library

Manuscripts	Yes
Reference	Yes
Reprography	Yes
ILL (Inter Library Loan Service)	No
Information Deployment and Notification	Yes
OPAC	Yes
Internet Access	Yes
Downloads	Yes
Printouts	No
Reading list/ Bibliography compilation	No
In-house/remote access to e-resources	Yes
User Orientation	Yes
Assistance in searching Databases	Yes
INFLIBNET/IUC facilities	Yes

4.2.8 Provide details on the annual library budget and the amount spent for purchasing new books and journals.

Year	Annual Budget	Amount Spent Books & Journals
2011 - 2012	5,00,000/-	2,83,478/-
2012 - 2013	5,00,000/-	88,401/-
2013 - 2014	5,00,000/-	2,45,621/-
2014 - 2015	6,00,000/-	2,04,703/-
2015 - 2016	6,00,000/-	3,50,286/-

4.2.9 Does the library get the feedback from its users? If yes, how is it analysed and used for improving the library services.

Oral feedback is obtained from the students during the *Students' Forum Meeting* and the consolidated report sent to the library for necessary action.

4.2.10 List the infrastructural development of the library over the last four years.

Year	Infrastructural Development
2012-2013	New racks purchased
2013-2014	New tables purchased
2014-2015	New chairs purchased.
2015-2016	Xerox machine replaced Three computer monitors replaced White washing of the building was done.

4.2.11 Did the library organize workshop/s for students, teachers, non-teaching staff of the College to facilitate better Library usage?

Every year during the Orientation Programme for the first year UG students, facilities available in the library and the rules and regulations of the library are informed.

4.3 IT Infrastructure

4.3.1 Does the College have a comprehensive IT policy addressing standards on IT Service Management, Information Security, Network Security, Risk Management and Software Asset Management?

A specially appointed committee takes decision on IT related issues.

4.3.2 Give details of the College's computing facilities (hardware and software).

- Number of systems with configuration

Sl. No.	Configuration	No. of Computers
1	2.3 GH.Z - Pentium Dual core Processor 2-GB RAM 250 GB – Hard Disk	31
2	2.3 GH.Z - Pentium Dual core Processor 2-GB RAM 320 GB – Hard Disk	12
3	2.3 GH.Z - Pentium Dual core Processor 2-GB RAM 500 GB – Hard Disk	228
Total		271

- Computer-student ratio - 1 : 1

- Dedicated computing facility

Sl. No.	Department	No. of Computers
1	Physics	8
2	Microbiology	2
3	Biochemistry	1
Total		11

- **LAN facility**
Entire campus is connected with LAN facility.

- **Wifi facility**
Wifi facility is provided to the entire campus.

- **Propriety software / Open source softwares**

Sl. No.	Software
1	Microsoft Visual Studio dot net 2005
2	Oracle 9i
3	Red Hat Linux
4	PHP

- **Number of nodes/ computers with internet facility**
All computers available in the campus are provided with internet facility through Wifi.

- **Any other**

Sl. No.	Particulars
1	LCD Projectors
2	Smart Classroom
3	24 Port Network Switches (LAN)

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

The software and hardware facilities in the computer laboratory are regularly upgraded to meet the advancement in the field.

To meet the needs of the users and to cope-up with the technological advancement the IT infrastructure of the institution is upgraded regularly.

4.3.4 Give details on access to online teaching and learning resources and other knowledge, and information provided to the staff and students for quality teaching, learning and research.

The staff and students can access e-journals and e-books and other online resources from the college library.

Wi-Fi facility is provided throughout the campus to make use of the online resources.

Access to INFLIBNET and DELNET is provided to both staff and students which help them to make use of the facility even outside the campus.

Study materials prepared by the staff members are uploaded in the college website for use by the students.

4.3.5 Give details on the ICT enabled classrooms/learning spaces available within the College and how they are utilized for enhancing the quality of teaching and learning.

LCD projectors are provided to the departments to make use in the classrooms.

Three seminar halls with LCD projectors and one smart classroom are available for ICT enabled teaching/learning.

Digital Library is available in the Central Library as well as in the departments to provide e-resources for teaching/learning.

Audio-Visual Laboratory is available in the Department of English.

4.3.6 How are the faculty facilitated to prepare computer aided teaching-learning materials? What are the facilities available in the College or affiliating University for such initiatives?

Computers with internet facility are provided to all the departments to facilitate the faculty to prepare computer aided teaching/learning materials.

4.3.7 How are the computers and their accessories maintained? (AMC, etc.)

Technical Assistants available in the Department of Computer Science are incharge for the maintenance of computers and their accessories. For additional technical support outside agencies are contacted.

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

Yes, the college avails the facility through the parent university.

4.3.9 Provide details on the provision made in the annual budget for update, deployment and maintenance of the computers in the College?

Year	Annual Budget	Amount Spent
2011 - 2012	6,00,000/-	11,75,934/-
2012 - 2013	9,50,000/-	9,77,720/-
2013 - 2014	6,00,000/-	6,96,508/-
2014 - 2015	7,00,000/-	1,89,990/-
2015 - 2016	7,00,000/-	51,820/-

4.4 Maintenance of Campus Facilities

4.4.1 Does the College have an Estate Office / designated officer for overseeing maintenance of buildings, class-rooms and laboratories? If yes, mention a few campus specific initiatives undertaken to improve the physical ambience.

A Works Manager is available to supervise the maintenance of infrastructure.

The following are the initiatives undertaken to improve infrastructural facilities:

- Rebuilding of Tarbes Block with lecture halls, laboratories, prayer hall, staff room and seminar hall.
- Common instrumentation facility and seminar hall.
- Construction of footpath and shelters.
- Restructuring of Microbiology, Biochemistry and Physics Lab.
- Additional toilets.

4.4.2 Does the College appoint staff for maintenance and repair? If not, how are the infrastructure facilities, services and equipment maintained? Give details.

For electrical and plumbing work dedicated technicians are available within the institution.

Other maintenance works are outsourced.

Any additional information regarding Infrastructure and Learning Resources, which the institution would like to include.

The institution is situated in a vast campus spreaded over an area of 21 acres.

The buildings of the institution is distributed in 9 blocks and accommodates administrative office, lecture halls, laboratories, staff rooms, common rooms, library, canteen and guest house.

CRITERION V: STUDENT SUPPORT AND PROGRESSION

5.1 Student Mentoring and Support

5.1.1 Does the College have an independent system for student support and mentoring? If yes, what are its structural and functional characteristics?

Student support and *mentoring system* is an integral part of departmental activities.

Mentor system is practiced in the college to regularly monitor the performance of students. The teachers are assigned a class for mentoring the students. The mentors report to the Heads of the Departments who in turn report to the Principal.

The mentors maintain academic records and personal details of the students assigned to them. Psycho-social guidance is provided to the needy students by the mentors.

5.1.2 What provisions exist for academic mentoring apart from class room work?

Remedial classes are conducted for the slow learners after the class hours.

Advanced learners are encouraged to prepare *additional assignments* and invited for discussion on latest topics in the subject after the class hours.

In-plant training, industrial visits and field trips are arranged for the students.

5.1.3 Does the College provide personal enhancement and development schemes for students? If yes, describe techniques employed e.g., career counselling, soft skill development, etc.

The individual departments organizes skill development programmes and *guest lectures* to expose the students to *career opportunities*.

Value Education, Personality Development and Soft Skills are included in the curriculum itself for under graduate students.

Department of Psychology and Career Guidance and Placement Cell of the college periodically organize programmes on career guidance and personality development.

5.1.4 Does the College publish its updated prospectus and handbook annually? If yes, what are the activities / information included / provided to students through these documents? Is there a provision for online access?

Every year the college publishes updated *Prospectus* and *Handbook* which are available both in the printed format and online.

- Prospectus provides
 - Information about the college
 - Details of various courses offered and eligibility
 - Infrastructural facilities
 - Fees details
 - Scholarships
- Handbook provides
 - Information about the college
 - Rules and regulations
 - General discipline
 - Examination regulations
 - Library rules
 - Various committees
 - Staff list
 - Academic calendar which consists of working days and schedule of activities
 - Endowment scholarships
 - Curriculum of various courses

5.1.5 Specify the type and number of scholarships / freeships given to students (UG/PG/M.Phil./Ph.D./Diploma/others in tabular form) by the College Management during the last four years. Indicate whether the financial aid was available on time.

Scholarships and freeships are given to students of UG / PG / M.Phil. in time.

Year	Concession Type	No. of students	Amount
2011-2012	Free	103	6,11,625
	Half	87	2,55,720
	Random	453	7,21,135
	Sports	37	72,000
	Total	680	16,60,480
2012-2013	Free	148	11,13,965
	Half	181	6,15,553
	Random	381	4,95,800
	Sports	97	3,91,624
	Total	807	26,16,942
2013-2014	Free	99	8,67,850
	Half	231	8,50,275
	Random	413	6,75,221
	Sports	45	1,31,590
	Sports - Free	55	3,55,375
	Total	843	28,80,311
2014-2015	Free	37	2,90,650
	Half	173	7,10,922
	Random	265	5,89,185
	Sports	41	1,10,550
	Sports - Free	42	3,57,900
	Total	558	20,59,207
2015-2016	Free	38	2,77,000
	Half	318	13,24,187
	Random	260	7,10,700
	Sports	63	2,15,900
	Sports - Free	32	2,98,650
	Total	711	28,26,437

5.1.6 What percentage of students receives financial assistance from state government, central government and other national agencies? (e.g., Kishore Vaigyanik Protsahan Yojana (KVPY), SN Bose Fellow, etc.)

Year	Category	Percentage of Students
2011-2012	SC / ST / Minority	17.95
2012-2013	SC / ST / Minority	17.92
2013-2014	SC / ST / Minority	13.20
2014-2015	SC / ST / Minority	15.49
2015-2016	SC / ST / Minority	12.75

5.1.7 Does the College have an International Student Cell to cater to the needs of foreign students? If so, what measures have been taken to attract foreign students?

No

5.1.8 What types of support services are available for

Overseas students

Not Applicable.

Physically challenged / differently abled students

Preference is given in the admission for differently abled candidates. Ramps for physically challenged and scribing for visually challenged students are available. It is ensured that the classrooms and exam halls to be utilised by the differently abled persons are in the ground floor.

SC/ST, OBC and economically weaker sections

Preference is given in admission for students from SC/ST, OBC and economically weaker sections. Concession in fees is given to students from economically weaker sections.

Students to participate in various competitions/conferences in India and abroad

Students are given special coaching and training for attending sports/cultural competitions. TA/DA is given to students for attending sports/cultural competitions and seminars / conferences outside the

institution. Students who participate in cultural competitions and sports and games are awarded two credits.

Health centre, health insurance etc.

An infirmary with a *Medical Officer* and a *Nursing Assistant* is available for regular medical check-up and minor emergency services. In case of emergency staff and students who have health problems are taken to neighbouring hospitals and given medical care.

Skill development (spoken English, computer literacy, etc.)

Value Education, Personality Development and *Soft Skills* are included in the curriculum itself for under graduate students. Department of Psychology and Career Guidance and Placement Cell of the college periodically organize *programmes on career guidance* and *personality development*. The individual departments organize programmes and guest lectures to expose the students to career opportunities. *Communication Skill* and *Computer Literacy* are provided to the freshers in the beginning of the academic year as Orientation programme / Bridge course.

Performance enhancement for slow learners / students who are at risk of failure and dropouts

Remedial classes and special coaching classes are conducted for the slow learners / students who are at the risk of failures after the class hours. Students who are likely to discontinue the courses are identified and counseling is given to them by the concerned department staff members. Parents are also contacted in this regard.

Exposure of students to other institutions of higher learning / corporate / business houses, etc.

In-plant training, industrial visits and educational tours are arranged to expose the students to other institutions of higher learning / corporate / business houses. Information about other institutions of higher learning is displayed in the notice boards by the departments and Career Guidance and Placement Cell.

Publication of student magazines

The college publishes an annual magazine to bring out the talents of the students. The departments also publish magazines to provide a platform to exhibit their talents.

5.1.9 Does the College provide guidance / coaching classes for Civil Services, Defense Services, NET/SLET and any other competitive examinations? If yes, what is the outcome?

Yes. The Career Guidance and Placement Cell organizes coaching classes for Civil Services and other competitive examinations. In addition to this special coaching programmes are also conducted by the Departments of History and Social Work for Civil Services and NET/SET examinations.

Several staff members and students of the institution are making use of the facility provided for NET/SET coaching and other competitive examinations.

The students of the college have been selected for Defense Services, Border Security Force (BSF), Tamil Nadu Police Services, Banking Sectors and Tamil Nadu Public Service Commission (TNPSC), etc.

5.1.10 Mention the policies of the College for enhancing student participation in sports and extracurricular activities through strategies such as**Additional academic support, flexibility in examinations**

Special classes are conducted, if needed, for those who miss classes due to participation in sports and extracurricular activities.

Examinations are conducted in a separate schedule for the students who miss the regular examination if they participate in sports and extracurricular competitions.

Special dietary requirements, sports uniform and materials

Nutritious diet, sports uniform and sports kits are given to the students who represent the college in sports.

Students are given special coaching and TA/DA for attending sports competitions.

Special coaches are made available for different sports and games.

Sports students are given concession on fees.

Through Fine Arts Club the college provides training for the students who take part in extracurricular activities.

TA/DA and supportive materials for cultural events are given to students for participating in competitions.

Any other

Students who participate in cultural competitions and sports and games are awarded two credits.

5.1.11 Does the College have an institutionalized mechanism for placement of its students? What services are provided to help students identify job opportunities, prepare themselves for interview, and develop entrepreneurship skills?

A Career Guidance and Placement Cell is functioning with a full-time Placement Officer.

Information and advertisements regarding job opportunities are displayed in the notice boards and circulars are sent to the classes.

Coaching classes to equip the students to face interviews are regularly conducted by the Placement Cell. Training programmes which focus on *personality development, communication skills, resume writing* are also organized.

On-campus and *off-campus* interviews are arranged for the final year students.

Skill development programmes to develop entrepreneurial skills are conducted in collaboration with state and central government organizations and non-governmental organizations.

Job oriented courses like, *Mushroom Cultivation, Vermicomposting, Electrical and Electronics Instrumentation, Dot Net Technologies* etc. are conducted.

5.1.12 Give the number of students selected during campus interviews by different employers (list the employers and the number of companies who visited the campus annually for the last four years).

The list of employers / companies who conducted recruitment drive (on-campus / off-campus) and the number of students selected are given below.

Sl. No.	Name of the Company / Organization	Number Recruited
1	Accenture (Off Campus)	4
2	Amaze Business Solutions Pvt. Ltd	15
3	Anthem Biosciences	2
4	ARGEE Consultancy Services-UK Process	1
5	Axis Bank (Off Campus)	1
6	Biocon – Bangalore.	1
7	Border Security Force	1
8	Bosco Soft Technologies Private Limited	3
9	Cal Creators Event Management Company, Cuddalore	25
10	CPC Diagnostics Pvt. Ltd.	2
11	Eureka Forbes Limited	15
12	Fore Brain Technologies Pvt. Ltd	3
13	G. I. Co. Claims Investigation Agency (Off Campus)	5
14	HBL Global Pvt Ltd.	25
15	HDFC (In Campus)	1
16	Hills Minerals (ISI)	1
17	ICICI Bank	3
18	Indian Army (Off Campus)	5
19	Infiniti Retail Limited - A Tata Enterprise	1
20	Infosys, Chennai (Off Campus)	2
21	IT Care	1
22	Lenovo Pondicherry (Off Campus)	1
23	Matrimoney.com	1
24	MPhasis – Bangalore	1
25	MRF	1

26	Muthoot Finance Ltd	12
27	Next Gen	3
28	Nice Education	53
29	Ohm Innovation Call Services Private Limited	93
30	Oxalis International School – CBSE	5
31	Rane Brake Lining Limited	2
32	Rasi Seeds (P) Ltd	5
33	Ridsys	2
34	Sanmar Group	2
35	Select N Source Management Consultants Pvt Ltd	5
36	Serco Global Services	5
37	Shasun Strides	12
38	SICGIL Industrial Gasses Ltd	3
39	Steril–Gene Life Sciences (P) Ltd -(JV of Lloyds Lab & Madras Pharma)	4
40	Sun Pharma	4
41	Sutherland Global Services- Amazon Non Voice Support	4
42	Tagros Chemicals India Ltd	3
43	Tamil Nadu Police Services - (Off Campus)	10
44	TCS, Chennai (Off Campus)	1
45	Tech Mahindra (Off Campus)	1
46	TVS TRAINING & SERVICES LTD.(A TVS Group Company) for ICICI & Cholamandalam Investment and Finance Company Ltd (CIFCL)	10
47	Vedham Academy	2
48	Vijaya Bank	1
49	Wipro Technologies, Chennai	26

5.1.13 Does the College have a registered Alumni association? If yes, what are its activities and contributions to the development of the College?

Alumni Association is functioning in the college. Annual meeting and department-wise meetings and get-to-gather are conducted regularly for the alumni.

Information on job availability is provided by the alumni from time to time.

Alumni of the college who are working in reputed institutions and organizations regularly visit the departments and present guest lectures.

Monetary support for the education of poor students has been mobilized through alumni.

Furniture and other materials are donated to the departments by the alumni.

5.1.14 Does the College have a student grievance redressal cell? Give details of the nature of grievances reported and how they were redressed.

Students' Grievance Redressal Cell is functioning with representatives from staff and students.

Additional requirement of basic amenities, non-availability of specific library books are some of the grievances represented.

The grievances were forwarded to the respective committees for redressal and recommendations were presented to the management for implementation.

5.1.15 Does the College have a cell and mechanism to resolve issues of sexual harassment?

Yes

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

An anti-ragging committee is available and so far no instances of ragging were reported.

5.1.17 How does the College elicit the cooperation from all stakeholders to ensure overall development of the students considering the curricular and co-curricular activities, research, community orientation, etc.?

Every semester parents-teachers-students meetings are convened and feedback and suggestions from the parents are obtained.

Experts from industries, research institutes are invited to the institutions who give suggestions for improvement.

5.1.18 What special schemes/mechanisms are in place to motivate students for participation in extracurricular activities such as sports, cultural events, etc?

Students are encouraged and motivated to take part in sports and games. To find out the students who are interested in sports and games special selection events are conducted exclusively for the first year students.

Annual Intramural Sports are conducted and prizes are given. Students are given special coaching and TA/DA for attending sports competitions outside the institution. Special coaches are made available for different sports and games.

Sports students are given concession on fees.

Inter-departmental competitions are conducted every year to bring out the inherent talents of the students.

The *Fine Arts Club* of the college provides opportunity for the students to exhibit the talents in extracurricular activities by identifying the talented individuals and giving them training. Students are taken out to other institutions to participate in cultural competitions. TA/DA is given for participating in cultural competitions outside the institution.

Every year a mega inter-collegiate cultural competition, *Zephyr*, is organized by the Fine Arts Club of the college.

Students who participate in cultural competitions and sports and games are awarded two credits.

5.1.19 How does the College ensure participation of women in ‘intra’ and ‘inter’ institutional sports competitions and cultural activities? Provide details of sports and cultural activities in which such efforts were made?

Sports competitions and cultural activities are conducted exclusively for the women candidates at the intra-institutional level.

Equal opportunity is given to women candidates in inter-institutional sports competitions and cultural activities and normally women students outnumber the men students.

5.2 Student Progression

5.2.1 Provide details of programme-wise success rate of the College for the last four years. How does the College compare itself with the performance of other autonomous Colleges / universities (if available)

Undergraduate Courses

Course	Year	Appeared	Passed	Pass %
B.Sc. Biochemistry	2009-2012	27	27	100.00
	2010-2013	21	10	47.62
	2011-2014	27	24	88.89
	2012-2015	51	19	37.25
	2013-2016	51	39	76.47
B.Com. Bank Management	2009-2012	66	49	74.24
	2010-2013	69	23	33.33
	2011-2014	57	33	57.89
	2012-2015	119	41	34.45
	2013-2016	124	70	56.45
B.C.A.	2009-2012	179	158	88.27
	2010-2013	174	132	75.86
	2011-2014	190	149	78.42
	2012-2015	192	136	70.83
	2013-2016	186	146	78.49

B.Sc. Chemistry	2009-2012	94	69	73.40
	2010-2013	99	63	63.64
	2011-2014	99	75	75.76
	2012-2015	92	20	21.74
	2013-2016	95	42	44.21
B.Com.	2009-2012	280	198	70.71
	2010-2013	276	176	63.77
	2011-2014	285	166	58.25
	2012-2015	258	158	61.24
	2013-2016	253	120	47.43
B.Sc. Computer Science	2009-2012	185	176	95.14
	2010-2013	187	143	76.47
	2011-2014	186	162	87.10
	2012-2015	199	151	75.88
	2013-2016	181	139	76.80
B.A. History	2009-2012	-	-	-
	2010-2013	21	18	85.71
	2011-2014	23	21	91.30
	2012-2015	17	14	82.35
	2013-2016	31	19	61.29
B.A. English	2009-2012	215	160	74.42
	2010-2013	292	135	46.23
	2011-2014	286	169	59.09
	2012-2015	242	130	53.72
	2013-2016	240	134	55.83
B.Sc. Microbiology	2009-2012	53	37	69.81
	2010-2013	39	23	58.97
	2011-2014	45	31	68.89
	2012-2015	49	30	61.22
	2013-2016	68	39	57.35
B.Sc. Mathematics	2009-2012	147	95	64.63
	2010-2013	146	86	58.90
	2011-2014	183	98	53.55
	2012-2015	128	80	62.50
	2013-2016	139	77	55.40

B.Sc. Physics	2009-2012	89	58	65.17
	2010-2013	75	45	60.00
	2011-2014	86	61	70.93
	2012-2015	71	50	70.42
	2013-2016	93	63	67.74

Postgraduate Courses

Course	Year	Appeared	Passed	Pass %
M.Sc. Microbiology	2010-2012	25	23	92
	2011-2013	18	18	100
	2012-2014	15	14	93.33
	2013-2015	17	17	100
	2014-2016	10	6	60.00
M.Sc. Mathematics	2010-2012	32	21	65.63
	2011-2013	29	16	55.17
	2012-2014	39	29	74.36
	2013-2015	36	30	83.33
	2014-2016	35	32	91.43
M.Sc. Physics	2010-2012	20	18	90
	2011-2013	24	18	75
	2012-2014	25	20	80
	2013-2015	26	22	84.61
	2014-2016	25	18	72
M.Sc. Biochemistry	2010-2012	26	25	96.15
	2011-2013	23	23	100
	2012-2014	25	22	88
	2013-2015	12	10	83.33
	2014-2016	18	18	100
M.Sc. Chemistry	2010-2012	20	19	95
	2011-2013	26	24	92.31
	2012-2014	20	13	65
	2013-2015	26	18	69.23
	2014-2016	26	16	61.54

M.Com.	2010-2012	30	13	43.33
	2011-2013	27	24	88.89
	2012-2014	23	17	73.91
	2013-2015	43	29	67.44
	2014-2016	37	36	97.3
M.Sc. Computer Science	2010-2012	11	11	100
	2011-2013	24	24	100
	2012-2014	24	24	100
	2013-2015	19	19	100
	2014-2016	26	26	100
M.Sc. Info. Tech.	2010-2012	22	22	100
	2011-2013	23	23	100
	2012-2014	14	14	100
	2013-2015	-	-	-
	2014-2016	8	8	100
M.A. English	2010-2012	-	-	-
	2011-2013	15	10	66.67
	2012-2014	42	40	95.24
	2013-2015	34	26	76.47
	2014-2016	37	30	81.08
M.A. History	2010-2012	-	-	-
	2011-2013	8	7	87.5
	2012-2014	-	-	-
	2013-2015	-	-	-
	2014-2016	-	-	-

M.S.W.	2010-2012	-	-	-
	2011-2013	-	-	-
	2012-2014	16	15	93.75
	2013-2015	16	16	100
	2014-2016	11	10	90.91

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

Student progression	2012-13	2013-14	2014-15	2015-16
UG to PG	52	64	58	62
PG to M.Phil.	6	5	7	6
PG to Ph.D.	-	-	-	-
Employed	8	7	9	10
• Campus Selection				
• Other than campus recruitment	17	15	20	25
Entrepreneurs	8	7	9	11

Students progressing from PG to M.Phil. and Ph.D. is always at a lower rate. There is an increasing trend in the recruitment.

5.2.3 What is the Programme-wise completion rate/dropout rate within the time span as stipulated by the College/University?

Undergraduate Courses

Course	Year	Admitted	Completed		Drop out	
			Number	%	Number	%
B.Sc. Biochemistry	2009-2012	28	27	96.43	1	3.57
	2010-2013	22	21	95.45	1	4.55
	2011-2014	30	27	90.00	3	10.00
	2012-2015	57	51	89.47	6	10.53
	2013-2016	53	51	96.23	2	3.77

B.Com. Bank Management	2009-2012	76	66	86.84	10	13.16
	2010-2013	74	69	93.24	5	6.76
	2011-2014	68	57	83.82	11	16.18
	2012-2015	140	119	85.00	21	15.00
	2013-2016	138	124	89.86	14	10.14
B.C.A.	2009-2012	197	179	90.86	18	9.14
	2010-2013	194	174	89.69	20	10.31
	2011-2014	210	190	90.48	20	9.52
	2012-2015	209	192	91.87	17	8.13
	2013-2016	205	186	90.73	19	9.27
B.Sc. Chemistry	2009-2012	108	94	87.04	14	12.96
	2010-2013	110	99	90.00	11	10.00
	2011-2014	106	99	93.40	7	6.60
	2012-2015	100	92	92.00	8	8.00
	2013-2016	105	95	90.48	10	9.52
B.Com.	2009-2012	308	280	90.91	28	9.09
	2010-2013	308	276	89.61	32	10.39
	2011-2014	308	285	92.53	23	7.47
	2012-2015	294	258	87.76	36	12.24
	2013-2016	287	253	88.15	34	11.85
B.Sc. Computer Science	2009-2012	201	185	92.04	16	7.96
	2010-2013	210	187	89.05	23	10.95
	2011-2014	210	186	88.57	24	11.43
	2012-2015	210	199	94.76	11	5.24
	2013-2016	200	181	90.50	19	9.50
B.A. History	2009-2012	-	-	-	-	-
	2010-2013	-	-	-	-	-
	2011-2014	31	23	74.19	8	25.81
	2012-2015	26	17	65.38	9	34.62
	2013-2016	37	31	83.78	6	16.22
B.A. English	2009-2012	230	215	93.48	15	6.52
	2010-2013	308	292	94.81	16	5.19
	2011-2014	308	286	92.86	22	7.14
	2012-2015	292	242	82.88	50	17.12
	2013-2016	279	240	86.02	39	13.98

B.Sc. Microbiology	2009-2012	63	53	84.13	10	15.87
	2010-2013	48	39	81.25	9	18.75
	2011-2014	51	45	88.24	6	11.76
	2012-2015	53	49	92.45	4	7.55
	2013-2016	75	68	90.67	7	9.33
B.Sc. Mathematics	2009-2012	155	147	94.84	8	5.16
	2010-2013	157	146	92.99	11	7.01
	2011-2014	193	183	94.82	10	5.18
	2012-2015	136	128	94.12	8	5.88
	2013-2016	148	139	93.92	9	6.08
B.Sc. Physics	2009-2012	100	89	89.00	11	11.00
	2010-2013	75	75	100.00	0	0.00
	2011-2014	99	86	86.87	13	13.13
	2012-2015	81	71	87.65	10	12.35
	2013-2016	104	93	89.42	11	10.58

Postgraduate Courses

Course	Year	Admitted	Completed		Drop out	
			Number	%	Number	%
M.Sc. Microbiology	2010-2012	26	25	96.15	1	3.85
	2011-2013	21	18	85.71	3	14.29
	2012-2014	16	15	93.75	1	6.25
	2013-2015	18	17	94.44	1	5.56
	2014-2016	11	10	90.91	1	9.09
M.Sc. Mathematics	2010-2012	32	32	100.00	0	0.00
	2011-2013	32	29	90.63	3	9.38
	2012-2014	44	39	88.64	5	11.36
	2013-2015	36	36	100.00	0	0.00
	2014-2016	37	35	94.59	2	5.41
M.Sc. Physics	2010-2012	20	20	100.00	0	0.00
	2011-2013	25	24	96.00	1	4.00
	2012-2014	26	25	96.15	1	3.85
	2013-2015	26	26	100.00	0	0.00
	2014-2016	26	25	96.15	1	3.85

M.Sc. Biochemistry	2010-2012	26	26	100.00	0	0.00
	2011-2013	23	23	100.00	0	0.00
	2012-2014	26	25	96.15	1	3.85
	2013-2015	12	12	100.00	0	0.00
	2014-2016	19	18	94.74	1	5.26
M.Sc. Chemistry	2010-2012	22	20	90.91	2	9.09
	2011-2013	28	26	92.86	2	7.14
	2012-2014	20	20	100.00	0	0.00
	2013-2015	26	26	100.00	0	0.00
	2014-2016	26	26	100.00	0	0.00
M.Com.	2010-2012	30	30	100.00	0	0.00
	2011-2013	36	27	75.00	9	25.00
	2012-2014	24	23	95.83	1	4.17
	2013-2015	44	43	97.73	1	2.27
	2014-2016	40	37	92.50	3	7.50
M.Sc. Computer Science	2010-2012	11	11	100.00	0	0.00
	2011-2013	25	24	96.00	1	4.00
	2012-2014	26	24	92.31	2	7.69
	2013-2015	23	19	82.61	4	17.39
	2014-2016	26	26	100.00	0	0.00
M.Sc. Info. Tech.	2010-2012	22	22	100.00	0	0.00
	2011-2013	26	23	88.46	3	11.54
	2012-2014	14	14	100.00	0	0.00
	2013-2015	-	-	-	-	-
	2014-2016	10	8	80.00	2	20.00
M.A. English	2010-2012	-	-	-	-	-
	2011-2013	16	15	93.75	1	6.25
	2012-2014	44	42	95.45	2	4.55
	2013-2015	40	34	85.00	6	15.00
	2014-2016	39	37	94.87	2	5.13
M.S.W.	2010-2012	-	-	-	-	-
	2011-2013	-	-	-	-	-
	2012-2014	22	16	72.73	6	27.27
	2013-2015	18	16	88.89	2	11.11
	2014-2016	12	11	91.67	1	8.33

5.2.4 What is the number and percentage of students who appeared/qualified in examinations like UGC-CSIR-NET, UGC-NET, SLET, ATE / CAT / GRE / TOFEL / GMAT / Central / State services, Defense, Civil Services, etc.

Examination	Percentage Appeared
UGC-CSIR-NET	10%
UGC-NET	12%
SET	15%
Central / State Services	30%
Others	5%

5.2.5 Provide details regarding the number of Ph.D./D.Sc./D.Litt. theses submitted, accepted, resubmitted and rejected in the last four years.

Nil

5.3 Student Participation and Activities

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

List of sports and games available to students.

Sports and Games

Sports and Games	
Volleyball	Badminton
Basketball	Table Tennis
Football	Lawn Tennis
Handball	Weight Lifting
Hockey	Power Lifting
Kho-Kho	Best Physique
Kabaddi	Boxing
Ball Badminton	Chess
Track and Field Events	
100 Mts	Long Jump
200 Mts	Triple Jump
400 Mts	High Jump
800 Mts	Pole Vault
1500 Mts	Shot Put
5000 Mts	Discuss Throw
10000 Mts	Javelin Throw
4x100 Mts Relay	Hammer Throw
4x400 Mts Relay	

Culturals and Extracurricular

Singing (Solo / Group)	Dance (Solo / Group)
Mime	Skit / Drama
Carving	Folk
Instruments Playing	Art out of Waste
Elocution	Essay Writing
Quiz	Debate
Just a Minute	Poem Writing
Drawing	Painting
Rangoli	
National Service Scheme (NSS)	National Cadet Corps (NCC)
Red Ribbon Club (RRC)	Youth Red Cross (YRC)
ROTARACT	Junior Chamber International (JCI)
Citizens' Consumer Club (CCC)	Enviro Club
Women Empowerment Cell	All India Catholic Union Federation (AICUF)

Students participate in the annual intramural sports and games as per the schedule published in the students hand book. Students also participate in sports and games conducted by other institutions and organizations.

Cultural programmes are conducted during functions and festivals. Students also participate in cultural programmes organized by outside agencies.

Since the participation of students in extracurricular activities is included in the curriculum, all the UG students take part in any one of the students social service organization.

The schedule for sports and games, cultural programmes and extracurricular activities is published in the students hand book.

5.3.2 Provide details of the previous four years regarding the achievements of students in co-curricular, extracurricular activities and cultural activities at different levels: University / State / Zonal / National / International, etc.

Students of the college are encouraged to participate in sports and games and extra-curricular competitions and many of them have won prizes and brought laurels to the college.

Sports and Games

Sl. No.	Year	Game	No. Represented
1.	2011-2012	International	2
		Football (Women)	2
		All India Inter-University	7
		Athletics (Men)	2
		Best Physique (Men)	1
		Boxing (Men)	4
		South Zone	45
		Basketball (Men)	4
		Basketball (Women)	2
		Volleyball (Men)	2
		Handball (Men)	5
		Handball (Women)	4
		Football (Men)	2
		Football (Women)	12
		Kabaddi (Men)	3
		Kabaddi (Women)	1
		Hockey (Men)	1
		Hockey (Women)	2
		Kho-Kho (Men)	1
		Cricket (Women)	2
Badminton (Men)	2		
Ball Badminton (Men)	2		
2.	2012-2013	International	5
		Rowing (Women)	2
		Football (Women)	3

		All India Inter-University	32
		Athletics (Men)	4
		Cross Country (Men)	2
		Rowing (Women)	2
		Handball (Women)	7
		Football (Women)	17
		South Zone	33
		Handball (Men)	5
		Kabaddi (Men)	5
		Kabaddi (Women)	2
		Basketball (Men)	3
		Basketball (Women)	7
		Ball Badminton (Men)	1
		Ball Badminton (Women)	1
		Volleyball (Men)	2
		Volleyball (Women)	1
		Table Tennis	1
		Cricket (Women)	3
		Badminton (Women)	1
		Kho-Kho (Women)	1
		International	5
		Football (Women)	5
		All India Inter-University	26
		Athletics (Men)	4
		Cross Country (Men)	1
		Football (Women)	17
		Handball (Women)	2
		Power Lifting (Men)	1
		Best Physique (Men)	1
		South Zone	26
		Badminton (Men)	2
		Ball Badminton (Men)	2
		Basketball (Men)	3
		Basketball (Women)	3
		Cricket (Men)	1
3.	2013-2014		

		Handball (Men)	1
		Hockey (Men)	2
		Kabaddi (Men)	4
		Table Tennis (Men)	1
		Table Tennis (Women)	2
		Volleyball (Men)	3
		Volleyball (Women)	2
		All India Inter-University	17
		Football (Women)	17
		South Zone	24
		Basketball (Men)	4
		Basketball (Women)	1
		Volleyball (Women)	2
		Kabaddi (Men)	4
		Kabaddi (Women)	1
		Football (Men)	1
		Hockey (Men)	3
		Hockey (Women)	1
		Ball Badminton (Men)	2
		Ball Badminton (Women)	1
		Badminton (Men)	2
		Badminton (Women)	2
		All India Inter-University	29
		Football (Women)	21
		Athletics (Men)	5
		Weight Lifting (Men)	2
		Cross Country (Men)	1
		South Zone	35
		Basketball (Men)	3
		Basketball (Women)	1
		Volleyball (Men)	3
		Volleyball (Women)	1
		Handball (Men)	3
		Kabaddi (Men)	6
		Kabaddi (Women)	3
4.	2014-2015		
5.	2015-2016		

	Hockey (Men)	3
	Kho-Kho (Men)	1
	Kho-Kho (Women)	3
	Table Tennis (Men)	1
	Table Tennis (Women)	1
	Ball Badminton (Men)	2
	Ball Badminton (Women)	1
	Badminton (Men)	2
	Tennis (Men)	1

Extra-curricular activities

Sl. No.	Name	Competition	Prize
1	A. Poonkodi III B.Sc. Biochemistry	Tamil Elocution Competition conducted by District Eye Association on 05.09.2014	I
2	A. Poonkodi III B.Sc. Biochemistry	Vai Ko vin "Vellum sol" on 21.09.2014	
3	P. Patcy Mary I B.A. English	State Level Essay competition conducted by Gandhian Integral Forum Trust, Chennai. Governor of Tamil Nadu awarded the prize	II
4	N. Sivaranjani I B.A. English	District Level Essay Writing Competition conducted by Department of Tamil Development on 01.02.2013	
5	V. Manikandan II B.C.A.	Poetry writing Competition	
6	Niranjana III B.Sc. Chemistry	Elocution Competition	
7	Vijayashanthi II B.A. English	State level "Creative Writing Competition and Proficiency Test" Organized by Shakespeare Institute of English Studies, Chennai. English Usage	I
8	Mercy III B.A. English	Short story writing	III

9	J. Priyadarshini B.Sc. Mathematics	State Level Poetry Writing	I
10	C. Benazir III B.C.A.	National Level Declamation Contest on 'Patriotism and national Building' conducted by Nehru Yuva Kendra, Ministry of youth Affairs and Sports, Government of India, Cuddalore District. on 21.12.2015	I
11	B. Sindhu II B.C.A.	Declamation contest on 'Patriotism and Nation Building' Organized by Nehru Yuva Kendra, Ministry of youth Affairs and Sports, Government of India, Cuddalore District on 21.12.2015	Consolation
12	B. Sindhu II B.C.A.	ICTACT Youth Talk 2015	Short listed in the preliminary round
13	C. Benazir III B.C.A.	ICTACT Youth Talk 2015	Short listed in the preliminary round

National Cadet Corps (Naval Wing)

The NCC cadets of the college are selected for participation in national level camps every year.

Sl. No.	Camp	Date	Place	No. of Students
1	All India Nau Sainic Camp (AINSC)	01.11.2011 to 13.11.2011	Visakhapatnam	01 SD 01 SW
2	All India Nau Sainic Camp (AINSC)	31.10.2012 to 10.11.2012	Visakhapatnam	01 SD 01 SW
3	All India Nau Sainic Camp (AINSC)	20.11.2013 to 23.12.2013	Visakhapatnam	01 SW 01 SD
4	All India Nau Sainic Camp (AINSC)	16.10.2015 to 02.11.2015	Karwar, Karnataka	05 SD 03 SW
5	Ship Attachment Camp	01.03.2016 to 12.03.2016	Visakhapatnam	03 SD

The NCC cadets of the college take active participation in competitions conducted during the national level camps every year and won prizes.

S. No.	Name	Place Secured	Award	Name of Camp
1.	Mr. R. Varadharajan B.A. English (2011)	I (Service Subject)	Rs.1000	All India Level Nau Sainic Camp
2.	Ms. A. Deepa B.Com. (2011)	I (Best Cadet)	Rs.2000	All India Level Nau Sainic Camp
3.	Mr. Pugazhenth B.Com. Bank Mgt. (2011)	Semaphore	Gold	Inter Unit Camp (State Level)
3.	Mr. Raja Durai B.Sc. Maths (2011)	I (Pulling)	Bronze	Inter Unit Camp (State Level), Launch Camp
4.	Mr. Ezhilarasan B.Sc. Physics (2011)	I (Ship Modeling)	Silver	Inter Unit Camp (State Level) / NSC
5.	Ms. Reeta B.A.English (2011)	II (Pulling)	Bronze	Inter Unit Camp (State Level) / NSC
6.	Ms. Kavitha B.A. English (2011)	II (Rigging)	Silver	Iuc Nscum Launch
7.	Mr. Siva Kumar B.A. History (2011)	II Pulling	Silver	Inter Unit Camp (State Level) / NSC
8.	Mr. Vijaya Kumar B.C.A. (2012)	I (Ship Modeling)	Gold (Rs.2000)	All India Level Nau Sainic Camp
9.	Mr. Vel Murugan B.Sc. Chemistry (2012)	I (Service Subject)	Rs.1000	All India Level Nau Sainic Camp
10	Mr. Jayakumar B.Com. (2012)	I (Rigging, Semaphore)	Rs.1000	All India Level Nau Sainic Camp
11	Ms. Subashini B.Com. (2012)	I (Ship Modeling)	Rs.1000	All India Level Nau Sainic Camp
12	Ms. Rathna Devi B.Sc. Physics (2012)	II Health Hygiene	Rs.1000	All India Level Nau Sainic Camp
13	Mr. Iyyanar B.Sc. Comp. Sci. (2013)	I Firing	Rs.1000	All India Level Nau Sainic Camp

14	Mr. Babu S B.Com. (2013)	II (Pulling)	Silver	All India Level Nau Sainic Camp
15	Mr. Nagamuthu B.Sc. Maths (2013)	I (Pulling)	Gold	All India Level Nau Sainic Camp
16	Ms. Soundarya B.Sc. Maths (2013)	I (Ship Modeling)	Rs.2500	All India Level Nau Sainic Camp
17	Mr. Mohan. B B.C.A. (2015)	I (Drill)	Rs.1000	All India Level Nau Sainic Camp
18	Mr. Mohan. R B.Sc. Physics (2015)	II (Pulling)	Rs.1000	All India Level Nau Sainic Camp
19	Mr. Sadhanandham B.Sc. Micro Biology (2015)	I (Service Subject & Health & Hygiene)	Rs.1000	All India Level Nau Sainic Camp
20	Ms. Indra B.A. English (2015)	I (Ship Modeling)	Rs.3000	All India Nau Sainic Camp

By joining NCC many students of the college got placement after their course.

Sl. No.	Batch	Name	Placement
1	2013	Mr. Varadha Rajan	Junior Commission Officer Avilathar
2	2013	Ms. Kavitha	Tamil Nadu Police Service
3	2013	Mr. Raja Durai	Tamil Nadu Police Service
4	2013	Mr. Siva Kumar	Tamil Nadu Police Service
5	2014	Mr. Divash	Tamil Nadu Police Service
6	2014	Mr. Lenin Raj	Army, Technical Assistant
7	2012	Mr. Xavier	Army, Soldier
8	2012	Ms. Priyadharshini	RPF, Indian Railways
9	2010	Mr. Naga Muthu	Central Reserve Police Force (CRPF)
10	2013	Mr. Arul Mani	Army, Soldier
11	2013	Mr. Ashik Nerickson	Army, Soldier
12	2010	Ms. Nithya	Tamil Nadu Police Service

Cultural Events

Students of the college excel in cultural activities and have brought laurels to the institution by winning prizes.

Sl. No.	Date	Conducted by	Event	Place Secured
1	05-08-2012	Suriyan FM, Puducherry	Inter-Collegiate Dance Competition	First & Third
2	10-09-2012	Pope John Paul II College of Education, Puducherry	Inter-Collegiate Light Music Competition	First
3	10-09-2012	Pope John Paul II College of Education, Puducherry	Inter-Collegiate Group Dance Competition	First
4	13-09-2012 & 15-09-2012	<i>Festofest</i> organized by Achariya College, Puducherry	Inter-collegiate Competition	Overall Winners
5	12-02-2014	Annai Arts College Kumbakonam	Group Dance	Second Prize
6	08-03-2014	Kamban College of Arts and Science, Thiruvannamalai	Inter-collegiate Competition	Overall Winners
7	08-03-2015	Suriyan FM (Pen Queen '15)	Group Dance	Second Prize
8	08-03-2016	Suriyan FM (Pen Queen '15)	Group Dance	Second Prize

5.3.3 How often does the College collect feedback from students for improving the support services? How is the feedback used?

Once in a year. The outcome is discussed in the IQAC meeting and forwarded to the concerned programme incharges.

5.3.4 Does the College have a mechanism to seek and use data and feedback from its graduates and employers, to improve the growth and development of the College?

Yes. The information gathered through feedback from the graduates and employers are taken into consideration by the College Council.

5.3.5 How does the College involve and encourage students to publish materials like catalogues, wall magazines, College magazine, and other material? List the major publications/ materials brought out by the students during the previous academic session.

The college brings out an *annual magazine* where students write articles and publish their creative works. Individual departments also publish magazines.

5.3.6 Does the College have a Student Council or any similar body? Give details on its constitution, major activities and funding.

The college has a *Students Forum* with all class representatives as members along with the Secretary, Principal, Vice-Principal and Deans. The forum meets twice a year and discuss on students related issues.

5.3.7 Give details of various academic and administrative bodies that have student representatives on them. Provide details of their activities.

Student representatives are included in the following committees of the college.

- IQAC
- Students Forum
- Women Empowerment Cell
- Students Grievance Redressal Cell
- Library Committee
- Games & Sports Committee

The student representatives give their suggestions and opinions in the meetings of these committees.

Any additional information regarding Student Support and Progression, which the institution would like to include.

The college has made arrangement with an NGO, *Pondicherry Multipurpose Social Service Society, Puducherry* to conduct *Skill Development Programmes* for the students through the *ICT Academy*

of Tamil Nadu (ICTACT). The programmes include, *Skill Training in Banking Financial Services and Insurance, National Level Youth Entrepreneurship Development Training Programme.*

To help the students in learning Text Books / Study Materials are prepared by staff members of the college and provided to them.

S. No.	Title of the Book	Year	Published by (Department)
1	Value Education and Dynamics of Personality	I year UG Students	Psychology
2	Tamil Text Book	II year UG Students	Tamil
3	Tamil Text Book	I year UG Students	Tamil
4	Bridge Course	I year UG Students	English
5	Computer Literacy Programme (CLP)	I year UG Students	Computer Science and Computer Applications
6	Functional English-I	I year UG Students	English
7	Environmental Science	II year UG Students	Zoology, Microbiology and Biochemistry
8	Mental Health	I year UG Students	Psychology

CRITERION VI: GOVERNANCE, LEADERSHIP AND MANAGEMENT**6.1 Institutional Vision and Leadership****6.1.1 State the vision and mission of the College.****Vision:**

To work hard to prepare

- Men and Women academically and technically equipped to steer the nation along the path of progress and peace.
- Men and Women who will free the nation from the clutches of sectarianism and parochialism.

Mission:

To work hard to provide

- Wholesome and integral education that will help the students to find their footings in life.
- Ethical and social values that will help the students to confidently face the challenges of life.
- Human and community values that will help the students in building up the solidarity of all Indians.

6.1.2 Does the mission statement define the College's distinctive characteristics in terms of addressing the needs of the society, the students it seeks to serve, College's traditions and value orientations, vision for the future, etc.?

The college is situated in a socially and economically backward area mainly gets students from poor families who seek employment immediately after studies. Hence the college is striving to provide wholesome and integral education to the students to promote employability.

The college continues to create a cultured society with social and ethical values over the years and that has been widely recognized as the tradition of the college.

Through these missions the college joined hands with others to build a powerful nation.

6.1.3 How is the leadership involved in

- **ensuring the organization's management system development, implementation and continuous improvement**
- **interaction with stakeholders**
- **reinforcing culture of excellence**
- **identifying needs and championing organizational development (OD)?**

The management believes in decentralization as an effective means of successful administration and has constituted several committees to plan and develop strategies. The Secretary of the college involves in this process and ensures the plans are implemented properly. The functioning is regularly monitored and based on the outcome the strategies are continuously improved.

The management maintains a cordial relationship with the stakeholders of the institution and frequently interacts with them for the development of the institution. Student Forum meetings are conducted once in a semester and input from the students is obtained. Staff meetings are regularly conducted and their opinions and suggestions are taken into consideration. Parents-teachers-students meetings and alumni meetings provide the opportunity for interaction with these groups through which development of the institution is made possible. Representatives from industries and employers are occasionally invited for discussion in suitable forums.

Outstanding performance of the students and staff members in curricular and co-curricular activities are duly recognized and suitably rewarded by the management.

Through consultative meetings with the Heads of the Departments and through feedback from staff and students the management identifies the needs of the institution and prepares developmental strategies.

6.1.4 Were any of the senior leadership positions of the College vacant for more than a year? If so, indicate the reasons.

No

6.1.5 Does the College ensure that all positions in its various statutory bodies are filled and conduct of meetings at the stipulated intervals?

Yes

6.1.6 Does the College promote a culture of participative management? If yes, indicate the levels of participative management.

Staff members of the college are given opportunity to independently carry out academic and administrative task to exhibit their leadership skills. Opportunity is also given to staff members to represent their views and opinions by including them as members in various committees. Non-teaching staff members are also given opportunity to be part of the committees.

Gender disparity is not an issue in the institution as some of the departments are headed by women faculty.

Wherever possible students are also given leadership to carryout tasks and given opportunity to be members in committees.

6.1.7 Give details of the academic and administrative leadership provided by the University to the College?

The Principal of the college is a member of Syndicate and the Vice-Principal of the college is the Academic Council Member of the parent university.

Several members of the staff of the college are members in the Board of Studies and Board of Examiners of the parent university.

The parent university is duly represented in the college Governing Body, Academic Council and Board of Studies of the college.

6.1.8 How does the College groom the leadership at various levels?

Leadership is given to the staff members, to lead the departments and coordinate committees, based on experience.

Junior staff members are also given opportunity and exposure to create a second line of leaders.

The management identifies and continuously trains talented individuals in all categories to overcome the dearth of leaders.

Workshops and Staff Development Programmes on leadership are regularly conducted.

Through various Clubs and Associations available in the college, leadership qualities of the students are groomed.

6.1.9 Has the College evolved any strategy for knowledge management? If yes, give details.

The management encourages the faculty to continuously upgrade their knowledge by attending seminars in other institutions of higher learning.

Faculty are also motivated to present and publish papers to share their knowledge.

Faculty from one discipline are invited to give lectures for the students of other discipline, thus interdisciplinary approach is promoted.

Staff members are encouraged to write and publish books to share their expertise in the subject.

An in-house journal, *St. Joseph's Journal of Humanities and Science*, provides a platform to share the knowledge of staff and students in the field of research.

6.1.10 How are the following values reflected in various functions of the College?

Contributing to national development

The college involves the faculty and the students in various national development activities through National / International service organizations available in the college.

NSS, NCC, YRC and JCI conduct awareness programmes and rallies on Road safety, Government Schemes, Education for all, Voter awareness and electoral participation, Blood Donation. Citizens Consumer Club creates awareness on adulteration and consumer rights. Volunteers of Rotaract Club participate in Pulse Polio Programme every year.

The staff and the students of the college actively participated in the relief and rehabilitation work during the December 2015 floods.

The college has been awarded the *Best Blood Donating College* in the district consecutively for the past five years.

Fostering global competencies among students

The curriculum of various courses has been designed to equip the students with global competency.

Workshops, seminars and conferences are conducted for the students to keep them upto-date in their respective discipline.

Communication skills, Soft skills and Personality development are integrated into the curriculum to develop their potential.

Career Guidance and Placement Cell of the college organizes seminars and training programmes in collaboration with government agencies and corporate sectors.

Inculcating a value system among students

The mission of the college itself aims at inculcating a value system among students and the same is ensured by incorporating Value Education for undergraduate students and Human Rights for postgraduate students.

Common assembly is a regular practice of the institution to imbibe moral values among the students.

Promoting use of technology

To make students *Tech Savvy*, *Computer Literacy Programme* is made compulsory for the students when they join the college.

ICT enabled teaching is practiced to a major extent.

Teaching-learning is made digital based by providing Wi-Fi facility in the campus.

Virtual learning, digital education and web based learning are encouraged.

Wherever possible, sophisticated instruments are made available in the laboratories for teaching and research.

Most of the academic and administrative work are computerized. Automation software is used in the Administrative Office, Office of the Controller of Examinations and Library.

Quest for excellence

The curriculum of the courses has been designed to be at par with the global standards. The *Curriculum Development Cell* prepares the framework and with the help of the experts the syllabi for the courses are prepared. *Academic Audit* of the courses review the standard and continuous improvement in the standard is ensured.

Efficient and talented faculty are recruited and they are trained through *Orientation* and *Staff Development Programmes*.

Opportunities are given for staff members to equip themselves and excel in their profession.

Feedback from the students and *performance appraisal* are used to assess the quality of the faculty and outstanding performance is suitably rewarded.

Students are also motivated to excel in their studies and transformed into responsible citizens.

Conducive environment is provided to the students so that they can shine in extra-curricular activities, sports and games.

6.1.11 Give details of the UGC autonomous review committee's recommendations and its compliance.

The UGC autonomous review committee visited the college between 20th and 21st of February 2012.

Comments / Recommendations	Compliance
For representation in sports / extra-curricular activities at University level 50% fee concession was recommended to the management	Concession (50 – 100 %) is given to students representing the college at University level.
Extension of tenure of autonomous status to the college would be based on the acceptance of the review committee by the parent university / state government	The parent university / state government extended the autonomous status till 2016-2017.

6.2 Strategy Development and Deployment

6.2.1 Does the College have a Perspective Plan for development? If so, give the aspects considered in development of policy and strategy.

The *Planning and Evaluation Committee* of the college prepares a prospective plan for overall development of the institution.

Teaching and learning

Periodical evaluation of the curriculum and syllabi is carried out to provide an in-depth knowledge to the students on the subject.

ICT enabled modern technology is used in teaching and learning.

To help the slow learners remedial classes are conducted.

Research and development

Staff members and students are motivated to have a research culture and facilities are provided to promote outcome based research. Publication by the faculty and students is encouraged.

Workshops and seminars are conducted to get an exposure to the latest trends in the respective disciplines and to have interaction with eminent researchers.

Community engagement

Outreach programmes are given importance to serve the society. *Extension programmes* are made compulsory for the students and credits are allotted for such activities.

Committed members from local community are included in various committees of the college so as to make use of their expertise.

Human resource planning and development

Availability of adequate staff members is ensured. Quality of the teaching faculty and non-teaching staff are regularly monitored and *faculty development programmes* are organized for enhancing the efficiency.

Orientation programme are conducted for the freshers to bring them in line with the college atmosphere.

Industry interaction

In-plant trainings and industrial visits are made part of the curriculum. Projects in the post graduate courses are carried out in collaboration

with industries in case of computer science, computer applications and chemistry.

Representatives from the industry are included in the board of studies to make the curriculum suitable for industries. Experts from the industry are invited to give guest lectures.

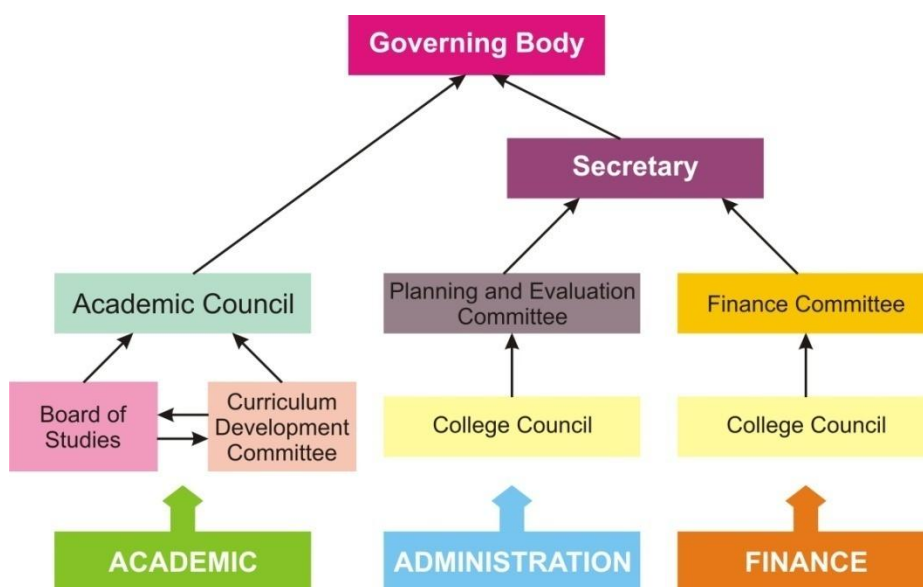
Possibility for creating MOUs with industries is being studied.

Internationalisation

Collaboration with international institutions has been planned. Alumni of the institution who are working abroad frequently visit the college and share their expertise with the students.

More number of international conferences has been planned in the near future.

6.2.2 Enunciate the internal organizational structure of the College for decision making processes and their effectiveness.



Internal Organisational Structure

The organizational structure of the institution ensures the participation of the Heads of the Departments, Deans, Vice-principal, Principal and Management. The suggestions of the students, staff members and stakeholders are represented to the authorities and management by the Heads of the Department who directly interact with them.

6.2.3 Specify how many planned proposals were initiated / implemented, during the last four years. Give details.

- Introduction of new courses in B.Com. Bank Management (Shift II), B.A. Tamil, M.A. in English, History, M.S.W., M.Phil. in History, Biochemistry, Microbiology, English and Ph.D. in Chemistry, Commerce, History, Microbiology and Biochemistry.
- Rebuilding of Tarbes Block with lecture halls, laboratories, prayer hall, staff room and seminar hall.
- Common instrumentation facility and seminar hall.
- Construction of footpath and shelters.
- Restructuring of Microbiology, Biochemistry and Physics Lab.
- Establishing Wi-Fi facility.
- New canteen building.

6.2.4 Does the College have a formally stated quality policy? How is it designed, driven, deployed and reviewed?

To provide quality education through curriculum at par with that of reputed institutions of higher education, innovative teaching, competent and qualified teachers, supportive systems and by processes of on-going evaluation and continuous refinement leading to holistic development of the student community.

The quality policy is designed by IQAC with an objective to fulfill the vision and mission of the college.

All the activities of the college are meticulously planned and executed to ensure that the quality policy is achieved.

The review process includes academic audit, analysis of examination results and feedback.

6.2.5 How does the College ensure that grievances / complaints are promptly attended to and resolved effectively? Is there a mechanism to analyze the nature of grievances for promoting better stakeholder-relationship?

Complaints / grievances from the staff and students are received and redressed by the respective grievance redressal committees.

A separate committee is available to redress the grievances of women.

A fair analysis is done on every issue and the voice of everyone is considered with special care to preserve the integrity.

6.2.6 Does the College have a mechanism for analyzing student feedback on institutional performance? If yes, what was the institutional response?

The college receives feedback from the students about the performance of the institution and analyzed by a team comprising representatives from IQAC, College Council and Management.

Based outcome of the analysis necessary action is taken for improvement.

6.2.7 In what way the affiliating University helped the College to identify the developmental needs of the College?

Representatives from the parent university are part of the *Board of Studies, Academic Council* and *Governing Body* who identify the needs of the institution while taking part in the proceedings of the respective forum. The parent university constantly encourages the college in the key areas of higher education.

6.2.8 Does the affiliating university have a functional College Development Council (CDC) or Board of College and University Development (BCUD)? If yes, In what way College is benefitted.

Yes, the affiliating university has a *College Development Council* (CDC), which helps the college in all the procedural formalities and forward the proposals to the UGC.

6.2.9 How does the College get feedback from non-teaching, teaching, parents and alumni on its functioning and how it is utilized?

The *staff meeting* provides an opportunity for the teaching and non-teaching staff to represent their views.

Interaction with parents during *parents-teachers-students meeting* helps in getting their feedback.

Formal and informal feedback is also obtained from the alumni.

The suggestions from these stakeholders are discussed in the *College Council* and forwarded to the management for consideration.

6.2.10 Does the College encourage autonomy to its academic departments and how does it ensure accountability?

Academic autonomy is given to the departments to prepare their own curriculum and syllabus.

The Departments can plan curricular, co-curricular and extra-curricular activities on their own with intimation to the Management.

Academic audit of the departments ensure the accountability of the department with respective curriculum and syllabus.

The Planning and Evaluation Committee and IQAC monitor and review the co-curricular and extra-curricular activities and ensure that the activities are properly carried out.

6.2.11 Does the College conduct performance auditing of its various departments?

Academic audit reviews the performance of each department based on the standard the syllabus, examination results and research outcome.

IQAC also frequently analyze the outcome of the activities carried out by the department.

6.3 Faculty Empowerment Strategies

6.3.1 What efforts are made by the College to enhance the professional development of teaching and non teaching staff?

The institution organizes staff development programme on Teaching Methodologies, Curriculum Development, Research, Communication Skills and Leadership Skills for the teaching faculty.

Departments also organize staff development programme and workshops on subject related themes. In addition, staff members are encouraged to attend such programmes conducted by other institutions and organizations.

Details of Staff Development / Orientation Programmes organized by the college.

S. No.	Topic	Date
1	Staff Development Programme on "Guiding M.Phil. Projects"	20.11.2011
2	Staff Orientation Programme on "Communicative English"	12.12.2012 to 21.12.2012
3	Staff Orientation Programme on "Teaching Methodology"	26.03.2013 to 28.03.2013
4	Staff Development Programme on "Preparation for NAAC accreditation"	29.12.2015
5	Staff Orientation Programme on "Interdisciplinary Research"	11.03.2016
6	Staff Development Programme on "Funding opportunities for Research"	05.04.2016

Staff members are also permitted to attend orientation and refresher courses.

Orientation programme is also organized for non-teaching staff members on aspects like communication skills and computer literacy.

Both teaching and non-teaching staff members are motivated to pursue higher studies and to do research.

6.3.2 What is the outcome of the review of the Performance Appraisal Reports? List the major decisions.

The performance appraisals of the staff members are reviewed by a committee and consolidated report is prepared. Based on the performance of the staff members faculty improvement strategies are devised and staff development programmes are conducted.

The outcome of the appraisal is also informed to the respective staff members so that they can improve their calibre.

Confirmation of the newly recruited staff members after the probationary period is done based on the appraisal reports.

Research and publication of research work are stressed upon based on the performance appraisal.

6.3.3 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?

Employees Provident Fund and Gratuity are made available to the staff members as per government norms.

Jubilarians and retiring faculty are honoured in a common forum.

Medical Leave and Maternity Leave are available.

Concession on fees is given to the wards of the staff members.

Staff tour is arranged for the teaching and non-teaching staff members.

Details of staff welfare schemes (2011-12 to 2015-16)

Benefits	No. Benefitted	Amount Spent
Gratuity	68	9299987
Teacher's Day Gift	All	1485814
Staff Tour	All	295898
Financial Assistance for Medical Expenses	10	185000
Gift for Retiring Staff	4	83000
Gift for Staff Marriage	7	30000
Festival Gift	-	54250

Financial Assistance for School Fees of the ward of a staff	1	5000
Expenses for staff gathering	All	447914
Incentive	50	130000
Medical Leave	41	--
Maternity Leave	14	--

6.3.4 What are the measures taken by the College for attracting and retaining eminent faculty?

The experience and expertise of senior faculty are duly recognized and appropriate positions are given for them.

Facilities for carrying out research and to pursue higher studies are provided.

Fairly good salary is provided for the eminent faculty based on experience.

6.3.5 Has the College conducted a gender audit during the last four years? If yes, mention a few salient findings.

Though a systematic gender audit is not carried out, due consideration is given to maintain gender equality in the campus.

6.3.6 Does the College conduct any gender sensitization programs for its staff?

The activities of the women empowerment cell of the college focus mainly on gender sensitization and gender equality.

Programmes are conducted every year to mark the International Women's Day.

6.3.7 What is the impact of the University's UGC-Academic Staff College Programmes in enhancing competencies of the College faculty?

Staff members attend orientation programmes and refresher courses conducted by the UGC-Academic Staff College on a regular basis. Such programmes help in developing the teaching and communication

skills, leadership qualities and updating the subject knowledge among staff members, so that they excel in their profession.

6.4 Financial Management and Resource Mobilization

6.4.1 What is the institutional mechanism to monitor effective and efficient use of financial resources?

Accounts section of the college prepares *annual budget* which is submitted to the *Finance committee* of the college. The committee analyzes and approves the budget and reviews the income and expenditure of the college on monthly basis.

Internally, the *Planning and Evaluation Committee* of the college also monitors the use of financial resources to some extent.

Apart from these mechanisms *auditing* also has a role in monitoring.

6.4.2 Does the College have a mechanism for internal and external audit? Give details.

Internal auditing of the accounts is carried out by the *finance committee* of the college.

External auditing is carried out by a *Chartered Accountant* appointed by the management. The auditing is done every year.

6.4.3 Provide audited income and expenditure statement of academic and administrative activities of the previous four years.

Enclosed.

6.4.4 Have the accounts been audited regularly? What are the major audit objections and how are they complied with?

Auditing of the accounts is done regularly every year.

There were no major audit objections. Non-deduction of income tax at source was noted by the auditor in a few cases which was set right.

6.4.5 Narrate the efforts taken by the College for resource mobilization.

Being a self-financing college the major income is from the fees paid by the students.

Endowment scholarships have been instituted by the philanthropists which increase in number every year.

Number of Endowment Scholarships	Amount Deposited
70	5,17,735/-

The college also receives funds from government organizations for conducting seminars, workshop and awareness programmes.

The college obtained 12(B) status in September 2015 and has applied for grants in specific areas.

6.4.6 Is there any provision for the College to maintain the ‘corpus fund’? If yes, give details.

Yes, rupees 1.35 crores have been deposited as reserve fund for *Gratuity* and rupees 1.20 crores have been deposited as reserve fund for *Salary*.

6.5 Internal Quality Assurance System

6.5.1 Does the College conduct an academic audit of its departments? If yes, give details.

The college conducts academic audit once in three years to review curriculum, syllabi, teaching learning process, examination results, research activities and extra-curricular activities of the departments.

Two external experts for each department review the details provided by the department and also carry out on campus analysis and verification.

The last academic audit was carried out in the year 2014-2015.

6.5.2 Based on the recommendations of academic audit what specific measures have been taken by the College to improve teaching, learning and evaluation?

Based on the recommendations by the members of academic audit the syllabi of departments were improved and necessary changes were made in the curriculum.

The use of ICT tools has been stressed and extended to many departments.

Laboratory facilities have been improved in science courses.

Question pattern of certain subjects were modified according to the suggestions made in the academic audit.

6.5.3 Is there a central body within the College to continuously review the teaching learning process? Give details of its structure, methodologies of operations and outcome?

The teaching learning process is monitored by the respective Heads of the Departments at the department level.

The Principal of the college directly involves in the monitoring of teaching learning.

The College Council also reviews the process by analyzing the examination results.

The Internal Quality Assurance Cell of the college also takes part in the process by obtaining feedback from the students.

6.5.4 How has IQAC contributed to institutionalizing quality assurance strategies and processes?

The Internal Quality Assurance Cell of the college has prepared the stated quality policy of the college and coordinates the various stakeholders of the institution in marching towards excellence.

The IQAC ensures quality sustenance process by periodically monitoring and reviewing the various activities of the institution.

Based on the inputs from the *academic audit, feedback from stakeholders* and *students forum*, the IQAC plan strategies for maintaining the quality.

6.5.5 Does the IQAC have external members on its committees? If so, mention any significant contribution made by such members.

Three external members have been included in the IQAC and they have suggested various quality improvement measures to make the curriculum job oriented.

Improving the communication skills of the students is another major suggestion given by the external members.

6.5.6 Has the IQAC conducted any study on the incremental academic growth of students from disadvantaged sections of society?

The IQAC ensures that the students from disadvantaged sections of the society are taken care if they perform poor in examination.

6.5.7 What policies are in place for the periodic review of administrative and academic departments, subject areas, research centres, etc.?

The Internal Quality Assurance Cell of the college is entrusted to monitor the administrative and academic departments of the college by reviewing their activities and collecting feedback from the students.

The Academic Audit has to be carried out once in three years to review the curriculum, syllabus and research output of the departments.

The College Council and the Planning and Evaluation Committee are also given the responsibility to review the academic and administrative processes periodically.

Any additional information regarding Governance, Leadership and Management, which the institution would like to include.

Respect Each Other principle is followed at all levels to ensure co-operation among the staff members.

To ensure accountability and to track record of events every department is maintaining a *Chronicle Register*.

College Council meets every month to discuss and plan proposed activities of the institution. Thus, time delay in taking decisions is minimized.

CRITERIA VII: INNOVATION AND BEST PRACTICES**7.1 Environment Consciousness****7.1.1 Does the College conduct a Green Audit of its campus?**

Green audit of the campus is carried out once in a year.

7.1.2 What are the initiatives taken by the College to make the campus eco-friendly?

The institution believes that a *Green and a Clean Campus* is a pre-requisite for healthy body and mind. Initiatives are taken at all levels to maintain the campus eco-friendly. Various clubs and social service organizations such as NSS, NCC, Rotaract and Enviro Club of the college plan and execute environment conscious programmes.

- **Energy conservation**

Awareness programmes that emphasize the *importance of saving electricity* and minimizing power consumption are regularly carried out. Instructions are given to the students and the staff members to put-off lights and fans when they are not in use.

LED lights are fitted in the new buildings to reduce power consumption.

In the existing seminar halls the *fluorescent bulbs are being replaced with CFL (Compact Fluorescent Lights) bulbs*.

- **Use of renewable energy**

Importance of *renewable energy is emphasized* through the activities of NSS, Enviro Club and the Department of Physics.

A proposal on installation of solar power panels is under the consideration of the management.

- **Water harvesting**

Rain water harvesting is being done in all the blocks of the campus to enhance the replenishment of ground water.

- **Check dam construction**

Not applicable

- **Efforts for Carbon neutrality**

Every year trees are planted to combat pollution.

- **Plantation**

Tree plantation is one of the major activities of NSS and Enviro Club. Almost all the trees fallen during the Thane Cyclone have been replaced with new saplings in the campus.

- **Hazardous waste management**

No hazardous waste is produced in the campus.

- **e-waste management**

The obsolete computers and other electronic wastes are calculated and disposed off through authorized e-waste dealer.

The Department of Computer Applications has conducted a pilot study on e-waste management.

- **any other**

- *Usage of paper is minimized* in the official communications and replaced with electronic mails (Circulars and announcements, Pay slips, etc.)

- *Use of plastics and polythene bags are minimized* inside the campus.

- *Vermicomposting pits are maintained* by the Department of Zoology and the compost produced is used as manure in the garden.

7.2 Innovations

7.2.1 Provide details of innovations introduced during the last four years which have created a positive impact on the functioning of the College.

The institution in its mission to provide quality education has introduced several innovative practices. Some of the practices are listed below:

Orientation Programme for the first year students

Students who are entering into higher education will have their own hesitation and uneasiness. To make them comfortable in the new atmosphere and make them familiar with the rules and regulations, for the past two years an orientation programme is conducted for the first year students. The programme covers *Autonomous System, Computer Literacy, Campus Facilities, Rules and Regulations of the college and Library*. This programme has been found to be useful for the students who are from rural background.

MOODLE based Teaching-Learning

MOODLE is a practice followed by the Department of Computer Applications. MOODLE is an online tool which is used to extend the scope of teaching and learning to a broader level. Using MOODLE the staff members will upload the course materials prepared by them and this will enable the students to access the same online from anywhere. Many students are finding this method useful.

Computer based test for CIA

To reduce time and the use of papers, a computer based test is conducted in selected subjects for CIA on trial basis. Students can take-up the examination with *multiple choice questions through computers* and have to answer them within a given period of time. The results are available immediately after the exam. Both students and staff members find it useful in terms of time consumption. The Department of Computer Applications has introduced this innovative type of test for their students.

Talk on my research

To develop research attitude among students and staff, Research Development Cell of the college conducts a series programmes under the banner *Talk on my Research*. Staff members with Ph.D. from various departments of the college are asked to share their research work and experience in this programme. Staff members are given 30 minutes to present and share their experience which is followed by a 10 minutes interaction. So far three programmes have been conducted in which 6 staff members have presented their research.

Sl. No.	Date	Name of the staff	Department
1	29.01.2015	Dr. M. Parimala Celia	Microbiology
2	29.01.2015	Dr. K. Shagirtha	Biochemistry
3	22.01.2016	Dr. S. Sebastian	Physics
4	22.01.2016	Dr. A. Vijaybalan	Chemistry
5	29.01.2016	Dr. S. Silvan	Biochemistry
6	29.01.2016	Dr. D. Sumitha	Microbiology

Cash Award for best paper publication

To encourage the staff members to do research and publish papers the institution has established an endowment fund from which a cash award, *Rev. Fr. G. Peter Rajendiram Award for Best Paper* is given to those who publish paper in reputed journals. This has motivated the staff members to publish quality research papers.

Real-time Application Software Projects by the students

Final year PG students of Computer Science department have projects in their curriculum. Some of the students carry out these projects as real time projects in industries and corporate offices. Based on the requirement of the industries and offices students develop application softwares which are used by the industries / offices. These projects help the students to get hands on experience and increase the employability.

Alumni as Resource Persons

The college has a good rapport with the alumni who often visit the institution. Alumni who are working in educational institutions, industries / corporate sectors and research institutes are invited to give lectures to the students and share their knowledge. Such type of practice encourages and honours the alumni and inspires the students.

7.3 Best Practices

7.3.1 Give details of any two best practices which have contributed to better academic and administrative functioning of the College.

BEST PRACTICE - I**1. Title of the Practice****Contribution towards a Sustainable Environment****2. Objectives of the Practice**

The purpose of higher education is to produce responsible human beings who make this world a happy place to live in. In a world where industrialization and technological advancement do more harm than good, Education must show the way towards a sustainable environment, St. Joseph's College realizes its commitment in this aspect and sets the following goals to achieve it.

- To have a green, eco-friendly campus.
- To create environmental awareness among the students and the public.
- To motivate the student community to create and maintain a green, pollution free environment.

3. The Context

We live in the world which is to be shared by the living and non-living entities of not only the present and also of the future. Cuddalore District is geographically divided into agricultural lands at one side and sea at the other end. While manmade disasters like industrial pollution shatters the district at one end, natural calamities like tsunami, floods and cyclone tarnishes at the other end. Reducing the man made damage by educating the people about pollution is a viable option. The environmental damages caused by the intrusion of sea water, soil erosion, loss of trees due to cyclones have to be rectified by active participation of mankind. Tree plantation can solve the issue of changing of climate to some extent. The student force can be effectively utilized for this purpose and hence St. Joseph's College has developed strategies to make the students' environment conscious.

4. The Practice

- The various departments of the institution and the student support social service organizations, including biological departments and Enviro Club, were sensitized about the environmental awareness and activities.
- Awareness programs were periodically conducted by the departments and student service organization in the form of seminars, rallies, exhibitions, competitions, etc.
- Action components are ensured in the activities of all the groups.
- Enviro club of the college took major share in the environmental activities. Guest lectures, competition for the students, exhibitions for the students, were arranged.
- Field visits to ecologically important places, environmental related research institutes were arranged for all the II year UG students who study Environmental Science as a compulsory paper.
- Departments irrespective of their subject specialization, organized environmental related programs.
- Tree plantation was carried out not only within the campus but also places in and around the college.
- Environmental related topics like *E-Waste Management*, *Vermicomposting* and *Renewable Energy* were also given importance in addition to tree plantation and pollution.
- The Department of Computer Applications has conducted a pilot study on e-waste management and developed strategies to reduce e-waste. An awareness programme on e-waste management has been conducted for the faculties and technical assistants of Computer Science and Computer Application departments.

5. Evidence of Success

- Vermicomposting has been promoted as an alternative to the use of chemical fertilizer. The Department of Zoology carries out vermicomposting project in which students as well as farmers are trained.
- The college joins hands with the NGO, *Namma Cuddalore* (meaning *Our Cuddalore*) in projects like water management, conservation of water and water sheds and fostering ecosystem.

Hundreds of volunteers from the college took part in a rally on 12.02.2016 to conserve water and watersheds and to remove *Seemai Karuvelam trees (Prosopis juliflora)*.

- Trees which fell down during the *Thane Cyclone* on 26th December 2011 in and around the campus were replaced by planting new saplings. It was an immediate action taken by the student support service organization of our college like NSS, NCC and YRC.
- The Department of Computer Applications has opted tree plantation as one of the mission and is carrying out the tree plantation project for the past 5 years. Hundreds of trees were planted in about 15 areas by the strenuous efforts of the Department.
- In addition, the department of computer applications has conducted *Environmental Awareness Programme* in 11 schools during the last five years alone.

6. Problems Encountered and Resources Required

Though the programs listed above are focusing on socially related issues, the main idea of environmental consciousness is not spared from criticism. Some of the teaching faculty and the few parents are of the opinion that environmental issues cannot be in the main sheet of the education. It is really hard to convince such people.

Secondly, though student's show much interest and take part in field related activities of the Environmental science, many are not interested in knowing the scientific aspect of it. Another problem encountered is that the convenience enjoyed by the organizers in carrying out awareness programme against action oriented programme. Next reason is that, more finance is needed for conducting action oriented than for awareness programme.

BEST PRACTICE - II**1. Title of the Practice****Promoting research culture among the staff and students****2. Objectives of the Practice**

The following have been set as the objectives of the institution to promote research in the institution.

- To create awareness among students on research.
- To sensitize the faculty to carryout research projects.
- To increase the number of research publications and research projects in the institution.

3. The Context

St. Joseph's College is a renowned institution having 25 years of excellence. The institution is known in the surroundings for its academic achievements, especially for the examination results, and the heavy demand in admission is mainly due to this reason. But with the changing scenario in the higher education, where research is being given equal importance as to teaching-learning, the institution fails to concentrate on research. This fact was reflected in the report of the NAAC in the previous two cycles also. Most of the staff members were little reluctant in taking up research activities and the mindset of the teaching faculty has to be changed. Students are also not aware of the importance of research. Not much research publications were from the institution in the past. There was an urgent need to promote research culture in the institution.

4. The Practice

- The Heads of the departments were instructed to motivate their staff and students about research.
- Series of seminars were conducted to create research awareness.
- Workshops were conducted at the department level and institutional level on research methodology, project writing, and writing scientific papers.
- Research Development Cell was assigned the responsibility of disseminating information on research schemes/ funding etc.

- Details of research activities (paper presentation / publication / attending seminars / workshop) were listed out staff wise / department-wise and displayed to encourage the participants and motivate others.
- Efforts were taken to obtain 12(B) status from the UGC and the college achieved this milestone in September 2015.
- Provision for duty leave to attend seminar and workshop was made available for the staff members.
- Cash award for the best paper publication was instituted.
- To strengthen the quality of the research by the M.Phil. scholars presentation / publication of paper from the research work is made mandatory to submit dissertation.
- Purchase of latest instruments was encouraged.
- Common instrumentation centre is established with the aim of facilitating research.
- An in house journal *St. Joseph's Journal of Humanities and Science* was introduced to facilitate publication.
- Talk on My Research programme was initiated in which faculty with Ph.D. will give a talk.
- Special funds were made available to each department to conduct seminars and workshop.

5. Evidence of Success

With the efforts taken, staff members got motivated who in turn motivated the student on research. Number of seminars / conference / workshop conducted increased. The number of papers presented by the faculty increased. M.Phil. scholars and PG students started presenting papers in conference / seminars. Many M.Phil. scholars published their research work before submitting their dissertation. Many staff members started pursuing Ph.D. programme. *Talk on My Research* programme received over whelming response from the staff and students.

6. Problems Encountered and Resources Required

Sudden expansion of research activities caused a slight imbalance in Teaching-Research. With more number of UG classes, staff members were mostly occupied by teaching. Since 12(B) status has been granted only recently, the college is yet to receive funding from UGC and because of this financial burden of the management has increased.

Investment on advanced instruments could not be made within a short period and for some of the advanced laboratory tests to be carried out were outsourced. Mobilizing funds / grants is still a difficult task.

Any additional information regarding Innovations and Best Practices, which the College would like to include.

In addition to the best practices mentioned above the institution has several other best practices. A few of them are noted here.

Bridge Course for the first year students

Students entering in to college from school often find it difficult to cope up with the advanced syllabus. To bridge the gap in the level of learning, additional classes are taught before the commencement of the regular courses every year. The institution conducts Bridge Courses for the first year students on subjects like, English (Communication English) and Mathematics. This programme reduces the stress of the students and help them acclimatize to the new courses easily.

Computer Literacy Programme

Students from rural background do not have much opportunity to learn and use computers, especially those from non computer science courses. Hence a *Computer Literacy Programme* is offered to get themselves familiar with computers when they join in first year. Study material prepared by the staff of Computer Science and Computer Applications is provided to the students to help in understanding.

Financial Assistance

Most of the students joining St. Joseph's College are from economically weaker sections and who could not get admission in government colleges. Many of them are unable to pay the fees after joining the college. To help such students to complete the course without much financial burden, concession in fees, in some cases free education, is given. Students who show outstanding performance in sports are also given concession. On an average every year 730 *students* have benefitted through *fees concessions* which amounts to *rupees 24 lakhs per year*.

Establishment of endowment scholarships

To encourage students who excel in studies and show outstanding performance, endowment scholarships are established in the institution by philanthropists. About 70 scholarships have been instituted so far.

Staff Tour

To give a break to the staff members from the routine activity tour programmes are arranged every year. The entire expenses are borne by the institution.

Feedback

To sustain the quality and improve the standard, suggestions and opinions from the stakeholders are regularly collected by the IQAC of the college. The outcome of the feedback are analysed and informed to the authorities for consideration and further action.

Interdisciplinary Research

With the development of science in various fields, the possibility of carrying out interdisciplinary research is studied by the institution. Thrust areas for research are identified in each department to promote interdisciplinary research. A project has been jointly initiated by the Department of Microbiology and Department of Social Work of the college. A few of the PG and M.Phil. projects include interdisciplinary work as a component. In case of PG and M.Phil. research projects, part of the work is carried out as an interdisciplinary work among the departments of Chemistry, Microbiology and Biochemistry.

Monthly Report / Six Months Plan and Report

Every month the members of the teaching faculty submit the report of various activities carried out by them to the IQAC. These reports are reviewed by the IQAC and Management.

Before the start of every semester, proposed plan of academic as well as co-curricular / extra-curricular activities are collected from each faculty member and also from the departments. This process helps the faculty members to have focused tasks and assignments. This also ensures the co-ordination of activities and in completing the tasks in timely manner. After the completion of the activities a final report is submitted to the IQAC at the end of the semester.

DEPARTMENT OF MATHEMATICS

- Name of the Department & its year of establishment
PG AND RESEARCH DEPARTMENT OF MATHEMATICS
Year of Establishment - 1991

- Names of Programmes / Courses offered
 - (i) UG : B.Sc. Mathematics
 - (ii) PG : M.Sc. Mathematics
 - (iii) Research : M.Phil. Mathematics

- Interdisciplinary courses and departments involved

S. No.	Course	Semester	Subject	Department involved
1	B.Sc.	I	Value Education	Psychology
2	B.Sc.	I	Mathematical Statistics-I	Statistics
3	B.Sc.	II	Personality Development	Psychology
4	B.Sc.	II	Mathematical Statistics-II	Statistics
5	B.Sc.	III	Environmental Science	Zoology
6	B.Sc.	III	Accounting for Business	Commerce
7	B.Sc.	IV	First Aid	Biochemistry
8	B.Sc.	IV	Physics	Physics
9	M.Sc.	IV	Human Resource Management	History

- Annual/ semester/choice based credit system
Semester & Choice Based Credit System
- Participation of the department in the courses offered by other departments

S. No.	Course	Department	Subject
1	B.Sc.	Physics	Allied Mathematics I&II
2	B.Sc.	Chemistry	Allied Mathematics I&II
3	B.Sc.	Computer Science	Allied Mathematics I&II
4	B.C.A.	Computer Applications	Mathematical Foundations
5	B.Com.	Commerce	Business Mathematics
6	B.Com (Bank Management)	Commerce	Mathematics For Competitive Exams

6. Number of teaching posts sanctioned and filled (Professors/Associate Professors/ Asst. Professors)

	Sanctioned	Filled
Professors	-	-
Associate Professors	-	-
Asst. Professors	17	17

7. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt., /Ph.D., / M. Phil., etc.,)

S. No.	Name	Qualification	Designation	Specialization	No. of Years Experience	No. of Ph.D. Students guided for the last 5 years
1	Mr. J. Jon Arockiaraj	M.Sc., M.Phil., B.Ed., PGDCA.,	HOD	Fuzzy Analysis, Graph theory	22	--
2	Mr. T. Henson	M.Sc., B.Ed., M.Phil., M.Sc.(IT), PGDCA.,	Asst. Professor	Differential equation, Numerical method, Algebra& Analysis	25	--
3	Mrs. A. Arockia Mary	M.Sc., M.Phil.,	Asst. Professor	Graph Theory, Fuzzy Analysis	17	--
4	Mr. S. Johnson Savarimuthu	M.Sc., M.Phil., B.Ed.,	Asst. Professor	Fuzzy analysis	22	--
5	Mr. A. Virgin Raj	M.Sc., M.Phil.	Asst. Professor	Fuzzy Analysis	16	--
6	Mrs. L. Jethruth Emelda Mary	M.Sc., M.Phil., B.Ed.,	Asst. Professor	Differential equation , Operation research, Graph theory	16	--
7	Mr. J. Arockia Aruldoss	M.Sc., M.Phil., B.Ed.,	Asst. Professor	Algebra, Calculus, Graph Theory.	11	--
8	Mrs. K. P. Suguna	M.Sc., B.Ed., M.Phil.,	Asst. Professor	Real Analysis, Graph Theory	5	--
9	Ms. S. Infancy Vimal Priya	M.Sc., M.Phil.,	Asst. Professor	2D&3D, Mechanics, Operations Research.	5	--
10	Mr. A. Venkatesan	M.Sc., B.Ed., M.Phil.	Asst. Professor	Graph theory, Commerce analysis	5	--
11	Mr. A. Rajesh	M.Sc., M.Phil., B.Ed.,	Asst. Professor	Fuzzy Analysis, Operational research	4	--
12	Mrs. R. Padma Priya	M.Sc., M.Phil., B.Ed., PGDCA.	Asst. Professor	Algebra & Trigonometry, C- language	5	--

13	Ms. M. Kalaimathi	M.Sc., M.Phil., B.Ed.,	Asst. Professor	Graph Theory, Operations Research, Diff. Equations	5	--
14	Mrs. A. Savitha Mary	M.Sc., M.Phil.	Asst. Professor	Real Analysis, C-Password Language.	4	--
15	Mrs. C. Devi Shyamala Mary	M.Sc., B.Ed., M.Phil.	Asst. Professor	Functional Equations, Operations Research.	7	--
16	Mr. M. Rathina Velu	M.Sc., B.Ed., M.Phil.	Asst. Professor	Differential equations, Numerical Methods	1	--
17	Dr. S. Anjal Mose	M.Sc., M.Phil., M.Ed., Ph.D.,	Asst. Professor	Fuzzy topology, Topology	6	--

8. Percentage of classes taken by temporary faculty – programme-wise information - **Nil**
9. Programme-wise Student Teacher Ratio
 - **UG** - **34:1**
 - **PG** - **30:1**
 - **M.Phil.** - **4:1**
10. Number of academic support staff (technical) and administrative staff: sanctioned and filled
Nil
11. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Mention names of funding agencies and grants received project-wise.
Nil
12. Departmental projects funded by DST-FIST; DBT, ICSSR, etc.; total grants received
Nil
13. Research facility / centre with
 - **State recognition** - **Nil**
 - **National recognition** - **Nil**
 - **International recognition** - **Nil**

14. Publications:

- * Number of papers published in peer reviewed journals (national / International) : **76**
- * Monographs - **Nil**
- * Chapter(s) in Books - **Nil**
- * Editing Books

Sl. No.	Staff name	Title of the Book	Name of the publisher and Place	Year	ISSN
1	Mr. J. Jon Arockiaraj	International Journal of Computing Algorithm	Integrated Intelligent Research, Chennai	2014	2278-2397 Vol.:03, May 2014

- * Books with ISBN numbers with details of publishers - **Nil**
- * Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.) - **Nil**
- * Citation Index – range / average - **Nil**
- * SNIP - **Nil**
- * SJR - **Nil**
- * Impact factor – range / average

Range	0.03 - 3.8
Average	1.3304

- * h-index - **Nil**
15. Details of patents and income generated - **Nil**
16. Areas of consultancy and income generated - **Nil**
17. Faculty recharging strategies

- **Workshops are organized to enrich the members of the staff of the department.**

S. No.	Name of the Program	Date	Resource Person
1.	Workshop on MATLAB	14.12.2015	Prof. J. Gerard Rosario
2.	Workshop on “RESEARCH METHODS AND LATEX”	15.12.2015	Prof. J. Gerard Rosario

- The members of the staff are encouraged to participate / present papers in the Seminars / Conferences / Staff Development Programme organised by other institutions.

Papers Presented		Seminar Attended		Workshop Attended	
International	National	International	National	International	National
28	19	20	31	4	28

18. Student projects

- Percentage of students who have done in-house projects including inter-departmental
 - M.Sc. Mathematics : 100%**
 - M.Phil. Mathematics: 100%**
- Percentage of students doing projects in collaboration with industries / institutes
 - Nil**

19. Awards / recognitions received at the national and international level by

- Faculty **Nil**
- Doctoral / post doctoral fellows **Nil**
- Students **Nil**

20. Seminars/ Conferences/Workshops organized and the source of funding (national international) with details of outstanding participants, if any.

Sl. No.	Seminar / Conference	Date	Eminent Scientists / Scholars
Department of Mathematics			
1	Seminar on Invention By Mathematicians	14-07-2011	Prof. Dr. K. Vairamanickam, Dept. of Science and Humanities, Krishnaswamy College of Engineering & Technology, Cuddalore-1.
2	National Level Workshop on ETMOS' 12	22-03-2012	Prof. U. Rizwann, HOD, Islamiah College, Vaniyambadi. Prof. Dr. M. Reni Sagayaraj, HOD, Sacred Heart College, Thirupattur. Prof. Dr. T. Pathinathan, Loyola College, Chennai. Prof. Dr. N.Thillaigovindan, HOD, Annamalai University.

3	National Conference on “Recent Trends on Application of Mathematics“	28-02-2014	Dr. V. Ganesh, Rajiv Gandhi College of Engineering & Technology, Puducherry. Dr. M. Gunasegaran, Sri. Subramaniya Swamy Govt. Arts College, Tiruttani. Dr. V. Jude Anne Cynthia, Stella Maris College, Chennai.
4	Seminar on “Multi Attribution Decision Making”	22-08-2014	Dr. Joseph M. Arul Asst. Prof, Dept of Computer Science & Information Engineering, Fu Jen Catholic University, Taiwan.
5	Instructional Workshop on “RESEARCH METHODS AND LATEX”	14-12-2015 & 15-12-2015	Prof. J. Gerard Rosario, IFET College, Villupuram.

21. Student profile course-wise:

Name of the Course (refer question no.2)	Year	Application received	Selected		Pass Percentage	
			Male	Female	Male	Female
B.Sc.	2011-12	250	59	134	35.71%	68.5%
	2012-13	160	29	98	27.5%	66.13%
	2013-14	190	27	121	16%	66.8%
	2014-15	250	50	157	17%	74.5%
	2015-16	280	53	171	61.54%	94.1%
M.Sc.	2011-12	50	5	27	57.58%	
	2012-13	70	6	35	56.67%	
	2013-14	55	5	31	73.17%	
	2014-15	60	7	30	81%	
	2015-16	80	7	31	76.32%	
M.Phil.	2011-12	40	8	17	100%	
	2012-13	47	8	19	100%	
	2013-14	57	9	16	100%	
	2014-15	60	10	5	99%	
	2015-16	60	8	17	--	

22. Diversity of Students

Name of the Course (refer question no. 2)	% of students from the college	% of students from the state	% of students from other States	% of students from other countries
B.Sc. (Maths)	-	96.2%	3.8%	-
M.Sc. (Maths)	43%	57%	8.31%	-
M.Phil. (Maths)	65%	35%	48%	-

23. How many students have cleared Civil Services, Defense Services, NET, SLET, GATE and any other competitive examinations?

Roll No.	Name	Course Studied	Job	Place
A12MTEB34	Priyadharshini B.	B.Sc.	Officer	Cuddalore
A12MTEB36	Priyanka P.	B.Sc.	Officer	Cuddalore
A11MTD55	Nagamuthu P.	B.Sc.	NCC Training Cadre	New Delhi
A11MTD27	Manikandan K.	B.Sc.	NCC Petty Officer Cadre	Cuddalore

24. Student progression

Student progression	Percentage against Enrolled
UG to PG	45%
PG to M.Phil.	60%
PG to Ph.D.	Nil
Ph.D. to Post-Doctoral	Nil
Employed	
• Campus selection	10%
• Other than campus recruitment	50%
Entrepreneurs	Nil

25. Diversity of staff

Percentage of faculty who are graduates	
of the same parent university	23.5%
from other universities within the State	76.5%
from other universities from other States	Nil

25. Number of faculty who were awarded Ph.D., D.Sc. and D.Litt. during the assessment period. - **Nil**
26. Present details about infrastructural facilities
- a) Library - **Available**
No. of Books in the department library : 50
 - b) Internet facilities for staff and students - **Nil**
 - c) Total number of class rooms - **8**
 - d) Class rooms with ICT facility - **Nil**
 - e) Students’ laboratories - **Nil**
 - f) Research laboratories - **Nil**
28. Number of students of the department getting financial assistance from College.

S. No.	Year	No. of Students	Amount
1	2011 – 2012	106	2,18,474
2	2012 – 2013	90	2,06,434
3	2013 – 2014	98	2,24,329
4	2014 – 2015	63	1,92,240
5	2015 - 2016	144	4,97,101

29. Was any need assessment exercise undertaken before the development of new program(s)? If so, give the methodology. **Nil**
30. Does the department obtain feedback from
- a. Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize it?
The staff discuss the curriculum and the teaching – learning - evaluation in the Board of Studies meeting with the external experts and the department completely utilizes it. Besides, the faculty are requested to give suggestions then and there and the same is implemented after the discussion with the Head of the Department.
 - b. Students on staff, curriculum as well as teaching-learning-evaluation and what is the response of the department to the same?
Feedback is obtained from the students and the same is used to improve the standard of the staff. The students discuss the present curriculum and from the suggestions the department analyses in the meeting of the Board of Studies.

- c. Alumni and employers on the programmes and what is the response of the department to the same?

The suggestions from the past students were taken into consideration when there is a change in the subject or topics. The employer, after noticing the student's performance in the exam, suggested for further improvement or rectification and they suggested for the job oriented applied subjects.

31. List the distinguished alumni of the department (maximum 10)
Alumni

S. No.	Name	Year of Study	Job Location
1	Dr. S. Vijaya Balaji M.Sc., M.Phil., Ph.D.,	1995-1998	Anna university, Panruti campus
2	Mr. A. Abdul Hakkeem Raja M.Sc., M.Phil.,	1997-2000	Branch manager, Union Bank of Indian Chennai
3	Mr. A. Ragupathy M.B.A.,	1998-2001	Manager, Shasun chemicals, Cuddalore.
4	Dr. S. Sreenivasan M.Sc., M.Phil., Ph.D.	1994-1997	Professor, Periyar Arts College, Cuddalore
5	Mr. P. Felix Ferdinand M.Sc., B.Ed., M.Phil.,	1996-1999	Asst. Prof. Sathya Bama University, Chennai
6	Mr. S. Vijaya Baskar B.Sc.,	2004-2007	Inspector of Police Panruti.
7	Mr. A. Prabhu M.Sc., M.Phil.	2009-2012	Asst. Prof. CK College of Engineering, Chellanguppam, Cuddalore
8	Dr. A. Arulselvaraj M.Sc., M.Phil., .Ph.D.,	1997-2000	Asst. Prof. Annamalai University, Chidambaram
9	Mr. M. Antoine M.Sc., M.Phil.	2010-2013	Study Centre, Puducherry
10	Mr. V. Sathish M.Sc., M.Phil., M.Ed.	2004-2006	New Millennium College of Education, Cuddalore

32. Give details of student enrichment programmes (special lectures / workshops / seminar) with external experts.

S. No.	Name of the Program	Date	Resource Person
1.	Workshop on MATLAB	14.12.2015	Prof. J. Gerard Rosario, IFET College, Villupuram.
2.	Workshop on “RESEARCH METHODS AND LATEX”	15.12.2015	Prof. J. Gerard Rosario, IFET College, Villupuram.
3.	Pi Day –Poster Presentation & Quiz Competition (State Level)	14.03.2012	
4.	Guest Lecture	05.07.2012	Dr. Francis Raj, Pondicherry University
5.	“Mathematical Modeling” Exhibition	05.08.2012	-
6.	Guest Lecture on “Research Methodology”	18.10.2013	Dr. V. Ganesh, Rajiv Gandhi College of Engineering and Technology
7.	Seminar	22.08.2014	Dr. T. Pathinathan Dr. Joseph M. Arul, Fu jen Cathodic University, Taiwan
8.	Poster Presentation	28.09.2014	-
9.	Food Festival - AMUTHU	27.02.2015	Mr. C. K. Ashok Kumar.

33. List the teaching methods adopted by the faculty for different programmes.

- i. Chalk and Black Board
- ii. OHP Projector
- iii. Students Seminar
- iv. Assignment
- v. ICT tools

34. How does the department ensure that programme objectives are constantly met and learning outcomes monitored? By conducted P.T after every seminar result to monitor the students study

- i) Conducting CIA exams
- ii) Seminars
- iii) Class test

35. Highlight the participation of students and faculty in extension activities.
Each class is assigned to conduct the extension activity twice in a year.

i) **Extension activity details.**

Class	Staff Incharge	Extension Venue	Activity
(Shift I)			
I MTD	Mr. A. Rajesh	Guanella Boys Home, Cuddalore	Mathematics coaching class
II MTD	Mrs. L. Jethruth Emelda Mary	Observation Home (Students in Juvenile Home) Cuddalore	Refreshment programs, provided note books
III MTD	Mr. J. Arockia Aruldoss	Global Handicap Trust, Cuddalore	Remedial classes, conducted competitions
I MMT	Mr. A. Virgin Raj	Old age Home (St. Mary's School), Cuddalore	Pongal celebration, provided lunch
II MMT	Mr. A. Venkatesan	Old age Home (Help Age India), Cuddalore	Provided monitory helps, and things for regular use.
(Shift II)			
I MTEA	Mr. M. Rathinavelu	Govt. Blind school, Cuddalore	Motivational classes on Mathematics
II MTEA	Ms. M. Kalaimathi	Govt. Sevai Illam, (Main), Cuddalore	Provided stationeries for the students appearing for board exams
III MTEA	Mrs. A. Savitha Mary	Leprosy people living area, Cuddalore	Conducted competition and encouraged them.
I MTEB	Ms. S. Infancy Vimal Priya	Govt. Deaf and Dumb, Cuddalore	Conducted special classes and refreshment programs
II MTEB	Mrs. C. Devi Shyamala Mary	OASIS MI Home, Cuddalore	Observation classes, provided stationeries
III MTEB	Mrs. R. Padma Priya	OASIS Handicap School, Cuddalore	Class observation, provided water bottles for regular use.

36. Give details of “beyond syllabus scholarly activities” of the department.

- **The department is regularly conducting REMEDIAL classes for Mathematics arrear students.**
- **Allowing students participate in inter collegiate competitions.**
- **Students actively participate in intra-departmental cultural competition conducted by our College.**

37. State whether the programme/ department is accredited/ graded by other agencies. Give details.

Nil

38. Detail any five Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department

Strength

- The department is conducting REMEDIAL classes at the end of every semester.
- Maintaining a decent a relationship between students and teachers.
- Job oriented syllabus updating.
- A good number of approved staff.
- Mutual understanding among staff members.

Weaknesses

- More students are from rural background.
- Many students are coming with lack of basic knowledge in Mathematics.
- Students find it difficult to cope up with medium of teaching.

Opportunities

- Co-curricular activities.
- Attending seminars in various colleges.
- Extension activities.
- Educational trip.

Challenges

- Providing basic mathematics knowledge to first year UG students.

39. Future plans of the department.

- To introduce Ph.D. programme.**
- Introducing for diploma courses**
- To publish department journal.**
- Getting sponsored research projects.**

DEPARTMENT OF PHYSICS

1. Name of the Department
PG AND RESEARCH DEPARTMENT OF PHYSICS
Year of establishment : 1991
2. Names of Programmes / Courses offered:
 - **B.Sc. Physics - 1991**
 - **M.Sc. Physics - 2008**
 - **M.Phil. Physics - 2010**
 - **Diploma in Electrical and Electronics Instrumentation (DEEI) - 2008**
3. Interdisciplinary courses and departments involved
 - **Allied Chemistry provided by Department of Chemistry**
 - **Bio Physics Provided by Department of Biochemistry**
 - **Commerce in Practice Provided by Department of Commerce**
 - **Allied Mathematics I & II Provided by Department of Mathematics**
 - **Environmental Sciences Provided by Department of Zoology**
4. Annual/ semester/choice based credit system
 - **Semester pattern with CBCS (Choice Based Credit System)**
5. Participation of the department in the courses offered by other departments
 - **Allied Physics for B.Sc. (Chemistry) -- III Semester**
 - **Allied Physics for B.Sc. (Mathematics) -- IV Semester**
6. Number of teaching posts sanctioned and filled (Professors/Associate Professors/ Asst. Professors)

	Sanctioned	Filled
Professors	-	-
Associate Professors	-	-
Asst. Professors	11	11

7. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.,)

Sl. No.	Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. Students guided for the last 4 years
1	Fr. S. Xavier	M.Sc., M.Phil.	Assistant Professor	Spectroscopy and Computational Physics	4	-
2	V. Sathana	M.Sc., M.Phil. PGDCA.	Assistant Professor	Computational Physics	6	-
3	M. Sathish	M.Sc., B.Ed., M.Phil.	Assistant Professor	Ultrasonics & Spectroscopy	5	-
4	R. Sagayaraj	M.Sc., B.Ed., M.Phil.	Assistant Professor	Ferrites	4	-
5	K. Elayakumar	M.Sc., M.Ed.,	Assistant Professor	Nanomaterials	3	-
6	S. Sangeetha Margreat	M.Sc., M.Phil.	Assistant Professor	Crystal Growth and Computational Physics	4	-
7	H. Jude Leonard Hilary	M.Sc., M.Phil., M.Ed., PGDIT.	Assistant Professor	Crystal Growth	2	-
8	M. Maria Julie	M.Sc., B.Ed., M.Phil.	Assistant Professor	Crystal Growth and Computational Physics	2	-
9	Dr. S. Sebastian	M.Sc., Ph.D.	Assistant Professor	Spectroscopy and Computational Physics	1	-
10	Dr. P. Praveen	M.Sc., Ph.D.	Assistant Professor	Nanomaterials	1	-
11	Dr. C. Yogambal	M.Sc., Ph.D., PGDCA	Assistant Professor	Crystal Growth	1	-

8. Percentage of classes taken by temporary faculty – programme-wise information

- **M.Phil.** : Nil
- **PG** : Nil
- **UG** : Nil

9. Programme-wise Student Teacher Ratio

- **UG** : 40:1
- **PG** : 26:1
- **M.Phil.** : 5:1

10. Number of academic support staff (technical);

- **Technical Staff** : 2

11. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Mention names of funding agencies and grants received project-wise.

Nil

12. Departmental projects funded by DST-FIST; DBT, ICSSR, etc.; total grants received

S. No.	Name of the Project	Period	Funding Agency	Total grants Received
1	Creating awareness programme among rural students, Self help groups and Farmers - Phase II	2012-13	Tamil Nadu State Council For Science and Technology	Rs. 1,40,000/-
2	Young Students Scientist Programme	2013-14	Tamil Nadu State Council For Science and Technology	Rs. 3,00,000/-

13. Research facility / Centre with

- o State Recognition : Nil
- o National Recognition : Nil
- o International Recognition : Nil

14. Publications:

- * Number of papers published in peer reviewed journals (National/ International) - **31**
- * Monographs : Nil
- * Chapter(s) in Books : Nil
- * Editing Books

S. No.	Name of Staff	Name of Book edited	Name of the Publisher	Year	ISBN-Number
1.	Mrs. V. Sathana	Proceedings of International conference on Emerging Trends in Physics	Vijay Nicole Imprints Private Limited	2013	978-81-8209-353-9
2.	Dr. A. Christy Ferdinand	Proceedings of International conference on Emerging Trends in Physics	Vijay Nicole Imprints Private Limited	2013	978-81-8209-353-9

- * Books with ISBN numbers with details of publishers : Nil
- * Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)
Total No: 11

* Citation Index – range / average

S. No.	Name of Staff	No. of Citations
1	Rev. Fr. S. Xavier	25
2	Dr. S. Sebastin	695
3	Dr. P. Praveen	35
4	Dr. C. Yogambal	8

* SNIP

Range	0.635 - 1.155
Average	0.91282

S. No.	Name of Staff	SNIP- Range / Average
1	Rev. Fr. S. Xavier	0.810-1.166/0.1976
2	Mrs. V. Sathana	0.598/0.598
3	Mr. M. Sathish	0.598/0.598
4	Dr. S. Sebastian	0.813/0.813
5	Dr. P. Praveen	1.023/1.023
6	Dr. C. Yogambal	1.149/1.149
7	Dr. A. Christy Ferdinand	1.166/0.194

* SJR

Range	0.15 - 0.752
Average	0.50242

S. No.	Name of Staff	SJR- Range / Average
1	Rev. Fr. S. Xavier	0.405-0.595/0.1
2	Mrs. V. Sathana	0.241/0.04
	Mr. M. Sathish	0.241/0.04
	Dr. S. Sebastian	0.463/0.463
3	Dr. P. Praveen	0.547/0.547
	Dr. C. Yogambal	0.752/0.752
4	Dr. A. Christy Ferdinand	0.595/0.099

* Impact factor – range / average

Range	0.45 - 6.226
Average	2.21242

S. No.	Name of Staff	Impact Factor- Range / Average
1	Rev. Fr. S. Xavier	1.602-2.353/1.42
2	Mrs. V. Sathana	1.1/0.86
3	Dr. S. Sebastian	1.78/1.54
4	Dr. P. Praveen	1.569/1.569
5	Dr. C. Yogambal	1.462/1.462
6	Mrs. R. Kayalvizhi	0.68/0.68
7	Dr. A. Christy Ferdinand	2.353/0.39

* h-index

S. No.	Name of Staff	h-index
1.	Rev. Fr. S. Xavier	3
2.	Dr. S. Sebastian	15
3.	Dr. P. Praveen	3
4.	Dr. C. Yogambal	2

15. Details of patents and income generated
Nil

16. Areas of consultancy and income generated
Rev. Fr. M. S. Xavier, Dean of Studies & Head of Department of Physics, is a consultant to Pondicherry Multipurpose Social Service Society, Puducherry and extending his consultancy service on projects related to Disaster Management - Seismic and surface waves. The consultancy is provided free of charge on charity basis.

17. Faculty recharging strategies

- **Workshops / Seminars are organized to enrich the members of the staff of the department.**

S. No.	Title of the Seminar/Conference/ Workshop	State Level / National Level	Date	Resource Persons
1	National Workshop on Material Science and Theoretical physics	National Level	02-09-2015 & 03-09-2015	R. Hubert Joe Asst. Prof
2	National level Robotics Workshop	National Level	26-02-2015 & 27-02-2015	Mr. Mandar kanni IIT Graduate
3	National Workshop On Instrumentation & Characterization XRD & TEM	National Level	25-10-2014	Dr. P. Parameswaran, Scientific Officer, Kalpakkam, Dr .S. Murugesan, Scientific Officer, Kalpakkam
4	International Conference on Emerging Trends in Physics	International level	21-02-2013 & 22-02-2013	Dr. A. L. Roy Vellaisamy, Scientist and Head, City University, Hong Kong & Dr. Wiwat Wongkaku Kasetsart University, Thailand
5	National Workshop on Emerging Trends in Communication System	National Level	10-02-2012	Dr. Sampath Scientist (Rtd.) DRDO.

- **The members of the staff are encouraged to participate / present papers in the Seminars / Conferences / Staff Development Programme organised by other institutions.**

Papers Presented		Staff Development Programme / Training		Seminar Attended		Workshop Attended	
Inter-national	National	Within the College	Outside the College	Inter-national	National	Inter-national	National
7	13	2	-	14	29	1	27

18. Student projects

- percentage of students who have done in-house projects including inter-departmental : **100 %**
- percentage of students doing projects in collaboration with industries / institutes : **Nil**

19. Awards / recognitions received at the national and international level by

S. No.	Name of the Faculty	Editor-in-Chief	Reviewer in Journal	
			National	International
1	Fr. S. Xavier	1	--	4
2	Dr. S. Sebastian	--	1	6
3	Dr. P. Praveen	--	1	1

Faculty Name: **Fr. S. Xavier**

- Acting as Editor-in-Chief in *St. Joseph's Journal of Humanities and Science*.
- Acting as Reviewer in *Spectrochim. Acta - A Molecular and Biomolecular Spectroscopy*, Elsevier Publications.
- Acting as Reviewer in *Journal of Molecular Structure* (Elsevier Publications).
- Acting as Reviewer in *Journal of Computational Science* (Elsevier Publications).
- Acting as Reviewer in *Journal of Main Group Chemistry* (Iran Publications).
- Best Researcher award in National Conference on Functional and Basis Sets, organized by Tagore Arts College, Puducherry held on 28-10-2015.

Faculty Name: **Dr. S. Sebastian**

- Acting as Reviewer in *Spectrochim. Acta A Molecular and Biomolecular Spectroscopy* (Elsevier Publications).
- Acting as Reviewer in *Journal of Molecular Structure* (Elsevier Publications).
- Acting as Reviewer in *Journal of Computational Science* (Elsevier Publications).
- Acting as Reviewer in *Molecular Simulation* (Taylor & Francies Publications).
- Acting as Reviewer in *Indian Journal of Pure and Applied Physics* (NISCAR Publication).
- Acting as Reviewer in *Journal of Fullerenes, Nanotubes and carbon nanotubes*, Taylor and Francies Publishers.
- Acting as Reviewer in *Computational Chemistry*, Hindawi Publishing Corporation, USA.

Faculty Name: **Dr. P. Praveen**

- Acting as Reviewer in *Spectrochim. Acta Part A: Molecular and Biomolecular Spectroscopy* (Elsevier Publications).
- Acting as Reviewer in *St. Joseph's Journal of Humanities and Science*.

- Doctoral / post-doctoral fellows

Nil

- Students

Nil

20. Seminars/ Conferences/Workshops organized and the source of funding (national / International) with details of outstanding participants, if any.

Total No: 5

S. No.	Title of the Seminar/Conference/ Workshop	State Level / National Level	Date	Funded / Sponsored by	Outstanding Participants
1	National Workshop on Material Science and Theoretical physics	National Level	02-09-2015 & 03-09-2015	Internal Funding	R. Hubert Joe Asst. Prof.
2	National level Robotics Workshop	National Level	26-02-2015 & 27-02-2015	Internal Funding	Mr. Mandar kanni IIT Graduate
3	National Workshop On Instrumentation & Characterization XRD & TEM	National Level	25-10-2014	Internal Funding	Dr. P. Parameswaran, Scientific Officer, Kalpakkam, Dr .S. Murugesan, Scientific Officer, Kalpakkam
4	International Conference on Emerging Trends in Physics	International level	21-02-2013 & 22-02-2013	Internal Funding	Dr. A. L. Roy Vellaisamy, Scientist and Head, City University, Hong Kong & Dr. Wiwat Wongkaku Kasetsart University, Thailand
5	National Workshop on Emerging Trends in Communication System	National Level	10-02-2012	Internal Funding	Dr. Sampath Scientist (Rtd.) DRDO.

21. Student profile course-wise:

(2015-2016)

Name of the Course (refer question no. 2)	Applications received	Selected		Pass percentage	
B.Sc. Physics	102	36	58	52	63
M.Sc. Physics	27	6	20	92	
M.Phil. Physics	6		5	100	

(2014-2015)

Name of the Course (refer question no. 2)	Applications received	Selected		Pass percentage	
B.Sc. Physics	105	31	40	74.19	82.50
M.Sc. Physics	26	6	20	100	
M.Phil. Physics	6		5	100	

(2013-2014)

Name of the Course (refer question no. 2)	Applications received	Selected		Pass percentage	
B.Sc. Physics	107	32	54	56.25	79.62
M.Sc. Physics	27	7	19	74.36	
M.Phil. Physics	6	1	4	100	

(2012-2013)

Name of the Course (refer question no. 2)	Applications received	Selected		Pass percentage	
B.Sc. Physics	84	30	45	33.33	77.78
M.Sc. Physics	28	6	18	75	
M.Phil. Physics	7	4	3	100	

(2011-2012)

Name of the Course (refer question no. 2)	Applications received	Selected		Pass percentage	
B.Sc. Physics	102	42	47	57.14	72.34
M.Sc. Physics	26	4	16	90	
M.Phil. Physics	7	1	6	100	

22. Diversity of Students

(2015-2016)

Name of the Course (refer question no. 2)	% of Students from the College	% of students from the state	% of Students from other States	% of Students from other Countries
B.Sc. Physics	-	79.60	20.40	-
M.Sc. Physics	38.46	80.77	19.23	-
M.Phil. Physics	-	80	20	-

(2014-2015)

Name of the Course (refer question no. 2)	% of Students from the College	% of students from the state	% of Students from other States	% of Students from other Countries
B.Sc. Physics	-	99.04	95.23	-
M.Sc. Physics	-	84.61	15.38	-
M.Phil. Physics	-	100	-	-

(2013-2014)

Name of the Course (refer question no. 2)	% of Students from the College	% of students from the state	% of Students from other States	% of Students from other Countries
B.Sc. Physics		99.06	93.45	-
M.Sc. Physics	-	100	-	-
M.Phil. Physics	-	80	20	-

(2012-2013)

Name of the Course (refer question no. 2)	% of Students from the College	% of students from the state	% of Students from other States	% of Students from other Countries
B.Sc. Physics	-	98.80	1.19	-
M.Sc. Physics	-	100	-	-
M.Phil. Physics	-	100	-	-

(2011-2012)

Name of the Course (refer question no. 2)	% of Students from the College	% of students from the state	% of Students from other States	% of Students from other Countries
B.Sc. Physics	-	99.01	0.98	-
M.Sc. Physics	-	88.46	11.53	-
M.Phil. Physics	-	100	-	-

23. How many students have cleared Civil Services, Defense Services, NET, SLET, GATE and any other competitive examinations : **5**

S. No.	Name of the Students	Batch	Exam
1	K. Prakash	2002-2005	Group II
2	S. Mathialagan	2002-2005	Group IV
3	S. Vadivel	2012-2014	TET
4	Mohana Priya	2011-2013	TET
5	D. Ashok	2008-2011	Bank Exam

24. Student progression

(2014-2015)

Student progression	Percentage against enrolled
UG to PG	37.5%
PG to M.Phil.	23.07%
PG to Ph.D.	7.6%
Ph.D. to Post-Doctoral	Nil

(2013-2014)

Student progression	Percentage against enrolled
UG to PG	39.29%
PG to M.Phil.	32%
PG to Ph.D.	8%
Ph.D. to Post-Doctoral	Nil

(2012-2013)

Student progression	Percentage against enrolled
UG to PG	38.55%
PG to M.Phil.	23.37%
PG to Ph.D.	-
Ph.D. to Post-Doctoral	Nil

(2011-2012)

Student progression	Percentage against enrolled
UG to PG	37.24%
PG to M.Phil.	45.45%
PG to Ph.D.	-
Ph.D. to Post-Doctoral	Nil

Employed

- **Campus selection** - **10%**
- **Other than campus recruitment** - **89%**
- **Entrepreneurs** - **1%**

25. Diversity of staff

Percentage of faculty who are graduates	
of the same parent university	63.64%
from other universities within the State	18.18%
from other universities from other States	18.18%

26. Number of faculty who were awarded Ph.D., D.Sc. and D.Litt. during the assessment period.

Ph.D. Completed: 1

27. Present details about infrastructural facilities

- g) **Library : Department Library**
Number of books : **150**
- h) **Internet facilities for staff and students** : **Yes**
- i) **Total number of class rooms** : **6**

- j) **Class rooms with ICT facility** : Nil
- k) **Students' laboratories** : UG – 1
PG – 3
- l) **Research laboratories** : 2

1. **Quantum Computational Research Laboratory**
2. **Research Lab for Nanotechnology and Crystal Growth**

28. Number of students of the department getting financial assistance from College :

S. No.	Year	No. of Students	Amount
1	2011 – 2012	35	90,163
2	2012 – 2013	62	1,40,709
3	2013 – 2014	86	2,29,365
4	2014 – 2015	66	2,37,569
5	2015 - 2016	71	3,04,951

29. Was any need assessment exercise undertaken before the development of new program(s)? If so, give the methodology.

Nil

30. Does the department obtain feedback from

- a. Faculty on curriculum as well as teaching-learning-evaluation?

If yes, how does the department utilize it?

Yes, informal feedback from the staff numbers is taken to the Board of Studies, the pattern and curriculum design are changed once in every three years.

- b. Students on staff, curriculum as well as teaching-learning-evaluation and what is the response of the department to the same?

Yes, the feedback of students on staff and curriculum are obtained and necessary action taken.

- c. Alumni and employers on the programmes and what is the response of the department to the same?

Feedback from the alumni and employers are obtained and used for making necessary changes.

31. List the distinguished alumni of the department (maximum 10)

S. No.	Name	Batch	UG / PG	Position	Organization
1	Dr. G. Vaitheeshwaran	1992-95	UG	Assistant Professor, Advanced Centre of Research in High Energy Materials (ACRHEM),	University of Hyderabad.
2	Dr. B. Karthikeyan (completed PDF)	1995-98	UG	Assistant Professor Department of Physics	National Institute of Technology Tiruchirappalli -620 015. India
3	Mr. Vinothkanth	1997-2000	UG	Software Engineer,	AT & Telecommunication Texas, USA
4	Christy Alexander	1998-2001	UG	Medical physicist cum RSO,	MTMH, Jamshepur-8310001 Jharkhand.
5	Dr. N. Janani	2002-05	UG	Assistant Professor	SRM University Ramapuram campus, Chennai
6	N. Ramesh	2001-2004	UG	Software Engineer,	Hi-Tech Solutions, Dubai.
7	Dr. R. Kayalvizhi	2002-2005	UG	Assistant Professor,	Pondicherry University, Puducherry
8	B. Dhuvabara Krishnan	2011-14	UG	Sales Executive	MRF Company, Perambalur
9	S. Kishore	2011-2014	UG	Tax Asst.	Income Tax Department, Chennai
10	J. Krishnapriya	2009-12	UG	Medical Physicist	Government Cancer hospital, Aurangabad

32. Give details of student enrichment programmes (special lectures / workshops / seminar) with external experts.

Total No.: 16

S. No.	Date	Resource Person	Topic
1.	25-1-2016	Dr. Daniel Chellapa, Senior Research Scientist and Co-ordinator Koodankulam Nuclear Power Plant Puducherry	Need of Nuclear energy in our country

2.	18.12.2015	Mr. M. Balamurugan Assistant Director Meteorological Department Cuddalore	Roll of Metrological Department in Weather Forecasting
3.	24-08-2015	Mr. M. Balamurugan Assistant Director Meteorological Department Cuddalore	weather reporting and other climatic conditions
4.	24.07.2015	Mr. Udayadharen, Research Analyst Tamil Nadu Science Forum Chennai	Practical demonstrations of Science Experiments
5.	24.07.2015	Mr. J. Sriram, CEO, Sundaram BNP Paribas Mumbai	Career Guidance and Motivation
6.	03.03.2015	Mr. Raja Trainer Raja Radio & T.V servicing centre Cuddalore	Television & Laptop (Trouble shooting & Servicing)
7.	26.02.2015 & 27.02.2015	Mr. MandarKini, IIT Graduate IIT-Mumbai Mumbai	Robotics
8.	25.10.2014	Dr. S. Abraham Rajasekar Assistant Professor Thiyagaraja college Chennai	Solid State Physics
9.	22.10.2014	Dr. R. Jayavel Director, Nano Science Division Anna University Chennai	Recent Trends In Nanoscience And Nanotechnology
10.	06.08.2014	Dr. S. Ramalingam, Assistant Professor AVC College (Autonomous) Mayiladuthurai	Debate on Relativity
11.	30.07.2014	Dr. S. Periandy Associate Professor Tagore Arts College Puducherry	Waves
12.	22.02.2013	Dr. Deepagupta Assistant Professor Amirtha college of Engineering Mumbai	Robotics
13.	28.08.2013	Dr. S. Periandy Associate Professor Tagore Arts College Puducherry	Quantum Mechanics

14.	23.08.2013	Dr. G. Shakila Assistant professor Bharathidasan Women College Puducherry	Concepts of Energy Crisis
15.	25.08.2012	Dr. S. Periandy Associate Professor Tagore Arts college Puducherry	“Is the Science Researches are mere waste of Human and Economic Resources or A Good deed for Humanity”
16.	06.07.2012	Mr. Joe G. M. Jesudurai H.O.D Physics Loyola college Chennai	Introduction to Intel 8086

33. List the teaching methods adopted by the faculty for different programmes.

- **Overhead projectors**
- **LCD projectors**
- **Laboratories**
- **Chalk & Talk**
- **Group Discussion**

34. How does the department ensure that programme objectives are constantly met and learning outcomes monitored?

Through Results and Progression on the student’s skill and employment.

35. Highlight the participation of students and faculty in extension activities.

Total No.: 14

S. No.	Period	Place	Activity	Staff Incharge	No. of Students
1	2015	i) Sedapalayam, Cuddalore District	Planet SJC	Dr. A. Christy Ferdinand	10
		ii) Kuppankulam, Cuddalore District.	Flood Relief Work	Rev. Fr. S. Xavier, Mr. R. Sagayaraj, Dr. Sebastian and Dr. P.Praveen	10
		iii) Mulligrampet, Cuddalore District	Planting trees	Dr. A. Christy Ferdinand	10
		iv) Santhikuppam, Cuddalore District	Evening Study Centre	Rev. Fr. S. Xavier	12
2	2014	i) Sedapalayam, Cuddalore District	Planet SJC	Dr. A. Christy Ferdinand	10
		ii) Mulligrampet, Cuddalore District	Planting trees	Dr. A. Christy Ferdinand	10
		iii) Santhikuppam, Cuddalore District.	Evening Study Centre	Rev. Fr. S. Xavier	12

3	2013	i) Sedapalayam, Cuddalore District	Planet SJC	Dr. A. Christy Ferdinand	10
		ii) Mulligrampet, Cuddalore District	Planting trees	Dr. A. Christy Ferdinand	10
		iii) Santhikuppam, Cuddalore District.	Evening Study Centre	Rev. Fr. S. Xavier	8
4	2012	i) Sedapalayam, Cuddalore District	Planet SJC	Dr. A. Christy Ferdinand	10
		ii) Santhikuppam, Cuddalore District.	Evening Study Centre	Rev. Fr. S. Xavier	8
5	2011	i) Sedapalayam, Cuddalore District	Planet SJC	Dr. A. Christy Ferdinand	10
		ii) Santhikuppam, Cuddalore District.	Evening Study Centre	Rev. Fr. S. Xavier	8

36. Give details of “beyond syllabus scholarly activities” of the department.
Participation of students and faculties in National and international Seminars, Symposia, Workshop and conferences in many colleges and universities

37. State whether the programme/ department is accredited/ graded by other agencies. Give details.
Nil

38. Detail any five Strength, Weakness, Opportunity and Challenge (SWOC) of the department

Strength:

- Staff co-ordination.
- Systematic skill based programs.
- Importance to co-curricular activities and extra-curricular activities.
- Team Spirit.
- Motivating Research Activities.

Weakness:

- Poor Communication Skill among the students.
- Weak knowledge about the subject among the students coming from rural background.
- Due to poverty, students go for part time works, which is detrimental to their all round growth.

Opportunity:

- Exposure program on scientific models.
- Diploma in Electrical & Electronic Instrumentation.
- Students are allowed to present papers in various colleges and institutions.
- Training programmes on skill development and competitive exams.
- To provide platform for learning of experimental techniques.

Challenge:

- Achieving 100% results.
 - Low grasping capacity of the rural students.
 - Lack of English communication skill among the students.
 - Getting projects from the national or international funding agency.
 - Placement for the final year students.
39. Future plans of the department.
- To introduce Ph.D. degree.
 - Research projects.
 - Coaching classes for competitive examinations.
 - Well equipped Research Lab.

DEPARTMENT OF CHEMISTRY

1. Name of the Department : **Chemistry**
Year of establishment : **1991**
2. Names of Programmes / Courses offered:
 - **UG (B.Sc. Chemistry)**
 - **PG (M.Sc. Chemistry)**
 - **M.Phil. (Chemistry)**
 - **Ph.D. (Chemistry)**
3. Interdisciplinary courses and departments involved
Courses offered by other departments:
 - **Allied Mathematics** (I &II Semester)
 - **Computer in chemistry** (IV Semester)
 - **Allied Physics** (III Semester)
 - **Food Processing Technology** (III Semester)
4. Annual/ semester/choice based credit system
 - **Semester pattern with CBCS (Choice Based Credit System)**
5. Participation of the department in the courses offered by other departments
 - **Allied Chemistry for B.Sc. (Physics)** (III Semester)
 - **Allied Chemistry for B.Sc. (Bio-Chemistry)** (I &II Semester)
6. Number of teaching posts sanctioned and filled (Professors/Associate Professors/ Asst. Professors)

	Sanctioned	Filled
Professors	-	-
Associate Professors	-	-
Assistant Professor	13	13

7. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.,)

Sl. No.	Name of the Staff	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. Students guided for the last 4 years
1	Mr. A. Amalorpavadass	M.Sc., B.Ed., M.Phil.	Head	Organic Chemistry	18	--
2	Dr. V. Periyamayagasamy	M.Sc., M.Phil., Ph.D.	Asst. Professor	Physical Chemistry	24	--
3	Mr. M. Sebastian Marianathan	M.Sc., B.Ed., M.Phil.	Asst. Professor	Inorganic Chemistry	13	--
4	Mr. T. Antony Sandosh	M.Sc., M.Phil.	Asst. Professor	Computational & Supramolecular Chemistry	11	--
5	Mr. G. Anand	M.Sc., M.Phil.	Asst. Professor	Phytochemistry	8	--
6	Ms. B. Christina	M.Sc., M.Phil.	Asst. Professor	Physical Chemistry	14	--
7	Mr. S. Richard Rajkumar	M.Sc., M.Phil.	Asst. Professor	Theoretical Chemistry	6	--
8	Mr. F. Paul Arockiadoss	M.Sc., M.Ed., M.Phil.	Asst. Professor	Theoretical Chemistry	2	--
9	Mr. S. Immanuel	M.Sc., B.Ed., M.Phil.	Asst. Professor	Environmental Chemistry	1	--
10	Dr. A. Vijayabalan	M.Sc., M.Phil., Ph.D.	Asst. Professor	Material Science	2	--
11	Mr. K. Vengadesan	M.Sc., M.Phil.	Asst. Professor	Environmental Chemistry	4	--
12	Mrs. B. Kanimozhi	M.Sc., M.Phil.	Asst. Professor	Organic Chemistry	4	--
13	Dr. Krishnaveni	M.Sc., Ph.D.	Asst. Professor	Polymer Chemistry	-	--

8. Percentage of classes taken by temporary faculty – programme-wise information
NIL

9. Programme-wise Student Teacher Ratio

- **UG : 23:1**
- **PG : 07:1**
- **M.Phil. : 03:1**

10. Number of academic support staff (technical);
 ➤ **Academic support staff (technical) : 2**
11. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Mention names of funding agencies and grants received project-wise.
NIL
12. Departmental projects funded by DST-FIST; DBT, ICSSR, etc.; total grants received:
NIL
13. Research facility / Centre with
- State Recognition
Nil
 - National Recognition
Nil
 - International Recognition
Nil
14. Publications:
- * Number of papers published in peer reviewed journals (National/ International) - 21
 - * Monographs : **Nil**
 - * Chapter(s) in Books : **Nil**
 - * Editing Books : **Nil**
 - * Books with ISBN numbers with details of publishers : **Nil**
 - * Number listed in International Database (For *e.g.* Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.) : **Nil**
 - * Citation Index – range / average : **Nil**
 - * SJR

Range	0.336 - 1.629
Average	1.04814
 - * SNIP

Range	0.538 - 1.781
Average	1.222

* Impact factor – range / average

Range	0.36 - 3.84
Average	2.197206

S. No.	Name of Staff	Impact Factor-Range / Average
1	Dr. V. Periyamayagasamy	1.569-6.226/2.87
2	Mr. T. Antony Sandosh	0.853/0.853
3	Mr. Dr. A. Vijayabalan	1.602-2.353/1.42
4	Ms. Dr. V. Krishnaveni	1.3-3.84/2.57

* h-index
Nil

15. Details of patents and income generated
Nil

16. Areas of consultancy and income generated
Nil

17. Faculty recharging strategies

- **Workshops / Seminars are organized to enrich the members of the staff of the department.**

Title of Seminars/ Conferences/ Workshops organized	Date	Resource Persons
Seminar on DENDRIMERS	01-08-2014	Dr. M. Kathiresan Inspiring Faculty CECRI, Karaikudi
National Workshop on Modern methods in organic synthesis	16-02-2016 & 17-02-2016	Prof. H. Suryaprakash Rao Department of Chemistry Pondicherry University, Puducherry. Prof. S. Kabilan Department of Chemistry Annamalai University Annamalai Nagar, Chidambaram. Dr. K. Gopu Deputy Manager Anthen Bioscience Pvt. Ltd., Bangalore Dr. U. Deva Priyakumar IIIT-H, Hyderabad

- The members of the staff are encouraged to participate / present papers in the Seminars / Conferences / Staff Development Programme organised by other institutions.

Papers Presented		Seminar Attended		Workshop Attended	
International	National	International	National	International	National
2	1	0	5	0	9

18. Student projects
- percentage of students who have done in-house projects including inter-departmental : **70%**
 - percentage of students doing projects in collaboration with industries / institutes : **30%**
19. Awards / recognitions received at the national and international level by
- Faculty : **Nil**
 - Doctoral / post-doctoral fellows : **Nil**
 - Students : **Nil**
20. Seminars/ Conferences/Workshops organized and the source of funding (national / International) with details of outstanding participants, if any.

Title of Seminars/ Conferences/ Workshops organized	Date	Source of funding	Resource Persons
Seminar on DENDRIMERS	01-08-2014	Internal funding	Dr. M. Kathiresan Inspiring Faculty CECRI, Karaikudi
National Workshop on Modern methods in organic synthesis	16-02-2016 & 17-02-2016	Internal funding	Prof. H. Suryaprakash Rao Department of Chemistry Pondicherry University, Puducherry. Prof. S. Kabilan Department of Chemistry Annamalai University Annamalai Nagar, Chidambaram. Dr. K. Gopu Deputy Manager Anthen Bioscience Pvt. Ltd., Bangalore Dr. U. Deva Priyakumar IIIT-H, Hyderabad

21. Students profile course-wise:

B.Sc. Chemistry

Year		Allotted	Applied	Admitted	Pass Percentage
2011	Boys	50	79	50	61.5
	Girls	55	100	55	79.1
2012	Boys	50	74	50	60.4
	Girls	50	92	50	73.5
2013	Boys	55	103	54	56.2
	Girls	50	98	50	70.6
2014	Boys	55	103	54	60.4
	Girls	50	98	50	90.2
2015	Boys	55	106	53	50.2
	Girls	50	98	50	65.9

M.Sc. Chemistry

Year	Allotted	Applied	Admitted	Pass Percentage
2011	26	79	25	80
2012	26	100	26	79.1
2013	26	74	26	92.3
2014	26	92	20	65
2015	26	103	26	69

M.Phil. Chemistry

Year	Allotted	Applied	Admitted	Pass Percentage
2011	15	07	07	100
2012	15	10	10	100
2013	15	18	15	100
2014	15	03	03	100
2015	15	03	03	100

22. Diversity of students

Name of the course(refer question no.2)	% of students From the college	% of students From the state	% of students from other states	% of students from other countries
B.Sc. Chemistry	-	90	10	-
M.Sc. Chemistry	60	93	7	-
M.Phil. Chemistry	-	100	-	-

23. How many students have cleared civil services, defense services, NET, SLET, GATE and any other competitive examinations? **Nil**

24. Student progression

Student progression	Percentage against enrolled
UG to PG	35
PG to M.Phil.	45
PG to Ph.D.	20
Ph.D. to Post doctoral	-
Employed <ul style="list-style-type: none"> • Campus selection : • Other than campus recruitment : 	20% 25%
Entrepreneurs	-

25. Diversity of staff

Percentage of faculty who are graduates of	
The same parent university	23%
From other universities within the state	77%
From other universities from other state	

26. Number of faculty who were awarded Ph.D., D.Sc. and D.Litt. during the assessment period:

03

27. Present details about infrastructures facilities

- a) Library : Department Library
Number of books : 30
- b) Internet facilities for staff and students : Nil
- c) Total number of class rooms : 7
- d) Class rooms with ICT facility : Nil
- e) Students' laboratories : UG - 1
PG - 1
- f) Research laboratories : 1

28. Number of students of the department getting financial assistance from college:

S. No.	Year	No. of Students	Amount
1	2011 – 2012	36	94,900
2	2012 – 2013	22	64,125
3	2013 – 2014	28	1,52,162
4	2014 – 2015	15	47,063
5	2015 - 2016	20	96,038

29. Was any need assessment exercise undertaken before the development of new program(s)? If so, give the methodology. Nil

30. Does the department obtain feedback from?

- Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize it?
Yes. Periodical discussions are organized to get the feedback of staff about the curriculum and the valuable suggestions are considered by the board of studies.
- Students on staff, curriculum as well as teaching-learning-evaluation and what is the response of the department to the same?
Yes, the feedback of students on staff and curriculum is regularly collected and remedial measures are taken.
- Alumni and employers on the programs and what is the response of the department to the same?
Yes, recent trends in chemistry are updated in the syllabus.

31. List the distinguished alumni of the department (maximum 10):

S. No.	Name	Year of Study	Course studied	Present Position/ Organisation/ Place
1.	Dr. Nandhakumar	2003-2006	B.Sc.	PDF / South Korea
2.	Dr. M. Kathiresan	2001-2004	B.Sc.	Inspiring Faculty / CECRI / Karaikudi
3.	Dr. Harinaryanan	1996-1999	B.Sc.	Deputy Manager/ DFE Pharma/ Cuddalore
4.	Dr. Kurai Theertha Kumaran	1996-1999	B.Sc.	Asst. Professor/ Annamalai University
5.	Dr. Thirumalai	1995-1998	B.Sc.	Asst. Professor/ Thiruvalluvar University
6.	Dr. K. Gopu	1999-2002	B.Sc.	Deputy Manager/ Anthem Bio Sciences/ Bangalore
7.	Dr. Selvaraj	1999-2002	B.Sc.	Manager/ Dr. Reddy's Laboratory / New Jersey-USA
8.	Dr. V. Selvaraj	1996-1999	B.Sc.	Asst. Professor / Anna University/ Villupuram
9.	Dr. Mannathan	2001-2004- 2006	B.Sc. / M.Sc.	PDF, Netherlands
10.	Dr. Deva priyakumar	1994-1997	B.Sc.	Associate Professor, International Institute of Information Technology, Hyderabad

32. Give details of student enrichment programmes (special lectures/workshops/seminar) with external experts.

S. No.	Programme	Date	Resource Person
1.	Guest Lecture	13.02.2014	Dr. L. Sivachandran, PDF, France
2.	Guest Lecture	01.08.2014	Dr. Nanadhakumar, Research Scholar, Germany
3.	Guest Lecture	22.09.2014	Dr. Harinarayanan, DFE Pharma, Cuddalore
4.	Guest Lecture	12.10.2014	Dr. Mannathan, PDF Studies, Netherlands
5.	Guest Lecture	15.07.2015	M. Ramesh, Business Manager, Chromatography and Mass Spectrum, Gulf Bio Analytical, Dubai.
6.	Guest Lecture	12.08.2015	Dr. L. Sivachandran, PDF, University of Orleans, France

33. List the teaching methods adopted by the faculty for different programs.
 - **Chalk & Talk**
 - **Lecture and discussion**
 - **Power point presentations**
34. How does the department ensure that program objectives are constantly met and learning outcomes monitored?
 - **Interaction with the current students and alumni in/outside**
 - **Having Periodical discussions among the staff**
35. Highlight the participation of students and faculty in extension activities.
 - **Students are being active members in NSS, NCC, Fine Arts Club and YRC**
 - **Students collect water and soil samples from villages around Cuddalore and analyse certain parameters. After analyzing samples, they share it with people and given awareness.**
36. Give details of “beyond syllabus scholarly activities” of the department.
 - **Extension projects**
 - **Poster presentation by students**
 - **Seminars**
37. State whether the programme /department is accredited/graded by other agencies. Give details. **Nil**
38. Detail any five strengths, weaknesses, opportunities and challenges (SWOC) of the department

Strength:

 - Hard working teachers.
 - Students centered teaching methods.
 - Good infrastructure - laboratory facilities.
 - Providing question banks and study materials.
 - Industrial projects in the final semester.

Weaknesses:

 - The student input is mainly from rural areas and they don't have the exposure to laboratory.

Opportunities:

 - Giving exposure for research.
 - Linkages with industries to promote employability.
 - Arranging industrial trips.

Challenges:

 - Most of the students are coming from rural areas and are struggling to cope up with English medium.
39. Future plans of the department.
 - To equip the laboratory with modern instruments.

DEPARTMENT OF COMPUTER SCIENCE

- Name of the department & its year of establishment
PG AND RESEARCH DEPARTMENT OF COMPUTER SCIENCE
Year of Establishment : 1991

- Names of Programmes / Courses offered

Programme	Name of the Course	Year of Establishment
Under Graduate	B.Sc. Computer Science	1991
Post Graduate	M.Sc. Computer Science	1998
	M.Sc. Information Technology	2001
Research	M.Phil. Computer Science	2009

- Interdisciplinary courses and departments involved

S. No.	Course	Semester	Subject	Departments involved
1	B.Sc. CS	I	Value Education	Psychology
2	B.Sc. CS	I	Allied Mathematics	Mathematics
3	B.Sc. CS	II	Personality Development	Psychology
4	B.Sc. CS	II	Allied Statistics	Statistics
5	B.Sc. CS	III	Environmental Science	Zoology
6	M.Sc. CS	III	Human Rights	History
7	M.Sc. IT	III	Human Rights	History

- Annual / Semester / Choice based credit System
Semester cum Choice based credit System
- Participation of the department in the courses offered by other departments
Programming in C - Department of Physics
- Number of teaching posts Sanctioned and filled (Professors / Associate Professors / Asst. Professors)

	Sanctioned	Filled
Professors	-	-
Associate Professors	-	-
Assistant Professors	17	17

7. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt./Ph.D./M.Phil. etc.,)

S. No.	Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. Students Guided For The Last 4 Years
1	Mr. M. Arumai Selvam	M.Sc.(Maths), M.Sc.(CS), M.Phil.(CS), PGDCA	HOD	4G Technology	24 yrs	Nil
2	Mrs. R. Vidya	M.Sc., M.Phil. PGDCA	Asst. Professor	Artificial Intelligence	18 yrs	Nil
3	Mrs. T. Miranda Lakshmi	M.Sc., M.Phil.	Asst. Professor	Data Mining	14 yrs	Nil
4	Mrs. C. Christy	M.C.A. M.Phil.	Asst. Professor	Architecture, Image Processing, Computer Graphics.	13yrs	Nil
5	Mrs. M. A. Maria Parimala	M.C.A., M.Phil.	Asst. Professor	Data Mining	11 yrs	Nil
6	Mr. A. R. Johnson Durai	M.C.A., M.Phil.	Asst. Professor	Database	11 yrs	Nil
7	Mr. A. Arun Benedict	M.Sc., B.Ed., M.Phil.	Asst. Professor	Image Processing	9 yrs	Nil
8	Mr. J. Jayapal	M.Sc.(IT), M.Phil.	Asst. Professor	Image Processing	7 yrs	Nil
9	Mrs. A. Victoria Ananda Mary	M.C.A., M.Phil., B.Ed.	Asst. Professor	Software Quality Assurance and Testing	6 yrs	Nil
10	Mr. S. Antony Jones	M.C.A., M.Phil.	Asst. Professor	Mobile Computing	5 yrs & 3 months	Nil
11	Mr. S. Muthu Kumaran	M.Sc.(IT), M.Phil.	Asst. Professor	NLP	5 yrs & 2 months	Nil
12	Ms. J. Hemalatha	M.Sc.(IT), M.Phil.	Asst. Professor	Multimedia (Streaming)	5 yrs	Nil
13	Mrs. V. Sudha	M.Sc.(IT), M.Phil.	Asst. Professor	Software Engineering	3 yrs	Nil
14	Ms. D. Alice Ilamathy Alexis	M.Sc., B.Ed., M.Phil.	Asst. Professor	Software Engineering	1 yr and 6 months	Nil
15	Ms. S. Jency Mary	M.Sc.(CS), M.Phil.	Asst. Professor	Multimedia	6 months	Nil
16	Mr. J. Antony Daniel Rex	M.C.A., M.Phil.	Asst. Professor	Ad Hoc Network	1 yrs & 6 months	Nil
17	Mrs. M . Valli	M.Sc.(IT), M.Phil.	Asst. Professor	Networking	5 yrs & 4 months	Nil

8. Percentage of Classes taken by temporary faculty – programme-wise Information
Nil

9. Programme-wise Student Teacher Ratio

B.Sc. (Comp. Science)	:	40:1
M.Sc. (Comp. Science)	:	10:1
M.Sc. (Info. Technology)	:	10:1
M.Phil. (Comp. Science)	:	5:1

10. Number of academic support staff (technical) and administrative staff: sanctioned and filled

	Sanctioned	Filled
Academic support staff	4	4

11. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Mention names of funding agencies and grants received project-wise

Nil

12. Departmental projects funded by DST-FIST, DBT, ICSSR, etc, total grants Received

Nil

13. Research facility / centre with

- State recognition - **Nil**
- National recognition - **Nil**
- International recognition - **Nil**

14. Publications:

*Number of Papers published in peer reviewed journals (national / international) - **68**

* Monographs - **Nil**

* Chapter(s) in Books - **Nil**

* Editing Books

Sl. No.	Staff name	Title of the Book	Name of the publisher and Place	Year	ISBN
1	Mr. M. Arumai Selvam	Computer Literacy Programme	Vijay Nicole Imprints Private Limited, Chennai	2011	ISBN-13:978-81-8209-306-5

* Books with ISBN numbers with details of publishers - **Nil**

* Number listed in international Database (For e.g. Web of Science, Scopus, Humanities international Complete, Dare Database – International Social Sciences Directory, EBSCO host, etc.) – **Nil**

* Citation Index – range/ average

S. No.	Name of Staff	No. of Citations
1	Mrs. T. Miranda Lakshmi	91

* SNIP

Range	2.495
Average	2.495

* SJR

Range	0.1 - 4.308
Average	0.6424

* Impact factor - range / average

Range	0.765 - 5.837
Average	3.348076

* h-index

Sl. No.	Name	h-index
1	Mrs. R. Vidya	1
2	Mrs. T. Miranda Lakshmi	5

15. Details of patents and income generated

Nil

16. Areas of consultancy and income generated

Nil

17. Faculty recharging strategies

- Workshops are organized to enrich the members of the staff of the department.
- The members of the staff are encouraged to participate / present papers in the Seminars / Conferences / Staff Development Programme organised by other institutions.

Papers Presented			Staff Development Programme / Training		Seminar Attended		Workshop Attended	
Inter-national	National	State	Within the College	Outside the College	Inter-national	National	Inter-national	National
19	32	1	3	-	17	25	3	61

18. Student projects

- Percentage of students who have done in-house projects including Inter – departmental

Mini Project

B.Sc. Comp. Science	- 100%
M.Sc. Comp. Science	- 100%
M.Sc. Information Technology	- 100%
M.Phil. Computer Science	- 100%

- Percentage of students doing projects in collaboration with industries / institutes

Main Project

M.Sc. Comp. Science	- 100%
M.Sc. Information Technology	- 100%
M.Phil. Computer Science	- 100%

19. Awards / recognitions received at the national and international level by

- Faculty

Nil

- Doctoral / post doctoral fellows

Nil

- Students

ALL INDIA UNIVERSITY LEVEL

2011-2012

S. No.	Year	Name	Event	Award
1	2011-2012	R. Janani	Basketball	Winner
2	2011-2012	R. Janani	Cricket	Winner
3	2011-2012	R. Janani	Badminton	Winner

2011-2014

S. No.	Year	Name	Event	Award
1	2011-2014	R. Jayashree	Hockey	Winner

2012-2013

S. No.	Year	Name	Event	Award
1	2012-2014	Viswanthan	Athletics	Winner
2	2012-2014	Prasanth	Hockey	Winner
3	2012-2013	M. Arun Balaji	NSS State Camp and Parade	Winner

2013-2014 (SHIFT-I)

S. No.	Year	Name	Event	Award
1	2013-2014	V. Vijayakumar	Basketball	Winner
2	2013-2014	A. Vivekanandhan	Basketball	Winner
3	2013-2014	S. Suresh	Basketball	Winner
4	2013-2014	Sathya Surya	Volleyball	Winner
5	2013-2014	Kishore	Basketball	Winner

NATIONAL LEVEL

2013-2014 (SHIFT-II)

S. No.	Year	Name	Event	Award
1	2013-2014	I. Vijayalakshmi	Kabaddi	Winner
2	2013-2014	B. Santhiya Rani	Badminton	Winner

2014-2015(SHIFT I)

S. No	Year	Name	Event	Award
1	2014-2015	R. Sachidhanandham	Hockey	Winner
2	2014-2015	Jeeva	Basketball	Winner

20. Seminars / Conferences/ Workshops organized and the source of funding

Sl. No.	Title	National/ International	Funding Agency	Chief Guest
1	COMPEIN' 11	National	Internal	Mr. Zulfiqarali Kamal Hyderabad
2	COMPEIN' 12	National	Internal	Dr. Kumarasan Raja Puducherry
3	COMPEIN' 14	National	Internal	M.O.H.F. Shahjahan Puducherry
4	COMPEIN 2K15	National	Internal	Mr. M. Leenus Cuddalore

21. Student profile course-wise:

Name of the Programmes (refer question no.2)	Year	Applications Received	Selected		Pass Percentage	
			Male	Female	Male	Female
B.Sc. (Comp. Sci.)	2011-2012	207	92	115	22.83%	35.56%
B.Sc. (Comp. Sci.)	2012- 2013	208	102	106	46.08%	52.75%
B.Sc. (Comp. Sci.)	2013-2014	196	82	114	9.76%	55.26%
B.Sc. (Comp. Sci.)	2014-2015	196	106	90	29.28%	67.99%
B.Sc. (Comp. Sci.)	2015-2016	193	100	93	24.12%	42.16%

Name of the Course	Year	Applications received	Selected		Pass percentage
			Male	Female	
M.Sc. (Comp. Sci.)	2011-2012	26	8	18	45.83%
M.Sc. (Comp. Sci.)	2012-2013	26	11	15	50%
M.Sc. (Comp. Sci.)	2013-2014	23	12	11	27.27%
M.Sc. (Comp. Sci.)	2014-2015	26	3	23	26.92%
M.Sc. (Comp. Sci.)	2015-2016	26	3	23	34.62%

Name of the Course	Year	Applications received	Selected		Pass percentage
			Male	Female	
M.Sc. (Info. Tech.)	2011-2012	27	10	17	15.38%
M.Sc. (Info. Tech.)	2012-2013	14	7	7	64.29%
M.Sc. (Info. Tech.)	2013-2014	-	-	-	-
M.Sc. (Info. Tech.)	2014-2015	8	3	5	22.02%
M.Sc. (Info. Tech.)	2015-2016	12	6	6	25%

Name of the Course	Year	Applications received	Selected		Pass percentage
			Male	Female	
M.Phil. (Comp. Sci.)	2011-2012	20	6	14	100%
M.Phil. (Comp. Sci.)	2012-2013	20	2	18	100%
M.Phil. (Comp. Sci.)	2013-2014	20	7	13	100%
M.Phil. (Comp. Sci.)	2014-2015	20	5	15	100%
M.Phil. (Comp. Sci.)	2015-2016	16	7	9	100%

22. Diversity of Students

Name of the course	% of Students from the same college	% of Students from the state	% of students from other States	% of Students from other countries
B.Sc. (CS)	-	93	7	-
M.Sc. (CS)	73	94	6	-
M.Sc. (IT)	50	90	10	-
M.Phil. (CS)	29	82	18	-

23. How many students have cleared Civil Services, Defense Services, NET, SLET, GATE and any other competitive examinations?

Nil

24. Student progression

Year :2011	
STUDENT PROGRESSION	TOTAL
UG to PG	16
PG to M.Phil.	11
PG to Ph.D.	Nil
Ph.D. to Doctoral	Nil
Employed	
• Campus Selection	- Nil
• Other than campus recruitment	- 20
Entrepreneurs	-12

Year :2012	
STUDENT PROGRESSION	TOTAL
UG to PG	18
PG to M.Phil.	06
PG to Ph.D.	Nil
Ph.D. to Doctoral	Nil
Employed	
<ul style="list-style-type: none"> • Campus Selection - Nil • Other than campus recruitment - 14 	
Entrepreneurs -11	

Year :2013	
STUDENT PROGRESSION	TOTAL
UG to PG	09
PG to M.Phil.	13
PG to Ph.D.	Nil
Ph.D. to Doctoral	Nil
Employed	
<ul style="list-style-type: none"> • Campus Selection - Nil • Other than campus recruitment - 19 	
Entrepreneurs -16	

Year :2014	
STUDENT PROGRESSION	TOTAL
UG to PG	19
PG to M.Phil.	11
PG to Ph.D.	Nil
Ph.D. to Doctoral	Nil
Employed	
<ul style="list-style-type: none"> • Campus Selection - Nil • Other than campus recruitment - 15 	
Entrepreneurs -15	

Year :2015	
STUDENT PROGRESSION	TOTAL
UG to PG	21
PG to M.Phil.	8
PG to Ph.D.	Nil
Ph.D. to Doctoral	Nil
Employed	
• Campus Selection	- 08
• Other than campus recruitment	- 10
Entrepreneurs -NIL	

25. Diversity of staff

Percentage of faculty who are graduates of	
The same university	29%
From other universities within the state	71%
Form other universities from other states	NIL

26. Number of faculty who were awarded Ph.D., D.Sc. and D.Litt. during the assessment period
NIL

27. Present details about infrastructural facilities

a) **Library** : Available

No. of Books available in the department library: 38

b) **Internet Facilities for staff and students:**

Internet is provided for the staff members and M.Phil. scholars in the M.Phil. Lab
 Total Number of Computers Provided for Internet: **24 Computers**

c) **Total Number of Class rooms:**

11 class rooms

d) **Class Rooms with ICT Facility:**

2 Class rooms

e) **Student’s laboratories:**

4 Laboratories and 1 Server Room

PG Lab

M.Sc. Information Technology and M.Sc. Computer Science lab: 54 Computers

UG Lab

B.Sc. Computer Science Lab : 48 Computers

f) **Research Laboratories:**

M.Phil. Research Laboratory: 24 Computers

28. Number of students of the department getting financial assistance from college.

S. No.	Year	No. of Students	Amount
1	2011 – 2012	46	1,76,750
2	2012 – 2013	97	4,26,913
3	2013 – 2014	102	4,29,443
4	2014 – 2015	49	1,88,101
5	2015 - 2016	49	2,65,087

29. Was any need assessment exercise undertaken before the development of new program(s)? If so, give the methodology.

NIL

30. Does the department obtain feedback from?

a. Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize it?

Yes.

Before the Board of Studies, a discussion with the members of the staff, student representatives and alumni is conducted and it is presented in the BoS for consideration.

b. Students on staff, curriculum as well as teaching-learning-evaluation and what is the response of the department to the same?

Receive the feed back at the end of the Academic year and measures are taken if needed.

c. Alumni and employers on the programmes and what is the response of the department to the same?

Their voices are listened and changes are made if needed.

31. List the distinguished alumni of the Department (maximum 10)

S. No.	Name	Degree	Details
1	Rajesh Kumar N.	M.Sc.(CS)	Programmer, Accenture Services India Pvt. Ltd, Chennai.
2	Sivaramakrishnan G.	M.Sc.(CS)	System Analyst, Godrej, Puducherry

3	Anitha S.	M.Sc.(IT)	Programmer, Integra Software Solution Pvt. Ltd, Puducherry
4	Arthi S.	M.Sc.(IT)	Programmer, Ref Software Services, Chennai
5	Gowtham S.	M.Sc.(IT)	Programmer, Tech Mahindra, Chennai
6	Vijaya Ruban J.	M.Sc.(IT)	Programmer, Rit Infotech, Chennai
7	Jafaerson A.	B.C.A.	Manager, HR live Connection, Chennai
8	Isidore Naveen N.	B.Sc.(CS)	Junior System Analyst, BPO Services Accentures, Chennai
9	Angel Jescoanth S.	B.Sc.(CS)	Programmer, Vertex Cust Care Unit of Management
10	Arraf Ali J.	B.Sc.(CS)	Programmer, VA Group Logistics Indian Inst. of Logic
11	Saral Navaroj R.G.	B.Sc.(CS)	Junior Analyst, Aero Emergency Responsive Officer

32. Give details of student enrichment programmes (special lectures / workshops / Seminar) with external experts.

Year 2011-2012

Date	Symposium / Seminar workshop	Topic	Experts
18.07.2011	Guest Lecture	Communication Skills	Mr. Veeraragav Rao
26.07.2011	Career Development Programme	--	Apollo Computer Education Cuddalore.
04.08.2011	Students Workshop	Interview Skills and Self Management	Mr. Zulfiqarali Kamal People Strong Hyderabad
17.08.2011	Guest Lecture	Main Projects	Ms. Kalpana HOD - CS, Kandasamy Naidu College, Cuddalore.

Year 2012-2013

Date	Symposium / Seminar/ workshop	Topic	Experts
19.07.2012	Career Development Program	--	Mr. J. Tharcus Principal C.K. School of Practical Knowledge Cuddalore
02.08.2012	Students Seminar	Mini Project	Mr. D. Vigneswararaj Asst. Prof. of CS St. Joseph's College Cuddalore
23.08.2012	Workshop	Fear Management and Techniques	Mr. Zulfiqarali Kamal Hyderabad

Year 2013-2014

Date	Symposium / Seminar/ workshop	Topic	Experts
14.08.2013	Workshop	Personal Management and Behavioural Management	Mr. Zulfiqarali Kamal Hyderabad
24.01.2014	Students Seminar	Guidelines on Mini Project	Mr. D. Vigneswararaj Asst. Prof. of CS St. Joseph's College Cuddalore

Year 2014-2015

Date	Symposium / Seminar/ workshop	Topic	Experts
06.08.2014	Career Guidance Programme	--	Jose Byte Association
12.09.2014	Students Seminar	Project Making	Mrs. T. Miranda Lakshmi Asst. Prof. of CS St. Joseph's College Cuddalore

Year 2015-2016

Date	Symposium / Seminar/ workshop	Topic	Experts
16.07.2015	Students Seminar	Aptitude and Reasoning	Mr. M. Leenus Assistant Professor Periyar Arts College Cuddalore
15.02.2016	Career Guidance Programme	--	Mr. Murugan KSOFTECH Technology Chennai
22.02.2016	Students Workshop	Hardware Assembling	Mr. Gautham KSOFTECH Technology Chennai

33. List the teaching methods adopted by the faculty for different programmes.

Seminars

- Chalk and Talk
- Assignments
- Slip Test
- Group Discussion
- Case Study
- ICT
- Industrial Visits
- In plant Training

34. How does the department ensure that programme objectives are constantly met and learning outcomes monitored?

Nil

35. Highlight the participation of students and faculty in extension activities.

Sl. No.	Date	Place	Extension Activities	Participants
1	12.09.2011 to 14.09.2011	Govt. Hr. Sec. School, Ramapuram.	Computer Literacy Programme To The Primary School Students	B.Sc. Computer Science & M.Sc. Computer Science
2	06.08.2012 To 08.08.2012	Govt. Hr. Sec. School, Ramapuram.	Computer Literacy Programme To The Primary School Students	B.Sc. Computer Science & M.Sc. Computer Science

3	18.02.2013	Govt. Deaf & Dumb Middle School, Venugopalapuram, Cuddalore.	Social Service Programme	M.Sc. (CS)
4	23.07.2014	Special Children of Govt. Blind School, Cuddalore.	Social Service Programme	M.Sc. (IT) & M.Sc. (CS)
5	17.08.2015	Govt. Municipal High School, Pudupalayam, Cuddalore.	Computer Literacy Programme to the Primary School Students	M.Sc. (IT) & M.Sc. (CS)

36. Give details of “beyond syllabus scholarly activities” of the department.

- Poster Presentation
- Paper Presentation
- Hardware Exhibition
- Seminars on Emerging Topics
- Creating Platform through innovative Ideas
- Project Enrichment Ability.

37. State whether the programme / department / is accredited / graded by other agencies. Give details.

NIL

38. Detail any five strengths, Weaknesses, opportunities and challenges (SWOC) of the department.

Strength

1. Motivating students to do extension activities.
2. Enriching students with current technology in computer science through association programmes.
3. Motivating the students to prepare for government jobs and civil service exams.
4. More concern on students over their economical environment.

Weakness

1. To cope up with the present development in the field.

Opportunities

1. Motivate the staff to publish papers in journals.
2. Organize student programme.
3. Easy access of staff to attend seminars/conferences.
4. Motivation for development of students.

Challenges

1. Lack of basic knowledge among students.

39. Future plans of the department.

- To start Ph.D. programme in Computer Science
- In the process of connecting all systems to “Rack Server”
- Planning to publish Department Journal to enrich the ability of the faculty and Research Scholars.

DEPARTMENT OF COMPUTER APPLICATIONS

1. Name of the Department & its year of establishment

Department of Computer Applications

Year of Establishment : 2011

2. Names of Programmes / Courses offered

Sl. No.	Course(s) Offered
1.	Bachelor of Computer Applications (B.C.A.)

3. Interdisciplinary courses and departments involved

S. No.	Course	Semester	Subject	Departments involved
1	B.C.A.	I	Value Education	Psychology
2	B.C.A.	I	Mathematical Foundations	Mathematics
3	B.C.A.	II	Personality Development	Psychology
4	B.C.A.	II	Statistical Methods	Statistics
5	B.C.A.	III	Environmental Science	Zoology
6	B.C.A.	III	Financial Accounting	Commerce
7	B.C.A.	III	Numerical Methods	Mathematics
8	B.C.A.	IV	Resource Management Techniques	Mathematics
9	B.C.A.	IV	Cost and Management Techniques	Commerce

4. Annual/ semester/choice based credit system

Semester system with CBCS

5. Participation of the department in the courses offered by other departments

Sl. No.	Course(s) Offered	Offered by (Name of the Dept.)
1.	Computers in Chemistry	Chemistry

6. Number of teaching posts sanctioned and filled (Professors/Associate Professors/Asst. Professors)

	Sanctioned	Filled
Professors	--	--
Associate Professors	--	--
Asst. Professors	17	17

7. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt./Ph.D. / M. Phil. etc.,)

Sl. No.	Name of the Staff	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. Students guided for the last 4 years
1	Mr. A. John Pradeep Ebenezer	M.C.A., M.Phil.	HOD., Asst. Prof.	Multimedia	15	--
2	Ms. R. Roseline	M.C.A., M.Phil.	Asst. Prof.	Distributed Computing	17	--
3	Mr. G. Suresh	M.C.A., M.Phil.	Asst. Prof.	Data Mining	14	--
4	Ms. A. Lourdu Caroline	M.C.A., M.Phil.	Asst. Prof.	Image processing	13	--
5	Ms. I. Roseline Jecinta	M.C.A., M.Phil.	Asst. Prof.	RDBMS	11	--
6	Mr. Z. John Bernard	M.C.A., M.Phil.	Asst. Prof.	Web services	10	--
7	Ms. A. Nirmala	M.C.A., M.Phil.	Asst. Prof.	Java, OOPs	10	--
8	Mr. J. Robert Adaikala Raj	M.S.I.T., M.Phil.	Asst. Prof.	Green Computing	8	--
9	Mr. I. Benjamin Franklin	M.C.A., M.Phil.	Asst. Prof.	Networking	10	--
10	Ms. R. Vidya Lakshmi	M.C.A.,	Asst. Prof.	Data Mining	6	--
11	Ms. R. Aruna Krithika	M.C.A., M.Phil.	Asst. Prof.	Cloud computing	6	--
12	Mr. C. Justin Marshal	M.Sc.I.T., M.Phil.	Asst. Prof.	DBMS	5	--
13	Ms. Mary Odilya Teena	M.C.A., M.Phil.	Asst. Prof.	Data mining	5	--
14	Ms. A. Isabella Amali	M.C.A., M.Phil.	Asst. Prof.	Multimedia	5	--
15	Mr. S. Anand Christy	M.C.A., M.Phil.	Asst. Prof.	Data mining	5	--

16	Ms. K. Padmavathi	M.Sc., M.Phil.	Asst. Prof.	Multimedia	3	--
17	Ms. P. Anjala Mary	M.Sc.I.T., M.Phil., B.Ed.	Asst. Prof.	Data mining	2	--

8. Percentage of classes taken by temporary faculty – programme-wise information
NIL

9. Programme-wise Student Teacher Ratio

Programme	Ratio (Student : Teacher)
B.C.A.	35 : 1

10. Number of academic support staff (technical) and administrative staff: sanctioned and filled

Sanctioned	Filled
4	4

11. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Mention names of funding agencies and grants received project-wise.
NIL

12. Departmental projects funded by DST-FIST; DBT, ICSSR, etc.; total grants received
NIL

13. Research facility / centre with

- o state recognition - **NIL**
- o national recognition - **NIL**
- o international recognition - **NIL**

14. Publications:

- * Number of papers published in peer reviewed journals (national / International) - **23**
- * Monographs - **NIL**
- * Chapter(s) in Books - **NIL**
- * Editing Books - **NIL**
- * Books with ISBN numbers with details of publishers - **NIL**
- * Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.) - **NIL**
- * Citation Index – range / average - **NIL**
- * SNIP - **NIL**
- * SJR - **NIL**
- * Impact factor – range / average - **NIL**
- * H-index - **NIL**

15. Details of patents and income generated
NIL

16. Areas of consultancy and income generated
NIL

17. Faculty recharging strategies

- **Workshops / Seminars are organized to enrich the members of the staff of the department.**

Sl. No.	Seminar / Workshop / Conference	Date	Resource Persons
1.	National Level Workshop on Android Applications	11-07-2013 to 12-07-2013	Mr. Saranraj CEO, Hexcon Infotech Chennai
2.	National Level Workshop on Multimedia and Visual effects	14-08-2013	Mr. S. Sidanandam Managing Director Akash Animation, Puducherry.
3.	National Level Workshop on Android Application Development	31-07-2015	Mr. Rafee Director, LeMeniz InfoTech, Puducherry.
4.	International Seminar on Industrial needs for IT market and Career Guidance	10-03-2016	Mr. Rodney, IBM Australia Global Mr. Steve Solley, IBM Australia Global

5.	National Level Workshop on MATLAB	16-03-2016	Mr. Raushan Kumar Singh Director Spectrum Solutions Puducherry
----	-----------------------------------	------------	---

- The members of the staff are encouraged to participate / present papers in the Seminars / Conferences / Staff Development Programme organised by other institutions.

Papers Presented			Staff Development Programme / Training		Seminar Attended		Workshop Attended	
Inter-national	National	State	Within the College	Outside the College	Inter-national	National	Inter-national	National
17	33	1	3	2	3	26	2	63

18. Student projects

- percentage of students who have done in-house projects including inter-departmental

Programme	Percentage
B.C.A. (Final Year)	100

- percentage of students doing projects in collaboration with industries / institutes

Programme	Percentage
B.C.A. (Final Year)	NIL

19. Awards / recognitions received at the national and international level by

- o Faculty - **NIL**
- o Doctoral / post doctoral fellows - **NIL**
- o Students - **NIL**

20. Seminars/ Conferences/Workshops organized and the source of funding (national
i. international) with details of outstanding participants, if any.

Sl. No.	Seminar / Workshop / Conference	Date	Funding	Outstanding Participant(s)
1.	National Level Workshop on Android Applications	11-07-2013 to 12-07-2013	Internal Funding	Mr. Saranraj CEO, Hexcon Infotech Chennai
2.	National Level Workshop on Multimedia and Visual effects	14-08-2013	Internal Funding	Mr. S. Sidanandam Managing Director Akash Animation, Puducherry.
3.	National Level Workshop on Android Application Development	31-07-2015	Internal Funding	Mr. Rafee Director, LeMeniz InfoTech, Puducherry.
4.	International Seminar on Industrial needs for IT market and Career Guidance	10-03-2016	Internal Funding	Mr. Rodney, IBM Australia Global Mr. Steve Solley, IBM Australia Global
5.	National Level Workshop on MATLAB	16-03-2016	Internal Funding	Mr. Raushan Kumar Singh Director Spectrum Solutions Puducherry

21. Student profile course-wise:

Name of the Course	Year	Applications Received	Students Admitted		Total No of Students Admitted	Pass Percentage	
			Male	Female		Male	Female
B.C.A.	2011-2012	310	105	105	210	50.11	59.09
B.C.A.	2012-2013	324	92	100	192	18.17	50.75
B.C.A.	2013-2014	295	92	100	192	41.58	70.77
B.C.A.	2014-2015	280	100	98	198	44.58	75.14
B.C.A.	2015-2016	305	101	97	198	45.23	86.39

22. Diversity of Students

Year	Name of the Course (refer question no. 2)	% of students from the college	% of students from the state	% of students from other States	% of students from other countries
2011-2012	B.C.A.	-	95	5	-
2012-2013	B.C.A.	-	94	6	-
2013-2014	B.C.A.	-	95	5	-
2014-2015	B.C.A.	-	92	8	-
2015-2016	B.C.A.	-	95	5	-

23. How many students have cleared Civil Services, Defense Services, NET, SLET, GATE and any other competitive examinations?

NIL

24. Student progression

2011-2012

Student progression	Percentage against enrolled
UG to PG	40%
PG to M.Phil.	--
PG to Ph.D.	--
Ph.D. to Post-Doctoral	--
Employed	
• Campus selection	10%
• Other than campus recruitment	48%
Entrepreneurs	2%

2012-2013

Student progression	Percentage against enrolled
UG to PG	50%
PG to M.Phil.	--
PG to Ph.D.	--
Ph.D. to Post-Doctoral	--
Employed <ul style="list-style-type: none"> • Campus selection • Other than campus recruitment 	15% 33%
Entrepreneurs	2%

2013-2014

Student progression	Percentage against enrolled
UG to PG	47%
PG to M.Phil.	--
PG to Ph.D.	--
Ph.D. to Post-Doctoral	--
Employed <ul style="list-style-type: none"> • Campus selection • Other than campus recruitment 	11% 40%
Entrepreneurs	2%

2014-2015

Student progression	Percentage against enrolled
UG to PG	60%
PG to M.Phil.	--
PG to Ph.D.	--
Ph.D. to Post-Doctoral	--
Employed <ul style="list-style-type: none"> • Campus selection • Other than campus recruitment 	12% 26%
Entrepreneurs	2%

2015-2016

Student progression	Percentage against enrolled
UG to PG	60%
PG to M.Phil.	--
PG to Ph.D.	--
Ph.D. to Post-Doctoral	--
Employed	
• Campus selection	10%
• Other than campus recruitment	28%
Entrepreneurs	2%

25. Diversity of staff

Percentage of faculty who are graduates	
of the same parent university	12%
from other universities within the State	88%
from other universities from other States	--

26. Number of faculty who were awarded Ph.D., D.Sc. and D.Litt. during the assessment period.

NIL

27. Present details about infrastructural facilities

a) Library

49 books on different titles are available with the department for instant access by the staff and students.

b) Internet facilities for staff and students

The computer laboratory of the department is equipped with internet facilities and the same is made available for access by staff and students.

c) Total number of class rooms

Six

d) Class rooms with ICT facility

Portable LCD projectors with Laptops and free WiFi (restricted) access are provided to all the classrooms to ensure the ICT enabled teaching and learning.

e) Students’ laboratories
UG Laboratory - 1

f) Research laboratories
NIL

28. Number of students of the department getting financial assistance from College.

Number of students got/getting financial assistance from college (Year wise)

S. No.	Year	No. of Students	Amount
1	2011 – 2012	66	2,10,156
2	2012 – 2013	62	3,02,150
3	2013 – 2014	89	4,40,163
4	2014 – 2015	92	4,87,051
5	2015 - 2016	82	4,50,501

29. Was any need assessment exercise undertaken before the development of new program(s)? If so, give the methodology.
NIL

30. Does the department obtain feedback from

a. faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize it?

- **Obtaining feedback on curriculum and syllabus from members of the faculty is practiced by the department to improvise the standard of the same. Based on the feedback, if any issue to be addressed, the department recommends the same to the Academic Council for consideration.**
- **Feedback on teaching-learning-evaluation is obtained from the faculty to improve and to introduce innovative methods in the teaching-learning-evaluation. In the case of teaching and learning the department directly implements the methods on trial basis and continues the same if it is viable. In the case of evaluation it directly implements the recommendations for internal evaluation. And for external evaluation it recommends the same to the Board of Studies for consideration.**

b. students on staff, curriculum as well as teaching-learning-evaluation and -what is the response of the department to the same?

- **The department obtains the feedback on staff from the students on various aspects. The feedback is conveyed to the individual staff members to improve of their performance if required.**
- **Feedback on teaching-learning-evaluation is obtained from the students to improve and to introduce innovative methods in the teaching-learning-evaluation. In the case of teaching and learning the**

department directly implements the methods on trial basis and continues the same if it is viable. In the case of evaluation it directly implements the recommendations for internal evaluation. And for external evaluation it recommends the same to the Board of Studies for consideration.

- c. alumni and employers on the programmes and what is the response of the department to the same?
- The department obtains feedback on the programmes offered by the department from the alumni and the employers/industry. Based on the feedback, if any modification is recommended in the course, the department forwards the same to the respective Board of Studies for consideration.

31. List the distinguished alumni of the department (maximum 10)

Sl. No.	Name	Course	Place of Work	Batch
1	Mr. S. Andrews	B.C.A.	Software Engineer Accenture, Chennai	2006-2009
2	Mr. P. Jeevaraj	B.C.A.	I Horse Technologies, Puducherry	2006-2009
3	Mr. S. Bathma Priya	B.C.A.	I Horse Technologies, Puducherry	2006-2009
4	Mr. R. Arun	B.C.A.	Senior Software Engineer Infosys, Bangalore	2006-2009
5	Ms. R. Abirami	B.C.A.	Project Engineer Wipro, Bangalore	2009-2012
6	Mr. R. Adthiyan	B.C.A.	Project Engineer, Wipro, Chennai	2009-2012
7	Ms. S. Thenmozhi	B.C.A.	Wipro, Bangalore	2009-2012
8	Ms. A. R. Arthi	B.C.A.	Database Administrator State Bank of India, Chennai	2009-2012
9	Ms. Pavithra	B.C.A.	I Horse Technologies, Puducherry	2009-2012

32. Give details of student enrichment programmes (special lectures / workshops / seminar) with external experts.

Workshops

Sl. No.	Lecture / Workshop / Seminar	Date	External Experts / Industry
1	National Level workshop on Android Applications	11-07-2013 12-07-2013	Hexcon Infotech, Puducherry
2	National Level Workshop on Multimedia and Visual effects	14-08-2013	Akash Animation, Puducherry
3	National Level workshop on Android Application Development	31-07-2015	Leminz Infotech, Puducherry
4	International Seminar on Industrial needs for IT market and Career Guidance	10-03-2016	Mr. Rodney, Mr. Steve Solley, IBM Australia Global.
5	National Level workshop on MATLAB	16-03-2016	Spectrum Solutions, Puducherry

Seminars / Special Lectures

S. No.	Topic	Date	External Experts
1	Career Guidance	26-07-2011	Ms. Vanitha Deputy Supdt. of Police District Police Office, Department of Police, Cuddalore Mr. Vimal Thomas Technical Head Accenture, Bangalore
2	Networking	13-07-2012	Mr. Radhakrishnan Deputy General Manager BSNL, Cuddalore
3	Women Psychological and Physiological problems	13-07-2012	Dr. Kavitha Saravanan Medical Practitioner (Gynecologist) Saravana Hospital, Cuddalore
4	Career Guidance & Placement	18-02-2013	Mr. Jeevaraj Project Leader I-Horse Ltd, Puducherry
5	Android Mobile Applications	11-06-2013	Mr. Saranraj Chief Executive Officer Hexcon Infotech, Chennai
6	Multimedia and Visual Effects	14-08-2013	Mr. Sidarthan Project Leader Akash Multimedia Puducherry

7	Software Development and Placement Opportunities	22-01-2014	Mr. Vimal Thomas Business Intelligence Red Cross Red Shield Louisiana, US
8	Software Development Strategies and Placement Opportunities	31-07-2014	Mr. Paul Arokiadass Jerald Assistant Professor Periyar Govt Arts College Cuddalore
9	Skill Development and Entrepreneurship	02-07-2015	Mr. A. Kirubakaran Correspondent St. Paul Public School Panruti

33. List the teaching methods adopted by the faculty for different programmes.
- **Lecture method**
 - **Chalk and Talk**
 - **Seminars**
 - **Students Seminars**
 - **ICT enabled teaching (Power Point / Demo Video / Internet)**
 - **Assignments**
 - **Case Study**
 - **Industrial Visits**
 - **In-plant Training**
 - **Practical Sessions**
34. How does the department ensure that programme objectives are constantly met and learning outcomes monitored?
- **Feedback of the programme from different stakeholders is obtained to ensure the programme objectives are met.**
 - **Learning outcome is monitored through the continuous internal assessment and semester examinations**
35. Highlight the participation of students and faculty in extension activities.
The department is actively engaged in involving students and faculty in the extension activities to ensure the involvement in community oriented engagements. This also ensures the students to grow themselves as responsible citizens and thus ensures social justice.

Sl. No.	Place	Extension Activity	Date
1	R.C Primary School, Veeraredikuppam, Viruthachalam (collaboration with CISCO, Chennai)	• 110 Footwear donated	26-03-2016
2	Edankondonpattu and Ayeekuppam village, Kurinchipadi Taluk (Collaboration with CISCO employees in Chennai)	• Flood Relief Activity • Donated School Kits (School Bag, Notebooks, Pencil Boxes) and Snacks to School Children	21-12-2015

3	Vilva Nagar and Rajambal Nagar (collaboration with Christian Medical College (CMC), Vellore)	<ul style="list-style-type: none"> •Flood Relief Activities •Donated basic needs such as Buckets, Stainless Steel Kitchen Utensils and Grocery Items •Free Medical Camp 	19-12-2015
4	Gopalapuram Sub-Parish Periyapattu	<ul style="list-style-type: none"> •Donated Amplifier 	22-08-2015
5	Panchayat Union Middle School Arisiperiyankuppam, Cuddalore Dt.	<ul style="list-style-type: none"> •General Awareness •Computer Literacy •Spoken English •Environmental Awareness •Sapling Plantation •Conducted Quiz Competitions 	23-07-2015
6	Help Age Homes, Thamaraikulam, Cuddalore	<ul style="list-style-type: none"> •Donated Ceiling Fans (3 Nos.) 	10-07-2015
7	Santham Mentally and Physically Handicap Home Vadukupalayam Pathirikuppam Cuddalore	<ul style="list-style-type: none"> •Conducted Games •Entertained students with cultural events •Provided Lunch •Donated Notebooks, Carom Board, Charts, Biscuits and Balls. 	17-03-2015
8	Immaculate Heart Of Mary Social Service Society Ariyankuppam, Puducherry	<ul style="list-style-type: none"> •Motivation Programme on different heads 	11-03-2015
9	Winner's Home Nellikuppam, Cuddalore	<ul style="list-style-type: none"> •Donated Wet Grinder •Provided Lunch and Snacks 	11-03-2015
10	St. Joseph's School Eraiyur Ulundurpet TK	<ul style="list-style-type: none"> •Awareness programme on various issues •Computer Literacy •Conducted quiz competitions 	03-03-2015
11	St. Francis Xavier School Cuddalore O.T.	<ul style="list-style-type: none"> •Motivation programme to develop helping tendency among students 	03-09-2014
12	Arasu Sevai Illam Cuddalore	<ul style="list-style-type: none"> •Donated Utensils •Donated Wall Clocks 	04-03-2014
13	School for Disabled Children, Kaper Hills, Cuddalore	<ul style="list-style-type: none"> •Conducted games •Distributed Snacks, Sweets and Chocolates 	03-03-2014

14	Panchayat Union School, Arisiperiyankuppam Village Cuddalore District	<ul style="list-style-type: none"> •General Awareness •Computer Literacy •Spoken English •Environment Awareness •Sapling Plantation •Conducted Quiz competitions 	08-01-2014
15	St. Mary's Old Age Home, Cuddalore	<ul style="list-style-type: none"> •Entertained the old inmates with cultural events •Conducted Motivation programme to lead the life happily 	20-12-2013
16	Panchayat Union Middle School, Kuttiyankuppam, Cuddalore District	<ul style="list-style-type: none"> •General Awareness •Computer Literacy •Spoken English •Environmental Awareness •Sapling Plantation •Quiz competition 	13-11-2013
17	Hellen Kellar Home for the Visually Challenged students, Cuddalore	<ul style="list-style-type: none"> •Conducted games •Conducted quiz competitions •Plated saplings •Donated Tube Lights, Mirror. 	30-08-2013
18	Panchayat Union School, Kullanchavadi	<ul style="list-style-type: none"> •Computer Literacy Programme •Awareness on Cleanliness •Conducted sports and games 	12-02-2013
19	Home for Mentally Retarded Children, Ariyankuppam, Puducherry	<ul style="list-style-type: none"> •Conducted games and distributed gifts •Donated Washing Machine 	12-09-2012
20	Shantham Mentally and Physically Disabled School Pathirikuppam Village Cuddalore District	<ul style="list-style-type: none"> •Entertained students with cultural activities •Conducted games •Provided lunch •Donated sewing machine, pillows and notebooks 	10-08-2012
21	Panchayat Middle School, Kalaiyur, Cuddalore	<ul style="list-style-type: none"> •General Awareness •Computer literacy •Spoken English •Environment Awareness via tree plantation, conducting quiz competition etc. 	13-07-2012

22	Panchayat Union School, Palur Village and ASR Matriculation School, Uppalavadi, Cuddalore	<ul style="list-style-type: none"> • Sapling Plantation • Quiz Competitions 	09-03-2012
23	Panchayat Union School, Aathirikuppam Village, Kadampuliyur Post, Panruti,	<ul style="list-style-type: none"> • Computer Literacy Programme 	12-09-2011 to 16-09-2011

36. Give details of “beyond syllabus scholarly activities” of the department.
- **The students are oriented with special workshops on the recent software in the industry.**
 - **The students are given special training session to improve the Communication Skills to make them confident enough to be employable.**
37. State whether the programme/ department is accredited/ graded by other agencies. Give details.
NIL
38. Detail any five Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department

Strength

- **Course structure and the introduction of practical oriented subjects and electives.**
- **Department provides opportunity to go beyond the syllabus and orients the students to equip themselves with leadership skills and abilities.**
- **Staff members work as a team and ready to work beyond the working hours.**
- **Dedicated faculty and enthusiastic students work in ideal combination.**
- **Department itself organizes on-campus and off-campus placements.**

Weakness

- **Lack of Ph.D. holders among staff members. (Seven staff members are on the verge of completing Ph.D.)**
- **Number of journals available is minimum.**
- **Laboratory infrastructure is not sufficient.**
- **More clerical work reduces interest and time spent on research.**

Opportunities

- **Opportunity to use modern ICT tools in teaching - learning - evaluation.**
- **To design short term job oriented courses for students and working professionals.**
- **To provide more interdisciplinary courses.**
- **To have student exchange programmes.**

Challenges

- **Difficult to sustain the habit of extra reading among the students.**
 - **Computer Applications being a subject widening everyday it is important to be upto date.**
 - **To constantly upgrade the syllabi for a dynamic curriculum.**
 - **To equip the students with programming skills.**
39. Future plans of the department.
- **To launch a Research Journal.**
 - **To expand the usage of MOODLE for Teaching - Learning - evaluations**
 - **Introduction of Diploma Courses in *Soft Skill* and *Photoshop*.**
 - **To introduce online courses**

DEPARTMENT OF BIOCHEMISTRY

1. Name of the Department & its year of establishment :

Department of Biochemistry

Year of establishment : 1997

2. Names of Programmes / Courses offered

Sl. No.	Courses/Programmes
1.	B.Sc. Biochemistry
2.	M.Sc. Biochemistry
3.	M.Phil. Biochemistry

3. Interdisciplinary courses and departments involved:

S. No.	Subject	Semester	Departments involved
1	Allied Zoology	IV	Zoology
2	Allied Chemistry	I & II	Chemistry
3	Allied Microbiology	III	Microbiology

4. Annual/ semester/choice based credit system :

Semester pattern with choice based credit system

5. Participation of the Department in the courses offered by other Departments:

S. No.	Subject	Other Departments involved
1	Allied Biochemistry	I B.Sc. Microbiology
2	Biophysics	II B.Sc. Physics
3	Bio instrumentation	II B.Sc. Microbiology
4	First aid	II B.Sc. Maths and BA English

6. Number of teaching posts sanctioned and filled (Professors/Associate Professors/Asst. Professors)

	Sanctioned	Filled
Professors	--	--
Associate Professors	--	--
Asst. Professors	10	10

7. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt./Ph.D. / M. Phil. etc.,)

S. No.	Name	Qualification	Designation	Specialization	No. of Years of experience	No. of Ph.D. Students guided for the last 4 years
1	Dr. P. Marie Arockianathan	M.Sc., M.Phil., Ph.D., PGDHRM	Head	Nanobiotechnology, Biomaterial and clinical biochemistry	18	-
2	Mrs. S. Celine Hilda Mary	M.Sc., M.Phil.	Asst. Prof.	Toxicology , Clinical Nutrition & Phytochemistry	19	-
3	Mrs. D. Leema Rose Mary	M.Sc., M.Phil.	Asst. Prof.	Phytochemistry clinical biochemistry	15	-
4	Mr. A. Lawrence	M.Sc., M.Phil.	Asst. Prof.	Toxicology & clinical biochemistry	13	-
5	Mr. J. John Robert	M.Sc., M.Phil.	Asst. Prof.	Toxicology, Pharmacology	7	-
6	Ms. R. Anitha	M.Sc., M.Phil., B.Ed.,	Asst. Prof.	Toxicology	3	-
7	Mrs. S. Seetha Lakshmi	M.Sc., M.Phil.	Asst. Prof.	Biomaterial	3	-
8	Dr. K. Shagirtha	M.Sc., M.Phil., Ph.D.	Asst. Prof.	Toxicology	2	-
9	Dr. S. Silvan	M.Sc., M.Phil., Ph.D.	Asst. Prof.	Cancer Biology, Toxicology & Free radical research	3	-
10	Dr. R. Rama Krishnan	M.Sc., M.Phil., Ph.D.	Asst. Prof.	Clinical Biochemistry, toxicology & Phytochemistry.	10	-

8. Percentage of classes taken by temporary faculty – programme-wise information:
Nil

9. Programme-wise Student Teacher Ratio:

Programme	Student Teacher Ratio
B.Sc. Biochemistry	25:1
M.Sc. Biochemistry	4:1
M.Phil. Biochemistry	2:1

10. Number of academic support staff (technical) and administrative staff: sanctioned and filled:

Technical staff : 2
Administrative staff : Nil

11. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Mention names of funding agencies and grants received project-wise:

Nil

12. Departmental projects funded by DST-FIST; DBT, ICSSR, etc.; total grants received:

Nil

13. Research facility / centre with

- state recognition - **Nil**
- national recognition - **Nil**
- international recognition - **Nil**

14. Publications:

* Number of papers published in peer reviewed journals (National / International) - **41**

S. No.	Staff Name	National	International
1	Dr. P. Marie Arockianathan	1	4
2	Mrs. S. Celine Hilda Mary	-	2
3	Mrs. D. Leema Rose Mary	-	1
4	Mr. A. Lawrence	-	1
5	Dr. K. Shagirtha	3	11
6	Dr. S. Silvan	-	15
7	Dr. R. Ramakrishnan	-	3

* Monographs : **Nil**

* Chapter(s) in Books

S. No.	Staff Name	Title of the book	Year	Name of the publisher & place	ISBN-No
1	Dr. S. Silvan	Oral cancer: An avoidable and preventable cancer	2012	Rasi Printers Pvt Ltd Chidambaram	978-93-5087-438-7
2	Mrs. S. Celine Hilda Mary	Environmental Studies	2013	Vijay Nicole imprints private limited. Chennai.	978-81-8209-343-0
3	Mrs. D. Leema Rose Mary	Environmental Studies	2013	Vijay Nicole imprints private limited. Chennai.	978-81-8209-343-0
4	Mr. A. Lawrence	Environmental Studies	2013	Vijay Nicole imprints private limited. Chennai.	978-81-8209-343-0
5	Mr. J. John Robert	Environmental Studies	2013	Vijay Nicole imprints private limited. Chennai.	978-81-8209-343-0

* Editing Books

Sl. No.	Staff name	Title of the Book	Name of the publisher and Place	Year	ISBN
1	Dr. P. Marie Arockianathan	Environmental Studies	Vijay Nicole Imprints Pvt. Ltd., Chennai	2015	978-81-8209-343-0

* Books with ISBN numbers with details of publishers

LIST OF BOOKS PUBLISHED BY THE FACULTY MEMBERS

Sl. No.	Staff name	Title of the Book	Name of the publisher and Place	Year	ISBN
1	Dr. P. Marie Arockianathan	Objective Biochemistry	Veenus Publications, Cuddalore	2011	978-93-8037218-1

* Number listed in International Database (For *e.g.* Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.) - **Nil**

* Citation Index - range / average - **Nil**

* SNIP

Range	0.314 - 1.49
Average	0.9712

* SJR

Range	0.302 - 1.747
Average	0.91856

* Impact factor – range / average

Range	0.83 - 3.13
Average	1.907083

S. No.	Staff Name	Average
1	Dr. P. Marie Arockianathan	1.36
2	Dr. K. Shagirtha	1.4
3	Dr. S. Silvan	2.19
4	Dr. R. Ramakrishnan	0.36

* h-index

S. No.	Staff Name	H-index
1	Dr. P. Marie Arockianathan	3
2	Dr. K. Shagirtha	10
3	Dr. S. Silvan	9

15. Details of patents and income generated
Nil

16. Areas of consultancy and income generated:
Nil

17. Faculty recharging strategies:

- **Workshops / Seminars are organized to enrich the members of the staff of the department.**

Sl. No.	Seminar / Workshop	Date	Resource Persons
1	Seminar on Biochemistry in Health & Environment	09-03-2013	<p>Dr. M. Patrick Gomez Director of Research School of Biotechnology & Health Sciences, Karunya University Coimbatore.</p> <p>Dr. K. Srikumar Professor & Head Dept. of Biochemistry & Molecular Biology Pondicherry University, Puducherry</p> <p>Dr. R. Anandhan Senior Scientist Biochemistry & Nutrition Division Centre for Fisheries Technology Cochin, Kerala</p> <p>Dr. Arunkumar Dhayalan Dept. of Biotechnology Pondicherry University Puducherry.</p> <p>Dr. S. Vincent Dean of Research Loyola College (Autonomous) Chennai.</p>
2	National workshop on Statistical Methods In Biological Research	24-02-2016	<p>Dr. A. John William Felix Reader cum Statistician Raja Muthaiah Medical College, Annamalai University, Chidambaram.</p>

- **The members of the staff are encouraged to participate / present papers in the Seminars / Conferences / Staff Development Programme organised by other institutions.**

Papers Presented		Staff Development Programme / Training		Seminar Attended		Workshop Attended	
Inter-national	National	Within the College	Outside the College	Inter-national	National	Inter-national	National
3	13	-	2	8	52	-	9

18. Student projects

- percentage of students who have done in-house projects including inter-departmental
- percentage of students doing projects in collaboration with industries / institutes

S. No.	Course	Year	Percentage of projects
1.	M.Sc.	2012-2015	100%
2.	M.Phil.	2013-2015	100%

19. Awards / recognitions received at the national and international level by

- Faculty
- Doctoral / post doctoral fellows
- Students

Faculty

- **Dr. P. Marie Arockianathan**
 - Reviewer in
 - International Journal of nanotechnology - Dove press
 - Food hydrocolloids – Elsevier
 - Member, Board of Studies in Biochemistry, Thiruvalluvar University, Vellore
 - External subject expert in Board of Studies, St. Joseph’s College (Autonomous), Trichy.

Students

S. No.	Name	Title	Venue & Date	Achievement
1.	R. Sukirtha (2010-2012)	International conference on gene therapy and phytotherapy in modern medicine	Adhiparasakthi College of Arts and Science, Chennai (04.01.2011)	I Prize in Poster Presentation
2	S. Dhivya & A. Chitra (2014-2016)	National seminar on metagenomics	Department of Microbiology, St. Joseph’s College of Arts & Science (27.07.2015)	I Prize in Poster Presentation
3.	S. Bharanidevi & K. Raja lakshmi (2014-2016)	National seminar on Metagenomics	Department of Microbiology, St. Joseph’s College of Arts & Science (27.07.2015)	I Prize in Quiz Competition

20. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.

Sl. No.	Seminar / Workshop	Date	Funding	Outstanding Participant(s)
1	Seminar on Biochemistry in Health & Environment	09-03-2013	Internal	<p>Dr. M. Patrick Gomez Director of Research School of Biotechnology & Health Sciences, Karunya University Coimbatore.</p> <p>Dr. K. Srikumar Professor & Head Dept. of Biochemistry & Molecular Biology Pondicherry University, Puducherry</p> <p>Dr. R. Anandhan Senior Scientist Biochemistry & Nutrition Division Centre for Fisheries Technology Cochin, Kerala</p> <p>Dr. Arunkumar Dhayalan Dept. of Biotechnology Pondicherry University Puducherry.</p> <p>Dr. S. Vincent Dean of Research Loyola College (Autonomous) Chennai.</p>
2	National workshop on Statistical Methods In Biological Research	24-02-2016	Internal	<p>Dr. A. John William Felix Reader cum Statistician Raja Muthaiah Medical College, Annamalai University, Chidambaram.</p>

21. Student profile course-wise:

YEAR – (2011-2012)

Name of the course (refer question No.2)	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
B.Sc. Biochemistry	30	9	18	100	100
M.Sc. Biochemistry	26	5	21	80.0	95.2

YEAR (2012-2013)

Name of the course (refer question No.2)	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
B.Sc. Biochemistry	24	9	12	33.0	75.0
M.Sc. Biochemistry	23	9	14	55.5	78.5
M.Phil. Biochemistry	10	4	6	100	100

YEAR (2013-2014)

Name of the course (refer question No.2)	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
B.Sc. Biochemistry	31	7	20	71.4	95.0
M.Sc. Biochemistry	26	9	17	77.7	88.2
M.Phil. Biochemistry	5	0	5	0	100

YEAR (2014-2015)

Name of the course (refer question No.2)	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
B.Sc. Biochemistry	54	26	25	15.4	88.0
M.Sc. Biochemistry	12	1	11	100	100
M.Phil. Biochemistry	3	1	2	100	100

22. Diversity of students

YEAR (2011-2012)

Name of course (refer question no.2)	% of students from the college	% of students from the state	% of students from other states	% of students from other countries
B.Sc. Biochemistry	-	17.40%	82.60%	-
M.Sc. Biochemistry	88.46%	19.23%	80.77%	-

YEAR (2012-2013)

Name of course (refer question no.2)	% of students from the college	% of students from the state	% of students from other states	% of students from other countries
B.Sc. Biochemistry	52%	3.84%	96.16%	-
M.Sc. Biochemistry	100%	19.23%	80.77%	-
M.Phil. Biochemistry	50%	30%	70%	-

YEAR (2013-2014)

Name of course (refer question no.2)	% of students from the college	% of students from the state	% of students from other states	% of students from other countries
B.Sc. Biochemistry	53%	5.66%	94.34%	-
M.Sc. Biochemistry	46.15%	33.33%	66.67%	-
M.Phil. Biochemistry	25%	-	100%	-

YEAR (2014-2015)

Name of course (refer question no.2)	% of students from the college	% of students from the state	% of students from other states	% of students from other countries
B.Sc. Biochemistry	92%	3.2%	96.74%	-
M.Sc. Biochemistry	73.07%	21.05%	78.95%	-
M.Phil. Biochemistry	15%	-	100%	-

YEAR (2015-2016)

Name of course (refer question no.2)	% of students from the college	% of students from the state	% of students from other states	% of students from other countries
B.Sc. Biochemistry	100%	8%	92%	-
M.Sc. Biochemistry	26.92%	14.28%	85.72%	-
M.Phil. Biochemistry	10%	50%	50%	-

23. How many students have cleared Civil Services, Defense Services, NET, SLET, GATE and any other competitive examinations? **10**

S. No.	Name	Course	Year of study	Examination
1	Mr. Velu	B.Sc.	2002-2005	Group II
2	Mr. Balaji	B.Sc.	1999-2002	Group II
3	Mr. Santha kumar	B.Sc.	2001-2004	Group II
4	Mr. M. Vasantha selvam	B.Sc.	2002-2005	Group II
5	Mr. Johnson	B.Sc.	1998-2001	Group IV
6	Mr. Thamizharasan	B.Sc.	2002-2005	Group II
7	Mr. Manimaran	B.Sc.	1999-2002	Group II
8	Mr. V. Keerthi Kasbar	B.Sc.	2004-2007	Naval Officer
9.	Ms. Shankari	B.Sc.	2006-2009	Group II
10.	Mr. Suba sharbsri Selvan	B.Sc.	2005-2008	LDC Exam

24. Student progression

Student progression	Percentage against enrolled
UG to PG	53.4%
PG to M.Phil.	63.6%
PG to Ph.D.	-
Ph.D. to Post-Doctoral	-
Employed <ul style="list-style-type: none"> • Campus selection • Other than campus recruitment 	50%
Entrepreneurs	-

25. Diversity of staff

Percentage of faculty who are graduates of	
The same parent university	2
From other universities within the state	8
From other universities from other states	Nil

26. Number of faculty who were awarded Ph.D., D.Sc. and D.Litt. during the assessment period : **2**
27. Present details about infrastructural facilities
- a) Library : No. of books in the department : **40**
 - b) Internet facilities for staff and students : **Nil**
 - c) Total number of class rooms : **6**
 - d) Class rooms with ICT facility : **Nil**
 - e) Student laboratories : **2**
 - f) Research laboratories : **1**
28. Number of students of the department getting financial assistance from College. :

S. No.	Year	No. of Students	Amount
1	2011 – 2012	19	21,000
2	2012 – 2013	5	12,775
3	2013 – 2014	7	24,375
4	2014 – 2015	8	16,385
5	2015 - 2016	9	28,176

29. Was any need assessment exercise undertaken before the development of new program(s)? If so, give the methodology. **Nil**
30. Does the department obtain feedback from
- a. Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize it?
Series of staff meeting to discuss both curriculum and evaluation methods and implementing it after approval from BOS and academic council.
 - b. students on staff, curriculum as well as teaching-learning-evaluation and what is the response of the department to the same?
Open forum meeting to discuss their grievance and if their grievance is genuine necessary steps will be taken.
 - c. alumni and employers on the programmes and what is the response of the department to the same?
Through IQAC of the college the feedback is collected.

31. List the distinguished alumni of the department (maximum 10)

Alumni of the Department

S. No.	Names	Designation
1	Dr. Arunkumar	Asst. Professor, Pondicherry University, Puducherry.
2	Dr. Jayamoorthy	Scientist, Regional Research Institute, Trivandrum.
3	Dr. G. Chandramohan	Asst. Prof., King Saud University, Saudi Arabia
4	Mr. Balasundram	Health Inspector, Puducherry.
4	Dr. Douloth Nisha	Scientist, Mahatma Gandhi Medical College and Research Institute, Puducherry.
5	Dr. C. Anbuselvam	Asst. Prof., Manakula Vinayagar Medical College, Puducherry
6	Dr. Naveen Prabakaran	Associate Professor, Jipeng University, China
7	Dr. R. Madhusudhan	PDF, University of Michigan, USA
8	Mr. S. Srinivasan	Senior Research Scientist, Jubilant Biosys Ltd., Bangalore
9	Mr. J. Saravanan	Senior Scientist, Biocon, Bangalore
10	Mr. Suresh Babu	Revenue Dept., Puducherry

32. Give details of student enrichment programmes (special lectures / workshops / seminar) with external experts.

In a move to bring out the inherent talents of the students and to suffice the quest for their knowledge many special lectures were conducted by the department

S. No.	Date & Year	Resource Person	Topic
1	25.07.2011	Dr. S. Ravichandran CAS in Marine Biology, Annamalai University, Porto Novo.	Marine pollution and its ill effects
2	13.09.2011	Dr. P. V. Krishna kishore , Krishna Hospital, Cuddalore.	Diabetes and its management
3	16.07.2012	Dr. R. Sridharan M.D.(Siddha) Head, Siddha Unit, G.H., Puducherry.	Herbs and its uses in day to day life
4	01.10.2013	Dr. K. Anbu kumaresan DHMS., M.D. (Homeo).	Recent approaches in alternative medicine

5	30.07.2014	Dr. R. Dhamodharan Post Doctoral Fellow Aix Marshelle University France	Human Gut Microbiome & Phylogenomics
6	03.07.2015	Mr. P. Thirumurugan, Principal, Mother Theresa Post Graduate & Research Institute of Health Sciences, Puducherry	Nutrigenomics

SEMINAR ORGANIZED

S. No.	Seminar on	Date	Level	No. of participants	Funding
1.	Seminar on Biochemistry in Health & Environment	9 th March 2013	National	200	Internal

WORKSHOP ORGANISED

S. No.	Workshop on	Date
1.	Workshop on “ Research methodology”	4 th - 9 th February 2013
2.	Workshop on “ Research methodology”	3 rd -7 th March 2014
3.	National workshop on “statistical methods in biological research	24 th February – 2016

33. List the teaching methods adopted by the faculty for different programmes:

OHP, LCD, Chalk & talk

34. How does the department ensure that programme objectives are constantly met and learning outcomes monitored?

- **Periodical tests/assignments**
- **Summer training/implant training**
- **Oral Feedback**
- **Open forum**
- **Placement and higher studies progression**

35. Highlight the participation of students and faculty in extension activities.

EXTENSION ACTIVITY

S. No.	Date	Activity	Place	Number of Students	Staff Members
1	10.02.2012	Blood grouping camp for freshers	UG Biochemistry lab, St. Joseph's College of Arts & Science, Cuddalore	Final year UG students	5
2	19.01.2013	Awareness on De-addiction	Government Higher Secondary School, V. Kattupalayam, Cuddalore.	Final year PG students	3
3	23.01.2013	Awareness on De-addiction	Government Higher Secondary School, Poondiyanuppam, Cuddalore	Final year PG students	4
4	09.09.2014	Awareness on Breast and Uterus Cancer	Kodukanpalayam Village, Cuddalore District.	Final year PG students	3
5	19.09.2014	Awareness on Breast and Uterus Cancer	Keerapalayam Village, Cuddalore District.	Final year PG students	2
6	27.08.2015	Blood grouping camp and BP checkup	Suthukulam Village, Cuddalore	Final year UG students	2
7	30.09.2015	Thyroid screening camp	PG Biochemistry Lab, St. Joseph College of Arts & Science, Cuddalore.	Final year PG students	4
8	27.01.2016	Blood grouping camp and Blood screening camp	Panchayan Kuppam Village, Cuddalore District.	Final year PG students	2
9	04.03.2016	Awareness Programme on liver and kidney disorders	Marudhadu Village, Cuddalore District.	Final year UG students	2

CHARITY WORK

Year	Contributor	Place	Amount	Beneficiary
2013	Staff and students	Missionaries of Charity, Puducherry.	Rs.5000/-	Mentally challenged children
2014	Staff and students	Guanella illam Cuddalore.	Rs.6000/-	Orphanage boys home
2015	Staff Members	Guanella illam Cuddalore.	Rs.5000/-	Specially skilled children
2016	Final year UG students	Govt. Primary School, Marudhadu Village, Cuddalore District	Rs 1000 Worth stationery	Poor children

36. Give details of "beyond syllabus scholarly activities" of the department:

Magazine, poster presentation, Guest lectures, industrial visit, seminar/conference and paper presentation

37. State whether the programme/ department is accredited/ graded by other agencies. Give details. **Nil**
38. Detail any five Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department:

Strength

- Good infrastructure and ICT tools.
- Committed staff members with good values.
- Good cooperation between staff and students.
- Imparting value based education along with our curriculum.
- Actively involved in various extracurricular activities.

Weakness

- Time to do research is too little.
- Most of our students are weak in language skills and not receptive. So it is difficult to reach our goals and efforts are taken to improve the language skills.
- Lack of smart classrooms.

Opportunities

- Workshops/seminars can be conducted.
- Summer training/inplant training.
- Industrial visit/field visit.
- To attend national/international seminars, conferences, workshops etc.
- Inter-departmental competitions.
- Good atmosphere with value based education to mould their character.

Challenges

- To build a quality research team in our department.
- Innovation in curriculum to equip the students to meet the demand of industry and society.
- Mobilization of funds to carry out research and extension activities.
- Effort to motivate the students, especially male students, to be more receptive and dedicated to studies.

39. Future plans of the department:
- To start Ph.D. programme in Biochemistry.
 - To introduce job oriented certificate / diploma courses.
 - To publish more quality research papers.

DEPARTMENT OF MICROBIOLOGY

- Name of the Department & its year of establishment
PG AND RESEARCH DEPARTMENT OF MICROBIOLOGY
Year of Establishment - 1997

B.Sc. Microbiology (Shift I) - 1997
B.Sc. Microbiology (Shift II) - 1998
M.Sc. Applied Microbiology - 2010
M.Phil. Microbiology - 2012

- Names of Programmes /Courses offered
B.Sc. Microbiology (Shift I & II)
M.Sc. Applied Microbiology
M.Phil. Microbiology
- Interdisciplinary courses and departments involved

Course	Subject	Department Involved
B.Sc. Microbiology	Value Education	Psychology
B.Sc. Microbiology	Personality Development	Psychology
B.Sc. Microbiology	Allied Biochemistry	Biochemistry
B.Sc. Microbiology	Solid waste management	Zoology
B.Sc. Microbiology	Classical genetics	Zoology
B.Sc. Microbiology	Environmental Science	Zoology
M.Sc. Applied Microbiology	Biostatistics	Statistics
M.Sc. Applied Microbiology	Human Rights	History

- Annual/ semester/choice based credit system
Semester pattern with Choice based credit system
- Participation of the department in the courses offered by other departments
Principles of Microbiology for II B.Sc. Biochemistry.
Food Processing Technology for II B.Sc. Chemistry.

6. Number of teaching posts sanctioned and filled (Professors/Associate Professors/ Asst. Professors)

	Sanctioned	Filled
Professors	--	--
Associate Professors	--	--
Asst. Professors	9	9

7. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.,)

Sl. No.	Name	Qualification	Designation	Specialization	No. of Years of experience	No. of Ph.D. Students guided for the last 4 years
1	Dr. S. Joseph Christian Daniel	M.Sc., M.Phil., Ph.D.	Asst. Professor	Infectious diseases surveillance, Antimicrobial resistance, Biodegradation	20	-
2	Mr. P. John Thomas	M.Sc., M.Phil.	Asst. Professor	Applied Microbiology, Medical Microbiology	13	-
3	Mrs. P. Poonguzhali	M.Sc., M.Phil.	Asst. Professor	Soil and Agricultural Microbiology	9	-
4	Dr. J. Jaya Prakash	M.Sc., Ph.D.	Asst. Professor	Immunology, Microbiology of Industrial Effluent	3	-
5	Dr. M. Parimala Celia	M.Sc., M. Phil, Ph.D.	Asst. Professor	Marine Microbiology, Medicinal Plants	12	-
6	Dr. D. John Milton	M.Sc., Ph.D.	Asst. Professor	Agricultural Microbiology and Environmental Microbiology	1	-
7	Dr. D. Sumitha	M.Sc., M.Phil., Ph.D.	Asst. Professor	Probiotics, Food borne pathogens	1	-
8	Mr. R. Krishnan	M.Sc., M. Phil., M.Tech.	Asst. Professor	Halophilic bacteria, Clinical bacteriology, Bioinformatics	9	-
9	Dr. S. Megala	M.Sc., Ph.D.	Asst. Professor	Agricultural Microbiology and Environmental Microbiology	1	-

8. Percentage of classes taken by temporary faculty – programme-wise information
- Nil -
9. Programme-wise Student Teacher Ratio
B. Sc. - 50 : 1
M. Sc. - 7 : 1
M.Phil. - 2 : 1
10. Number of academic support staff (technical) and administrative staff: sanctioned and filled
Technical Staff - 2
Administrative Staff - Nil
11. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Mention names of funding agencies and grants received project-wise.
- Nil -
12. Departmental projects funded by DST-FIST; DBT, ICSSR, etc.; total grants received
- Nil -
13. Research facility / centre with
 ○ state recognition
 ○ national recognition
 ○ international recognition
- Nil -
14. Publications:
 * number of papers published in peer reviewed journals (national / international) - **16**

Sl. No.	Faculty	Numbers
1	Dr. Joseph Christian Daniel	4
2	Mr. P. John Thomas	1
3	Mrs. P. Poonguzhali	1
4	Dr. J. Jayaprakash	4
5	Dr. M. Parimala celia	2
6	Dr. D. John Milton	1
7	Dr. D. Sumitha	2
8	Mr. R. Krishnan	1

* Monographs: **- Nil -**

* Chapter(s) in Books:

Sl. No.	Staff name	Title of the Book	Name of the publisher and Place	Year	ISBN
1	Mr. P. John Thomas	Environmental Studies	Vijay Nicole Imprints Pvt. Ltd., Chennai	2015	978-81-8209-343-0

* Editing Books:

Sl. No.	Staff name	Title of the Book	Name of the publisher and Place	Year	ISBN
1	Dr. S. Joseph Christian Daniel	Environmental Studies	Vijay Nicole Imprints Pvt. Ltd., Chennai	2015	978-81-8209-343-0

* Books with ISBN numbers with details of publishers: **- Nil -**

* Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)

- 1-

* Citation Index - range / average

S. No.	Name of Staff	No. of Citations
1	Dr. Joseph Christian Daniel	1

* SNIP

Range	1.38
Average	1.38

* SJR

Range	0.962
Average	0.962

* Impact factor – range / average

Range	1.23 - 5.2
Average	2.03525

* h-index

Sl. No.	Name of the Staff	h-Index
1	Dr. S. Joseph Christian Daniel	1

15. Details of patents and income generated

- Nil -

16. Areas of consultancy and income generated

- Nil -

17. Faculty recharging strategies

- **Workshops / Seminars are organized to enrich the members of the staff of the department.**

Sl. No.	Seminars/ Conferences/Workshops	Date	Outstanding Participants
1	Seminar on Bacteria for better health – Probiotics Under Popularization of Science Activities of TNSCST	09.01.2013	Dr. N. Ramanathan Professor and Head, Department of Microbiology, Annamalai University, Chidambaram
2	National Seminar on Metagenomics Under Popularization of Science Activities of TNSCST	27.07.2015	Dr. V. S. Saravanan Dept. of Microbiology Indira Gandhi College of Arts & Science, Puducherry
3	National Workshop on Curriculum Designing in Microbiology (NAWO CDM-2016)	18.02.2016 & 19.02.2016	Dr. K. K. Anil Kumar Associate Professor & Head, Dept. of Microbiology St. Pius X College, Kasaragod, Kerala. Dr. A. Michael Associate Professor & Head, Dept. of Microbiology PSG College of Arts & Science (Autonomous), Coimbatore. Dr. K. Sundar Professor & Head, Dept. of Biotechnology Kalasalingam University, Virudhunagar. Dr. S. Ponmariappan Scientist-D, Biotechnology Division DRDE-DRDO, Gwalior. Mr. J. Sujakaran Manager - QA Compliance Training, Hospira / Pfizer, Chennai. Dr. Joseph Selvin Coordinator, Department of Microbiology Pondicherry University, Puducherry.

4	National Level students Seminar on Recent Trends in Biological Research	20.02.2016	<p>Dr. S. Ponmariappan Scientist-D, Biotechnology Division DRDE-DRDO, Gwalior.</p> <p>Dr. I. Geetha Technical Assistant Unit of Microbiology & Immunology Vector Control Research Centre (ICMR) Puducherry.</p> <p>Dr. S. Joseph Christian Daniel Head, Dept. of Microbiology St. Joseph's College of Arts & Science (Autonomous), Cuddalore.</p>
---	---	------------	--

- Faculty are encouraged to attend seminars, conferences and Workshops. Following is the details of seminars, conferences and Workshops attended by the faculty in the 3rd cycle.

Papers Presented		Staff Development Programme / Training		Seminar Attended		Workshop Attended	
Inter-national	National	Within the College	Outside the College	Inter-national	National	Inter-national	National
5	9	2	1	4	18	-	13

18. Student projects

- percentage of students who have done in-house projects including inter-departmental

All the student projects have been done as in house projects (100%)

- percentage of students doing projects in collaboration with industries / institutes

- Nil -

19. Awards / recognitions received at the national and international level by

- Faculty:

Dr. S. Joseph Christian Daniel, Head of the Department is the Executive Committee member of Indian Association of Applied Microbiologists.

- Doctoral / post doctoral fellows :

- Nil -

- Students :

P. Partha Sarathy, III UG Microbiology, Shift I (2013-16) has secured third place in the 53kg weight class at the Sub Junior State Power lifting championships held at Udumalaipettai from 25.4.15 to 26.4.15 organized by Tamil Nadu Power Lifting Association.

20. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.

Sl. No.	Seminars/ Conferences/Workshops	Date	Source of funding	Outstanding Participants
1	Seminar on Bacteria for better health – Probiotics Under Popularization of Science Activities of TNSCST	09.01.2013	Tamil Nadu State Council for Science and Technology, Chennai and National Council for Science and Technology Communication, New Delhi	Dr. N. Ramanathan Professor and Head, Department of Microbiology, Annamalai University, Chidambaram
2	National Seminar on Metagenomics Under Popularization of Science Activities of TNSCST	27.07.2015	Tamil Nadu State Council for Science and Technology, Chennai and National Council for Science and Technology Communication, New Delhi	Dr. V. S. Saravanan Dept. of Microbiology Indira Gandhi College of Arts & Science, Puducherry
3	National Workshop on Curriculum Designing in Microbiology (NAWO CDM-2016)	18.02.2016 & 19.02.2016	Internal	Dr. K. K. Anil Kumar Associate Professor & Head, Dept. of Microbiology St. Pius X College, Kasaragod, Kerala. Dr. A. Michael Associate Professor & Head, Dept. of Microbiology PSG College of Arts & Science (Autonomous), Coimbatore. Dr. K. Sundar Professor & Head Dept. of Biotechnology Kalasalingam University Virudhunagar. Dr. S. Ponmariappan Scientist-D Biotechnology Division DRDE-DRDO Gwalior. Mr. J. Sujakaran Manager - QA Compliance Training, Hospira / Pfizer, Chennai. Dr. Joseph Selvin

				Coordinator, Department of Microbiology Pondicherry University, Puducherry.
4	National Level students Seminar on Recent Trends in Biological Research	20.02.2016	Internal	Dr. S. Ponmariappan Scientist-D Biotechnology Division DRDE-DRDO Gwalior. Dr. I. Geetha Technical Assistant Unit of Microbiology & Immunology Vector Control Research Centre (ICMR) Puducherry. Dr. S. Joseph Christian Daniel Head, Dept. of Microbiology St. Joseph's College of Arts & Science (Autonomous), Cuddalore.

21. Student profile course-wise:

Name of the Course	Year	Applications Received	Selected		Pass percentage	
			Male	Female	Male	Female
B.Sc. Microbiology	2011-14	53	14	39	4/14 (29%)	27/39 (69%)
B.Sc. Microbiology	2012-15	55	16	39	6/16 (38%)	26/39 (67%)
B.Sc. Microbiology	2013-16	68	18	50	4/18 (22%)	36/50 (72%)
B.Sc. Microbiology	2014-17	93	21	72	7/21 (33%)	39/72 (54%)
B.Sc. Microbiology	2015-18	105	33	69	8/31 (24%)	38/69 (55%)
M.Sc. App. Microbiology	2011-13	21	4	17	77.78%	
M.Sc. App. Microbiology	2012-14	16	1	14	80%	
M.Sc. App. Microbiology	2013-15	18	3	15	77.78%	
M.Sc. App. Microbiology	2014-16	11	2	8	30%	
M.Sc. App. Microbiology	2015-17	17	1	16	56.25%	
M.Phil. Microbiology	2013-14	1	-	1	-	100%
M.Phil. Microbiology	2014-15	2	-	2	-	100%
M.Phil. Microbiology	2015-16	2	-	2	-	100%

22. Diversity of Students

S. No.	Name of the course	% students from the college	% students from the state	% of students from other states	% of students from other countries
1.	M.Sc: 2011-2013	22.2%	77.8%	-	-
	2012-2014	80%	20%	-	-
	2013-2015	55.6%	44.4%	-	-
	2014-2016	9.1%	90.9%	-	-
	2015-2017	52.9%	35.3%	11.8%	-
2.	M.Phil: 2013-2014	100%	-	-	-
	2014-2015	50%	50%	-	-
	2015-2016	50%	50%	-	-

23. How many students have cleared Civil Services, Defense Services, NET, SLET, GATE and any other competitive examinations?

- Nil -

24. Student progression

S. No.	Student Progression	% Against Enrolled
1.	UG to PG	
1	2008 - 2011	42 %
2	2009 - 2012	76 %
3	2010 - 2013	53 %
4	2011 - 2014	34 %
5	2012 - 2015	62 %
2.	PG To M.Phil	13.3%
3.	PG to Ph.D	2.1 %
4.	Employed	
	• Campus selection	NIL
	• Other than campus recruitment	38 %
	• Entrepreneurs	1 %

25. Diversity of staff

S. No.	Percentage of faculty who are graduates of	Percentage (%)
1.	the same parent University	Nil
2.	From other Universities within the state	100 %
3.	From other Universities from other States	Nil

26. Number of faculty who were awarded Ph.D., D.Sc. and D.Litt. during the assessment period : 3

S. No.	Name of Faculty	Year
1	Dr. S. Joseph Christian Daniel	2014
2	Dr. M. Parimala Celia	2014
3	Dr. D. Sumitha	2015

27. Present details about infrastructural facilities

a) Library

S. No.	Library Availability	Books	eBooks
1.	Department library	43	56

b) Internet facilities for staff and students: Nil

c) Total numbers of class rooms: 6

d) Class rooms with ICT Facility: Nil

e) Students Laboratory

Under Graduates Lab: 1

Post Graduates Lab: 1

f) Research laboratory: 1

28. Number of students of the department getting financial assistance from College

S. No.	Year	No. of Students	Amount
1	2011 – 2012	11	21,950
2	2012 – 2013	12	50,987
3	2013 – 2014	15	68,438
4	2014 – 2015	6	23,425
5	2015 - 2016	22	70,300

29. Was any need assessment exercise undertaken before the development of new program(s)? If so, give the methodology.

Yes. A survey was conducted among the PG students to find out those who are interested in joining M.Phil. programme.

30. Does the department obtain feedback from

a. Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize it?

Yes. Through IQAC feedback was obtained, the report was discussed and the outcome was used for modifying the curriculum

b. Students on staff, curriculum as well as teaching-learning-evaluation and what is the response of the department to the same?

Yes. Through IQAC feedback was obtained, report was discussed in department staff meeting and noted for further improvement.

c. Alumni and employers on the programmes and what is the response of the department to the same?

Yes. Through IQAC feedback was obtained, report was discussed in department staff meeting and noted for further improvement.

31. List the distinguished alumni of the department (maximum 10)

Sl. No.	Name	Year of study	Present position
1.	Dr. Subash Kumar	Head, Dept. of Biotechnology	Kongu Nadu Arts & Science College. Coimbatore.
2.	Dr. Arularasi Abarna	Assistant Professor in Microbiology	Raja Muthaiya Medical College & Hospital, Annamalai Nagar. Chidambaram.
3.	Mr. J. Jayarajan	Head, Dept. of Microbiology	Divine Mother College. Korkadu. Puducherry.
4.	Dr. Harish	Assistant Professor, Dept. of Biotechnology	Dept. of Biotechnology, Thiruvalluvar University, Serkadu, Vellore.

5.	Mr. Pradeep Raj	Assistant Registrar, Research Coordinator	Thiruvalluvar University, Serkadu, Vellore.
6.	Dr. Isaac Kirubakaran	Senior Scientist	Environmental Medicine, USA
7.	Dr. Santosh Krishna Subramanian	Senior Scientist	Chronic Inflammatory Diseases. Sanofi Aventis GmbH, Frankfurt am Mai Germany.
8.	Dr. Anoop B.Sc. Microbiology (2003-2006)	Post Doctoral Fellow	Department of Internal Medicine, University of Michigan USA
9.	Mr. Balmurugan	Quality Control Manager	Pepsi Co India Holding s Ltd. Wise park, Industrial Development Area, Kanjikode East Coast, Pallakad division, Kerala.
10.	Mr. Joe Paul Kalath	Quality Control Officer	Steril-Gene Life Sciences (p) Ltd
11.	Mr. Arumugam	Senior Food Control Manager	Abudhabi Super Market
12.	Mr. Prathaban	Entrepreneur	Bio5 Innovations, Coimbatore.
13.	Mr. Satish Kumar	Assistant Professor in Microbiology	Indhira Gandhi Arts & Science College. Puducherry.
14.	S. Jaganraj B.Sc. Microbiology (2004-2007)	Quality Control In-charge	Basweshwar Industry Bijapur, Karnataka.

32. Give details of student enrichment programmes (special lectures / workshops / seminar) with external experts.

List of Guest Lectures organized in the Department

S. No.	Date	Resource person	Topic
1.	29.07.2011	Mr. Senthil Kumar Microbiologist, Govt. Medical College, Chengalpet.	Clinical Microbiological Procedures
2.	14.07.2012	Mrs. M. Lydia Rajakumari Asst. Professor and Head Indira Gandhi College of Arts and Science, Puducherry	Bacterial pathogens
3.	01.10.2013	Dr. A. Balamurugan In charge – Microbiology Division, Shausun Pharmaceuticals, Cuddalore.	Formulation of sterile products

4.	04.08.2014	Dr. P. Basker, Senior Entomologist, Department of Public Health & Preventive Medicine, Zonal Entomological Team, Cuddalore	Control of Vectorborne Diseases
5.	12.12.2014	Dr. K. Sivasubramani Assistant Professor Department of Marine Microbiology Annamalai University, Chidambaram	Metagenomics
6.	24.02.2015	Dr. G. Balasubramaniyan Senior Officer Biofertilizer Production Unit, Cuddalore	Microbiology in Agriculture
7.	08.07.2015	Dr. S. Anthoni Raj Director R&D Rom Vijay Biotechnology Pvt. Ltd. Puducherry	Microbial products as Biofertilizers using bacteria and fungi
8.	09.02.2016	Dr. H. Prathap Kumar Shetty Associate Professor Dept. of Food Science and Technology, Pondicherry University	Micro-flora from Fermented foods as a rich-biosource for Technological Applications
9.	29.03.2016	Dr. Dhanasekaran, Assistant Professor, Dept. of Botany and Microbiology Bharathidasan University, Trichy	Probiotics

List of Seminar Workshop organized by Department

S. No.	Title of the Seminar/ Workshop	Date
1.	Students seminar on “Microbial Technology & Applications”	10.12.2013
2.	Students seminar on “Current Trends in Biology”	18.02.2014
3.	Student seminar on Recent trends in Microbiology	15.09.2015
4.	National level student seminar on Recent trends in biological research	20.02.2016

33. List the teaching methods adopted by the faculty for different programmes
- B. Sc.: Chalk and talk, Power point presentations and use of OHP sheets.**
- M. Sc.: Chalk and talk, Power point presentations and use of OHP sheets.**
- M. Phil.: Power point presentations, Discussion on Research Paper.**

34. How does the department ensure that programme objectives are constantly met and learning outcomes monitored?

Through feedback from students and alumni.

35. Highlight the participation of students and faculty in extension activities.

Every year the students of the department carry out extension activities under the leadership of the staff coordinators.

36. Give details of “beyond syllabus scholarly activities” of the department.

- **Attending Seminars and Workshops**
- **Displaying information to create awareness.**

37. State whether the programme/ department is accredited/ graded by other agencies. Give details.

- No -

38. Detail any five Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department

Strengths:

- 100% admission in B.Sc. programme.
- Availability of separate labs for UG, PG and Research programmes.
- Most of the staff members are with Ph.D. qualification.

Weakness:

- Instruments in labs are inadequate.
- Most of the students admitted are from rural background and hence poor in communication and basic subject knowledge.
- Funded projects are not available.
- Few takers for PG and M. Phil. Courses.
- Poor results.

Opportunities:

- 100% admission in B.Sc. programme can be made use of to strengthen admission in PG and M.Phil. Courses.
- Availability of industries in and around the institution can promote job opportunities.
- Ph.D. programme can be started.

Challenges:

- Conducting practical courses for the UG programme.
- Getting funded projects.
- Enabling students to get through CSIR-NET exams.
- Increasing the pass percentage.

39. Future plans of the department

- Focusing on research projects.
- Collaboration with other institutions and industries.
- Conducting more seminars and conferences at national and international level.
- Introducing Ph.D. Programme.

DEPARTMENT OF STATISTICS

1. Name of the Department & its year of establishment
DEPARTMENT OF STATISTICS
Year of Establishment - 1992
2. Names of Programmes / Courses offered : **Nil**
3. Interdisciplinary courses and departments involved : **Nil**
4. Annual/semester/choice based credit system :
Semester pattern with Choice Based Credit System
5. Participation of the department in the courses offered by other departments :

Courses offered to	Subject	Semester
B.Sc. Computer Science	Allied –Statistical Methods for Computer Applications	III & IV
B.C.A.	Statistical Methods	II
B.Sc. Mathematics	Mathematical Statistics	I, II
B.Com.	Business Statistics	III
B.Com.(Bank Management)	Business Statistics	III
M.Sc. Mathematics	Stochastic Processes	III
M.Sc. Microbiology	Bio-Statistics	III
M.Com.	Advanced Business Statistics	I

6. Number of teaching posts sanctioned and filled (Professors/Associate Professors/ Asst. Professors)

	Sanctioned	Filled
Professors		
Associate Professors		
Asst. Professors	4	4

7. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.,)

Sl. No.	Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. Students guided for the last 4 years
1	Mrs. Mercy Anthony	M.Sc., M.Phil.	Asst. Professor & Head	Sampling theory	14 Years	-
2	Mr.R. Ramajayam	M.Sc., M.Phil.	Asst. Professor	Stochastic Processes	6 Months	-
3	Ms. P. Julita Mary	M.Sc, M.Phil.	Asst. Professor	Descriptive Statistics	6 Months	-
4	Ms. D. Ramya	M.Sc, M.Phil.	Asst. Professor	Probability theory	Months	-

8. Percentage of classes taken by temporary faculty – programme-wise information
Nil

9. Programme-wise Student Teacher Ratio

Class	Subject	Ratio
B.Sc. Computer Science	Allied –Statistical Methods for Computer Applications	60:1
BCA	Statistical Methods	50:1
B.Sc. Mathematics	Mathematical Statistics	60:1
B.Com	Business Statistics	50:1
BBM	Business Statistics	50:1
M.Sc. Mathematics	Stochastic Processes	30:1
M.Sc. Microbiology	Bio-Statistics	20:1
M.Com	Advanced Business Statistics	30:1

10. Number of academic support staff (technical) and administrative staff sanctioned and filled
Nil

11. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Mention names of funding agencies and grants received project-wise.
Nil

12. Departmental projects funded by DST-FIST; DBT, ICSSR, etc.; total grants received
Nil

13. Research facility / centre with
- state recognition - Nil
 - national recognition - Nil
 - international recognition - Nil

14. Publications:

- * number of papers published in peer reviewed journals (national / international) - 2
- * Monographs - Nil
- * Chapter(s) in Books - Nil
- * Editing Books - Nil
- * Books with ISBN numbers with details of publishers - Nil
- * Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.) - Nil
- * Citation Index – range / average - Nil
- * SNIP

Range	0.96 - 1.203
Average	1.0815

- * SJR

Range	0.2 - 0.57
Average	0.385

- * Impact factor – range / average

Range	0.4337 - 5.971
Average	1.62194

- * h-index - Nil

15. Details of patents and income generated
Nil

16. Areas of consultancy and income generated – Nil

17. Faculty recharging strategies

- Workshops are organized to enrich the members of the staff of the department.

Sl. No.	Title	Resource Person	Date
1.	Workshop on “Statistical tools for research”	Dr. H. Alexis Selvaraj Asst. Professor Periyar E.V.R.College, Trichy	7 th Jan, 2016

- **The members of the staff are encouraged to participate / present papers in the Seminars / Conferences / Staff Development Programme organised by other institutions.**

Papers Presented		Staff Development Programme / Training		Seminar Attended		Workshop Attended	
Inter-national	National	Within the College	Outside the College	Inter-national	National	Inter-national	National
-	3	-	1	-	7	1	3

18. Student projects

- percentage of students who have done in-house projects including inter-departmental - **Nil**
- percentage of students doing projects in collaboration with industries / institutes – **Nil**

19. Awards / recognitions received at the national and international level by

- Faculty - **Nil**
- Doctoral / post doctoral fellows - **Nil**
- Students - **Nil**

20. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.

Sl. No.	Title	Resource Person	Date	Source of funding
1.	Workshop on “Statistical tools for research”	Dr. H. Alexis Selvaraj Asst. Professor Periyar E.V.R.College, Trichy	7 th Jan, 2016	Internal Funding

21. Student profile course-wise:

Name of the Course (refer question no. 2)	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
Not Applicable					
(Department offering only Allied subjects)					

22. Diversity of Students

Name of the Course (refer question no. 2)	% of students from the college	% of students from the state	% of students from other States	% of students from other countries
Not Applicable				
(Department offering only Allied subjects)				

23. How many students have cleared Civil Services, Defense Services, NET, SLET, GATE and any other competitive examinations?

Nil

24. Student progression

Student progression	Percentage against enrolled
UG to PG	
PG to M.Phil.	Not Applicable (Department offering only Allied subjects)
PG to Ph.D.	
Ph.D. to Post-Doctoral	
Employed <ul style="list-style-type: none"> • Campus selection • Other than campus recruitment 	
Entrepreneurs	

25. Diversity of staff

Percentage of faculty who are graduates	
of the same parent university	Nil
from other universities within the State	100 %
from other universities from other States	Nil

26. Number of faculty who were awarded Ph.D., D.Sc. and D.Litt. during the assessment period.

Nil

27. Present details about infrastructural facilities

- a) Library - **22 books are available in the department library**
- b) Internet facilities for staff and students - **Nil**
- c) Total number of class rooms - **Nil**
- d) Class rooms with ICT facility - **Nil**
- e) Students' laboratories - **Nil**
- f) Research laboratories - **Nil**

28. Number of students of the department getting financial assistance from College.

Not Applicable

29. Was any need assessment exercise undertaken before the development of new program(s)? If so, give the methodology. - **Nil**

30. Does the department obtain feedback from

- a. Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize it?

Getting suggestions from the subject experts from Board of Studies and with that the syllabus is prepared.

- b. Students on staff, curriculum as well as teaching-learning-evaluation and what is the response of the department to the same?

Nil

- c. alumni and employers on the programmes and what is the response of the department to the same?

Nil

31. List the distinguished alumni of the department (maximum 10)

Nil

32. Give details of student enrichment programmes (special lectures / workshops / seminar) with external experts.

Sl. No.	Title	Resource Person	Date
1.	Workshop on <i>Statistical tools for Research</i>	Dr. H. Alexis Selvaraj Asst. Professor Periyar E.V.R.College, Trichy	7 th Jan ,2016

33. List the teaching methods adopted by the faculty for different programmes.
Chalk and talk, ICT tools, OHP, Student’s Seminar and Assignments.
34. How does the department ensure that programme objectives are constantly met and learning outcomes monitored?
By continuous assessment test, interaction with students in and outside the classrooms.
35. Highlight the participation of students and faculty in extension activities.
Nil
36. Give details of “beyond syllabus scholarly activities” of the department.
Nil
37. State whether the programme/ department is accredited/ graded by other agencies. Give details. - **Nil**
38. Detail any five Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department

Sl. No.	Strengths	Weakness	Opportunities	Challenges
1.	The department helps the staff and students in carrying out statistical analysis in research work.	Maximum number of students are from rural areas.	For carrying out research work.	To produce 100% results.
2.	Efficient staff members	The department offers only allied subjects.		Prepare students to clear SLET/NET exams.

39. Future plans of the department.
To introduce B.Sc. Statistics.

DEPARTMENT OF ZOOLOGY

1. Name of the Department & its year of establishment
DEPARTMENT OF ZOOLOGY
Year of Establishment : 1996
2. Names of Programmes / Courses offered
Nil
3. Interdisciplinary courses and departments involved
Nil
4. Annual/ semester/choice based credit system
Semester system with CBCS
5. Participation of the department in the courses offered by other departments

S. No.	Course	Department
1.	Allied - Advanced Zoology	Biochemistry
2.	Allied - Solid Waste Management	Microbiology
3.	Allied - Classical Genetics & Biostatistics	Microbiology
4.	Environmental Science	To all II year UG

6. Number of teaching posts sanctioned and filled (Professors/Associate Professors/ Asst. Professors)

	Sanctioned	Filled
Professors	--	--
Associate Professors	--	--
Asst. Professors	3	3

7. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.,)

Sl. No.	Name of the Staff	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. Students guided for the last 4 years
1.	Mrs. P. Thenmozhi	M.Sc., M.Phil., M.Ed.	Assistant Professor	Solid Waste Management	14	-
2.	Mrs. T. Asuntha Mary	M.Sc., M.Phil., M.Ed.,	Assistant Professor	Toxicology	4	-
3.	Dr. A. Arul Prakash	M.Sc., M.Phil., Ph.D.	Assistant Professor	Pharmacology	2	-

8. Percentage of classes taken by temporary faculty – programme-wise information
Nil
9. Programme-wise Student Teacher Ratio
II Microbiology – 30:1
II Biochemistry – 30:1
10. Number of academic support staff (technical) and administrative staff: sanctioned and filled
Technical Staff - 1
11. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Mention names of funding agencies and grants received project-wise.
Nil
12. Departmental projects funded by DST-FIST; DBT, ICSSR, etc.; total grants received
Nil
13. Research facility / centre with
- state recognition - **Nil**
 - national recognition - **Nil**
 - international recognition - **Nil**
14. Publications:
- * Number of papers published in peer reviewed journals (national / International) - **8**
 - * Monographs - **Nil**

* Chapter(s) in Books

S. No.	Staff Name	Book Title	Publisher	Year	ISBN No.
1.	Mrs. T. Asuntha Mary	Environmental Studies	Vijay Nicole Imprints Pvt. Ltd., Chennai	2013-First Edition 2015-Second Edition	13:978-81-8209-343-0

* Editing Books

Sl. No.	Staff name	Title of the Book	Name of the publisher and Place	Year	ISBN
1.	Mrs. P. Thenmozhi	Environmental Studies	Vijay Nicole Imprints Pvt. Ltd., Chennai	2015	978-81-8209-343-0

* Books with ISBN numbers with details of publishers - Nil

* Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.) - Nil

* Citation Index – range / average - Nil

* SNIP

Range	0.643
Average	0.643

* SJR

Range	0.329
Average	0.329

* Impact factor – range / average

Range	0.56 - 6.805
Average	2.82251

S. No.	Name	Average
1.	Mrs. P. Thenmozhi	3.6
2.	Mrs. T. Asuntha Mary	-

* H-index - Nil

15. Details of patents and income generated
Nil

16. Areas of consultancy and income generated
Nil

17. Faculty recharging strategies

- **Organizing Seminars and Workshops periodically in the Department.**
- **Encouraging the staff members to participate in seminars, conferences and workshops.**

Papers Presented		Staff Development Programme / Training		Seminar Attended		Workshop Attended	
Inter-national	National	Within the College	Outside the College	Inter-national	National	Inter-national	National
3	9	1	-	-	10	-	8

18. Student projects

- percentage of students who have done in-house projects including inter-departmental
Not Applicable
- percentage of students doing projects in collaboration with industries / institutes
Nil

19. Awards / recognitions received at the national and international level by

- Faculty - **Nil**
- Doctoral / post doctoral fellows - **Nil**
- Students - **Nil**

20. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.

Sl. No.	Seminar / Workshop / Conference	Level	Date	Funding
1.	Workshop on Mushroom Cultivation & Vermitechnology	National	20-07-2012	Internal Funding
2.	Workshop on Emu Farming	National	14-02-2012	Internal Funding

3.	Workshop on Present Perspectives of Drug Discovery from Marine Natural Products	National	13-08-2015	Internal Funding
----	---	----------	------------	------------------

- 21. Student profile course-wise:
Not Applicable
- 22. Diversity of Students
Not Applicable
- 23. How many students have cleared Civil Services, Defense Services, NET, SLET, GATE and any other competitive examinations?
Nil
- 24. Student progression
NIL
- 25. Diversity of staff

Percentage of faculty who are graduates	
of the same parent university	--
from other universities within the State	67%
from other universities from other States	33%

- 26. Number of faculty who were awarded Ph.D., D.Sc. and D.Litt. during the assessment period.
NIL
- 27. Present details about infrastructural facilities
 - a. Library - **Available**
No. of Books in the Department Library: 25
 - b. Internet facilities for staff and students - **Nil**
 - c. Total number of class rooms - **Nil**
 - d. Class rooms with ICT facility - **Nil**
 - e. Students' laboratories - **1**
 - f. Research laboratories - **Nil**
- 28. Number of students of the department getting financial assistance from College.
Not Applicable

29. Was any need assessment exercise undertaken before the development of new program(s)? If so, give the methodology.

Nil

30. Does the department obtain feedback from

a. Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize it?

Series of staff meeting to discuss both curriculum and evaluation methods and implementing it in next curriculum after approval from BOS and academic council

b. Students on staff, curriculum as well as teaching-learning-evaluation and - what is the response of the department to the same?

The IQAC periodically gets feedback from the students about the staff and the curriculum and later the suggestions are considered for action.

c. Alumni and employers on the programmes and what is the response of the department to the same?

Not Applicable

31. List the distinguished alumni of the department (maximum 10)

Not Applicable

32. Give details of student enrichment programmes (special lectures / workshops / seminar) with external experts.

Sl. No.	Lecture / Workshop / Seminar	Date of conduct	External Experts / Industry
1.	Guest Lecture - Marine pollution and its ill effects.	15.09.2011	Dr. S. Ravichandran CAS in Marine biology, Annamalai University, Port Novo.
2.	Workshop - Emu Farming	14-02-2012	Dr. Vijil Anbaiyah, Associate Professor, Department of Animal Husbandry, Faculty of Agriculture, Annamalai University,
3.	Workshop - Mushroom Cultivation & Vermitechnology	20.07.2012	Mr. Bala Mugesh Sing, Director of Surya Biotech, Chidhambaram.
4.	Guest Lecture - Global Warming and its ill effects.	26.07.2012	Dr. R. Kannan , HOD in Zoology. Periyar Arts College, Cuddalore.

5.	Guest Lecture - Zero Waste Management and Plastic free zone.	28-07-2012	Dr. Shibu Nair, Prof. in Environmental Engineering, Kerala.
6.	Guest Lecture - Biodiesel	18.01.2013	Dr. Siva Kumar, CAS in Marine Biology, Annamalai University, Port Novo.
7.	Guest Lecture - Importance of mangrove forests in Cuddalore District	03.10.2013	Dr. Angusamy, District Forest Officer, Cuddalore.
8.	Guest Lecture - Present perspectives of drug discovery from marine natural products.	13.08.2015	Dr. Aldouse Huxley, Asst. Prof. of Zoology, Govt. Arts & Science College, Thiuvarur.

33. List the teaching methods adopted by the faculty for different programmes.
OHP, LCD, Chalk & talk, Lecture method, Group discussions, Students Seminar etc.
34. How does the department ensure that programme objectives are constantly met and learning outcomes monitored?
 - **Periodical tests/assignments**
 - **Self-employable training program**
 - **Oral Feedback**
35. Highlight the participation of students and faculty in extension activities.
The department is actively engaged in involving extension activities. This ensures that the students grow as responsible citizens.

Date	Place	Topic	Number of Students	Staff Members
3 rd February 2013	Varakalpattu Village people, Cuddalore Dist.	One Day Training program for the villagers of Cuddalore Dist on “Mushroom Cultivation” in collaboration with Tamil Nadu Science & Technology.	25 UG & PG Students	6
29 th July 2013	Aayekuppam Village People, Cuddalore Dist.	Training program for the villagers of Cuddalore Dist. on Mushroom Cultivation	10 UG students	2

23 rd January 2013.	Blessed Mother Teresa Higher Secondary School, Puducherry.	Awareness On Zero Waste Management	15 UG students of various dept.	2
30 th January 2016	Pethankuppam Village, Cuddalore district.	Awareness on Soil Reclamation after recent flood.	14 UG students from Depart. of Microbiolog y	2

36. Give details of “beyond syllabus scholarly activities” of the department.
Poster presentation, Students projects and Guest lectures.
37. State whether the programme/ department is accredited/ graded by other agencies.
Give details.
NIL
38. Detail any five Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department

Strength

- Producing good results.
- Involving students from various departments in environmental activities.
- Actively involving in various extra-curricular activities.

Weakness

- The department only offers allied subject.

Opportunities

- Getting practical knowledge through field trips.
- Creating opportunities for self employment(mushroom cultivation)
- Doing pilot projects to equip the students for their research career (vermicomposting)
- Implementing social responsibilities through Enviroclub activities.

Challenges

- To sustain the projects carried out by the department.
- The department offers only allied subject.

39. Future plans of the department.
- **To start B.Sc. Zoology.**
 - **To organize National Level Seminar with external funding.**
 - **Planning to conduct more extension activities by getting fund from various funding agencies.**

DEPARTMENT OF PSYCHOLOGY

1. Name of the Department & its year of establishment
Department of Psychology
Year of establishment- 2007

2. Names of Programmes / Courses offered
Nil

3. Interdisciplinary courses and departments involved
Nil

4. Annual/ semester/choice based credit system
Semester / Choice Based Credit System

5. Participation of the department in the courses offered by other departments
Value Education & Personality Development to all UG first year students.

6. Number of teaching posts sanctioned and filled (Professors/Associate Professors/ Asst. Professors)

	Sanctioned	Filled
Professors	--	--
Associate Professors	--	--
Asst. Professors	3	3

7. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.,)

Sl. No.	Name of the Staff	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. Students guided for the last 4 years
1	Mrs. Ruby Violet Rani	B.O.T, M.Sc., M.Phil.	Asst. Professor	Mental Health, Environmental Behavior	9	-
2	Mrs. J. P. Christie Praba	M.A., M.Phil., B.Ed.	Asst. Professor	Environmental Behavior	3	-
3	Mrs. S. Josephine	M.S.W., M.Phil.	Asst. Professor	Medical and Psychiatry	3	-

- 8. Percentage of classes taken by temporary faculty – programme-wise information
Nil
- 9. Programme-wise Student Teacher Ratio
UG - 70 : 1
- 10. Number of academic support staff (technical) and administrative staff: sanctioned and filled
Nil
- 11. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Mention names of funding agencies and grants received project-wise.
Nil
- 12. Departmental projects funded by DST-FIST; DBT, ICSSR, etc.; total grants received
Nil
- 13. Research facility / Centre with
 - state recognition - **Nil**
 - national recognition - **Nil**
 - international recognition - **Nil**
- 14. Publications:
 - * Number of papers published in peer reviewed journals (national / International) - **3**
 - * Monographs - **Nil**
 - * Chapter(s) in Books - **Nil**
 - * Editing Books

Sl. No.	Staff name	Title of the Book	Name of the publisher and Place	Year	ISBN
1	Mrs. E. Ruby Violet Rani	Value Education and Dynamics of Personality	Vijay Nicole Imprints Private Limited, Chennai	2016	--

- * Books with ISBN numbers with details of publishers - **Nil**
- * Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.) - **Nil**
- * Citation Index – range / average - **Nil**
- * SNIP - **Nil**
- * SJR - **Nil**

- * Impact factor – range / average - Nil
- * h-index - Nil
- 15. Details of patents and income generated
Nil
- 16. Areas of consultancy and income generated
Nil
- 17. Faculty recharging strategies
Staff members attend national seminar, workshop, conference organized by other universities.

Papers Presented		Seminar Attended		Workshop Attended	
Inter-national	National	Inter-national	National	Inter-national	National
1	5	2	5	-	4

- 18. Student projects
 - percentage of students who have done in-house projects including inter-departmental
Nil
 - percentage of students doing projects in collaboration with industries / institutes
Nil
- 19. Awards / recognitions received at the national and international level by
 - o Faculty - **Nil**
 - o Doctoral / post-doctoral fellows - **Nil**
 - o Students - **Nil**

- 20. Seminars/ Conferences/Workshops organized and the source of funding (national / International) with details of outstanding participants, if any.

S. No.	Title	Date	Funding	Resource person
1	National Workshop on Behavior Modification among College Students	23 rd Jan 2016	Internal funding	C. K. Dhanapandian & P. Krishnamurthy Rehabilitation Psychologist, Tamil Nadu Psychology Association

- 21. Student profile course-wise
Not applicable

- 22. Diversity of Students
Not applicable
- 23. How many students have cleared Civil Services, Defense Services, NET, SLET, GATE and any other competitive examinations?
Nil
- 24. Student progression
Not applicable
- 25. Diversity of staff

Percentage of faculty who are graduates	
of the same parent university	--
from other universities within the State	100%
from other universities from other States	--

- 26. Number of faculty who were awarded Ph.D., D.Sc. and D.Litt. during the assessment period
Nil
- 27. Present details about infrastructural facilities
 - a. Library - **Department Library - 15 Nos.**
 - b. Internet facilities for staff and students college library - **Nil**
 - c. Total number of class rooms - **Not applicable**
 - d. Class rooms with ICT facility - **Not applicable**
 - e. Students' laboratories - **Nil**
 - f. Research laboratories - **Nil**
- 28. Number of students of the department getting financial assistance from College
Not Applicable
- 29. Was any need assessment exercise undertaken before the development of new program(s)? If so, give the methodology
Nil
- 30. Does the department obtain feedback from
 - a. Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize it?
The feedback was presented to the Board of Studies and then presented to the Academic Council.

- b. Students on staff, curriculum as well as teaching-learning-evaluation and what is the response of the department to the same?

Feedback was done on staff by students regularly by IQAC cell and was useful for the staff members to improve themselves.

- c. Alumni and employers on the programmes and what is the response of the department to the same?

Nil

31. List the distinguished alumni of the department (maximum 10)

Nil

32. Give details of student enrichment programmes (special lectures / workshops / seminar) with external experts.

S. No.	Date	External experts	Topics
1	27-08-2011	Dr. Philip Raj Kumar MD Psychiatrist, JIPMER, Puducherry	Youth problems
2	08-10-2011	Dr. Chellapillai, MD Psychiatrist, Cuddalore.	Psychiatric Problems
3	16-10-2012	Ms. Lalitha Sub-Collector, Cuddalore	How to Excel in Life
4	30-07-2012	Dr. Venkattammal Head, Department of Psychology Annamalai University & Dr. Neelakandan Department of Psychology Annamalai University	The problems Faced by youth in their daily life
		Mr. Sunil George Kurian Consultant – Educational Institutions, Puducherry.	Organizational behavior
5	23-09-2013	Dr. Joseph Alexander Head, Department of Psychology - DDE Annamalai University	Stress Caused by Gadgets among College Students
6	18-08-2015	Mrs. Rama Counselor Mahatma Gandhi Medical College and Research Institute, Puducherry	Essence of Counseling
7	23-01-2016	Mr. C. K. Dhanapandian Rehabilitation Psychologist, National Institute for Empowerment of Persons with Multiple Disabilities, Chennai.	Behavior Modification among College Students
8	23-01-2016	Mr. P. Krishnamurthy Rehabilitation Psychologist, National Institute for Empowerment of Persons with Multiple Disabilities, Chennai.	Behavior Modification among College Students

33. List the teaching methods adopted by the faculty for different programmes
Questionnaire, Psychotherapy, Role Play, Collage.
34. How does the department ensure that programme objectives are constantly met and learning outcomes monitored?
Periodical tests.
35. Highlight the participation of students and faculty in extension activities.

S. No	Place	Date	Type of activity	Participants
1	Fraternal Life Service Home, Puducherry	27-08-2011	Awareness Programme to Mentally Affected People	I & II year students
2	C.A.S. Marine Biology, Port Nova	17-03-2012	Educational Trip	I & II year students
3	Ramapuram Village	16-10-2012	Mental Health Awareness Poster & Pamphlets	I year students
4	SOS Children Village	01-03-2013	Observation Visit	II year students
5	Ramapuram Village	10-10-2014	Counseling to Village People	II year students

36. Give details of “beyond syllabus scholarly activities” of the department.
 - **Individual Counseling & Group Counseling**
 - **Awareness Programmes on Mental Health**
37. State whether the programme/ department is accredited/ graded by other agencies. Give details
Nil
38. Detail any five Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department

Strength

- Staff co-ordination.
- Inculcating moral values.
- Enrichment of personality.
- Counseling to students and public.

Weakness

- Difficulty in changing the behavior of all the students.

Opportunities

- Enhancing Leadership Skills by involving the students in various activities.
- Visits to Mental Health home and orphanages.

Challenges

- Reaching out all the students.
- Balancing teaching and counseling.

39. Future plans of the department.

- **To conduct more workshops on Behavior Management, Stress Management Skills**
- **To establish counseling cell in other places.**
- **To start undergraduate course in Psychology.**
- **To undertake new research projects.**

DEPARTMENT OF COMMERCE

1. Name of the Department & its year of establishment
Department of Commerce 1991

2. Names of Programmes / Courses offered
- | | |
|---------------------------------|--------------------|
| B.Com (Shift I) | - 1991-1992 |
| B.Com (Shift II) | - 1995-1996 |
| B.Com. (Bank Management) | - 1996-1997 |
| M.Com. Commerce | - 2004-2005 |
| M. Phil. Commerce | - 2009-2010 |
| Ph.D. (Commerce) | - 2011-2012 |
| B.Com. (Bank Management) | - 2012-2013 |

3. Interdisciplinary courses and departments involved

S. No.	Subject	Semester	Department
1.	Business Statistics	III	Statistics
2.	Business Mathematics	IV	Mathematics
3.	Business Economics	I & II	Economics
4.	Indian Economy	IV	Economics
5.	Indian Economy	III	Economics
6.	Managerial Economics	I	Economics
7.	Business Environment and Policy	II	Economics

4. Annual/ semester/choice based credit system
Semester – Choice Based Credit System

5. Participation of the department in the courses offered by other departments

S. No.	Subject	Semester	Department
1.	Commerce in Practice	III	Physics
2.	Accounting for Business	III	Mathematics
3.	Financial Accounting	III	Computer Applications (BCA)
4.	Cost and Management Accounting	IV	Computer Applications (BCA)

6. Number of teaching posts sanctioned and filled (Professors/Associate Professors/ Asst. Professors)

	Sanctioned	Filled
Professors	--	--
Associate Professors	--	--
Asst. Professors	22	22

7. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.,)

Sl. No.	Name of the Staff	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. Students guided for the last 4 years
1	Dr. I. Savarimuthu	M.Com., M.Ed., M.Phil., M.B.A., Ph.D.,	Asst. Professor	Human Resource Management	23 Yrs	Nil
2	Dr. L. Santharaj	M.Com., M.A., M.Phil., M.B.M., Ph.D.,	Asst. Professor	Accounting & Finance, Human Resource Management, Banking	17 Yrs	Nil
3	Dr. R. Krishnakumar	M.Com., M.Phil., M.B.A., PGDFM., Ph.D.,	Asst. Professor	Financial Management	17 Yrs	7
4	Dr. P. James Mary	M.A., M.Com M.Phil., SLET., Ph.D.,	Asst. Professor	Human resource Management	13 Yrs	Nil
5	Mr. P. Vaitianadane @ Anbounadane	M.Com., B.Ed., M.Phil.,	Asst. Professor	Accounts	25 Yrs	Nil
6	Dr. R. Krishnaveni	M.Com., M.Phil., Ph.D.,	Asst. Professor	Income Tax Law & Practice	13 Yrs	Nil
7	Mrs. F. Andrews	M.Com., M.Com. (BIM) M.Phil.,	Asst. Professor	Business Management	13 Yrs	Nil
8	Mr. R. PunniyaSeelan	M.Com., M.Phil., SLET	Asst. Professor	Accounting and Research Methodology	16 Yrs	Nil

9	Mr. A. Radhakrishnan	M.Com., B.Ed., M.Phil., PGDCM., SLET.,	Asst. Professor	Modern Banking, Cost Accounts, Management Accounts, Marketing, Project Management	15 Yrs	Nil
10	Mr. A. Albert Ravi	M.Com., M.Phil., M.B.A	Asst. Professor	Entrepreneur Development, Organizational Behaviour	10 Yrs	Nil
11	Dr. P. Arul Prasad	M.Com., M.Phil., M.B.A., B.L.I.S., Ph.D.,	Asst. Professor	Finance and Human resource Management	12 Yrs	Nil
12	Ms. A. Margaret Usha	M.Com., M.Phil.,	Asst. Professor	Financial Accounting,	5 Yrs	Nil
13	Mr. P. Benjamin Rozario	M.Com., M.Phil., M.B.A., M.H.R.M	Asst. Professor	Practical Auditing, Indian Capital Market & Financial Services, Business Law, Human resource Management	6 Yrs	Nil
14	Mr. D. Prabakaran	M.Com., B.Ed., M.Phil., NET	Asst. Professor	Business Management	6 Yrs	Nil
15	Mrs. S. Baby Motcharakkini	M.Com., B.Ed., M.Phil.	Asst. Professor	Retail Marketing	4 Yrs	Nil
16	Mrs. G. Bhuvaneshwari	M.Com., M.Phil.,	Asst. Professor	Cost Accounting	4 Yrs	Nil
17	Mr. M. John Bosco	M.Com., M.Phil.,	Asst. Professor	Banking	3 Yrs	Nil
18	Mr. V. Sundara Prasad	M.Com., M.Phil., B.Ed., M.B.A.,	Asst. Professor	Accounting & Finance	7 Yrs	Nil
19	Ms. C. C. Anitha	M.Com., M.Phil.,	Asst. Professor	Business Law	5 Yrs	Nil
20	Mr. A. Irudayaraj	M.Com., B.Ed., M.Phil., SET, PGDMMA.	Asst. Professor	Entrepreneur Development	5 Yrs	Nil
21	Mr. R. Arokia Antony Prabu	M.Com., M.Phil.	Asst. Professor	Marketing, Banking, Human Resource Management, Financial Accounting	1 Yr	Nil
22	Rev. Fr. A. Alex	M.Com., M.Ed., M.Phil.	Asst. Professor	Human Resource Management	10 months	Nil

8. Percentage of classes taken by temporary faculty – programme-wise information
Nil

9. Programme-wise Student Teacher Ratio

Programme	Student- Teacher Ratio
B.Com	70:1
B.Com (Bank Management)	60:1
M.Com.	20:1
M.Phil.	4:1
Ph.D.	7:1

10. Number of academic support staff (technical) and administrative staff: sanctioned and filled

Academic support staff (technical) - Nil

Administrative staff - Nil

11. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Mention names of funding agencies and grants received project-wise.

Nil

12. Departmental projects funded by DST-FIST; DBT, ICSSR, etc.; total grants received
Nil

13. Research facility / centre with

- state recognition - **Nil**
- national recognition - **Nil**
- international recognition - **Nil**

14. Publications:

- number of papers published in peer reviewed journals (national / international) - **97**
- Monographs - **Nil**

- Chapter(s) in Books - 2

Staff Name	Course	Subject	Chapter	Name of the Book
Dr. L. Santhanaraj	MBA in Marketing	Advertising And Sales Promotion	Unit-I	Study material for Directorate of Distance Education, Pondicherry University, Puducherry
Dr. L. Santhanaraj	MBA in Marketing	Industrial Marketing	Unit-V	Study material for Directorate of Distance Education, Pondicherry University, Puducherry

- Editing Books - 1

S. No.	Staff Name	Title	Year	ISSN/ISBN
1.	Dr. I. Savarimuthu	Contemporary Developments And Challenges In Human Resource Management	2015	ISBN 13:978-8209-294-5

- Books with ISBN numbers with details of publishers - Nil
- Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.) - Nil
- Citation Index – range / average - Nil
- SNIP

Range	0.556 - 2.846
Average	1.69433

- SJR

Range	0.2 - 3.771
Average	1.32311

- Impact factor – range / average - 5

Range	2.2052 - 4.164
Average	2.314985

- h-index - Nil

15. Details of patents and income generated
Nil

16. Areas of consultancy and income generated
Dr. I. Savarimuthu, Assistant Professor and Head, is a consultant to Rural Education and Development Centre (REDC), Vandurayanpet, Cuddalore District and offers consultancy on Human Resource Management.

17. Faculty recharging strategies
- **National Level Workshop on Research Methodology was conducted for the staff and students.**
 - **Staff members have undergone Orientation Programme, Refresher Courses, attended seminars / workshops and presented papers.**

Papers Presented		Seminar Attended		Workshop Attended	
Inter-national	National	Inter-national	National	Inter-national	National
94	54	3	15	-	25

18. Student projects
- percentage of students who have done in-house projects including inter-departmental

Programme	Percentage
M.Com.	100%
M.Phil.	100%

- percentage of students doing projects in collaboration with industries / institutes - **Nil**

19. Awards / recognitions received at the national and international level by
 (a) Faculty - **Nil**

(b) Student Achievements

1. 10 players of the women football team of the Thiruvalluvar University who won the State Level Chief Minister’s Championship Trophy and All India Inter-University Championship were from Commerce Department.
2. Ms. K. Radhika (2012-2015) of Commerce Department participated in the International Football Tournament in Jordan. She was awarded with “Nambikai Natchatiram” Puthiya Thalaimurai award on 2013.
3. Two students of Commerce Department participated in International games in the year 2012-13.

4. 36 students of Commerce Department participated in the All India Inter-University games 2012-13.

Students of Commerce Department who participated in the International games

2012-2013

S. No.	Name of the Participant	Events	Class
1	K. Indumathi	Foot Ball	II B.Com
2	K. Sumithra	Foot Ball	II B.Com

2013-2014

S. No.	Name of the Participant	Events	Class
1	K.Sumithra	Foot Ball	III B.Com
2	K.Indumathi	Foot Ball	III B.Com
3	R.Rathika	Foot Ball	II B.Com

20. Seminars/ Conferences/Workshops organized and the source of funding (national /international) with details of outstanding participants, if any.

S. No.	Title of the Seminar / Conference / Workshop	Date	Funding	Outstanding Participants
1	9 th Students' Eye (exclusively for students)	9 th Sep 2015	Internal funding	Rev.Fr.Paul Raj Kumar Secretary, St. Anne's Arts and Science College, Tindivanam. Rev. Fr. Dr. Andrew Principal, St. Joseph's College, Trichy.
2	International conference on Contemporary Developments and Challenges in HRM (ICCODAC – HRM)	13 th & 14 th March, 2015	Internal funding	Fr. N. Casmir Raj, President and Founder Director, LIBA, Chennai
3	Workshop on Research Methodology	3 rd & 4 th Feb 2016	Internal funding	Dr. N. Viswanathan Principal, Periyar Govt. Art College, Cuddalore. Dr. M. Kasilingam Associate Professor, Pondicherry University, Puducherry.

4	7 th Students' Eye (exclusively for students)	10 th Feb., 2014	Internal funding	Mr. Radhakrishnan Hon'ble Speaker Puducherry Assembly
5	8 th Students' Eye	24 th Sep. 2014	Internal funding	Dr. D. Elangovan Professor, Dept. of Commerce Annamalai University Annamalai Nagar Dr. S. Soosai John Rosario Dept. of Commerce Periyar Govt. Arts College Cuddalore Dr. A. William Associate Prof. of Economics A. A. Govt. Arts College, Villupuram Mr. A. David Soundar Dept. of English Periyar Govt. Arts College Cuddalore
6.	Student's Eye, A State Level Students Seminar	23 rd Feb., 2012	Internal funding	Dr. N. Panchanatham Director for School of Management Annamalai University, Annamalai Nagar. Dr. D. Elangovan Professor, Department of Commerce, Annamalai University, Annamalai Nagar.

21. Student profile course-wise:

Name of the Course	Year	Applications Received	Students Admitted		Total No of Students Admitted	Pass Percentage	
			Male	Female		Male	Female
B.Com.	2011-12	317	146	168	314	49%	83%
B.Com.	2012-13	302	166	135	301	48%	79%
B.Com.	2013-14	301	131	128	259	44%	70%
B.Com.	2014-15	297	145	134	279	58%	74%
B.Com.	2015-16	292	149	136	285	20%	44%

Name of the Course	Year	Applications Received	Students Admitted		Total No of Students Admitted	Pass Percentage	
			Male	Female		Male	Female
B.Com (Bank Mgt.)	2011-12	71	71	-	71	37%	-
B.Com (Bank Mgt.)	2012-13	142	80	61	141	33%	-
B.Com (Bank Mgt.)	2013-14	143	74	54	128	58%	-
B.Com (Bank Mgt.)	2014-15	142	67	67	134	34%	70%
B.Com (Bank Mgt.)	2015-16	142	75	64	139	16%	58%

Name of the Course	Year	Applications Received	Students Admitted		Total No of Students Admitted	Pass Percentage	
			Male	Female		Male	Female
M.Com.	2011-12	38	13	25	38	54	80
M.Com.	2012-13	25	08	17	25	50	82
M.Com.	2013-14	44	10	34	44	40	94
M.Com.	2014-15	40	15	24	39	53	92
M.Com.	2015-16	33	10	21	31	63%	

Name of the Course	Year	Applications Received	Students Admitted		Total No of Students Admitted	Pass Percentage	
			Male	Female		Male	Female
M.Phil.	2011-12	22	07	15	22	100	100
M.Phil.	2012-13	17	09	08	17	78	100
M.Phil.	2013-14	18	07	11	18	100	100
M.Phil.	2014-15	06	02	04	06	100	75
M.Phil.	2015-16	15	03	12	15	-	-

22. Diversity of Students

2011-2012

Name of the Course (refer question no. 2)	% of students from the college	% of students from the state	% of students from other States	% of students from other countries
B.Com.	-	90.4	9.6	Nil
B.Com. (Bank Management)	-	90.1	9.9	Nil
M.Com.	71	100	Nil	Nil
M.Phil.	74	100	Nil	Nil

2012-2013

Name of the Course (refer question no. 2)	% of students from the college	% of students from the state	% of students from other States	% of students from other countries
B.Com.	-	92.4	7.6	Nil
B.Com. (Bank Management)	-	96.5	3.5	Nil
M.Com.	76	88	12	Nil
M.Phil.	70	100	Nil	Nil

2013-2014

Name of the Course (refer question no. 2)	% of students from the college	% of students from the state	% of students from other States	% of students from other countries
B.Com.	-	97.3	2.7	Nil
B.Com. (Bank Management)	-	99.2	0.8	Nil
M.Com.	75	100	Nil	Nil
M.Phil.	70	100	Nil	Nil

2014-2015

Name of the Course (refer question no. 2)	% of students from the college	% of students from the state	% of students from other States	% of students from other countries
B.Com.	-	88.9	11.1	Nil
B.Com. (Bank Management)	-	94.8	5.2	Nil
M.Com.	77	94.7	5.3	Nil
M.Phil.	66.7	100	Nil	Nil

2015-2016

Name of the Course (refer question no. 2)	% of students from the college	% of students from the state	% of students from other States	% of students from other countries
B.Com.	-	90.4	9.6	Nil
B.Com. (Bank Management)	-	89.2	10.6	Nil
M.Com.		93.5	6.5	Nil
M.Phil.		100	Nil	Nil

23. How many students have cleared Civil Services, Defense Services, NET, SLET, GATE and any other competitive examinations? - 3 Students

S. No.	Name	Year	Examination	Position
1.	Ms. Indhumathi	2014-2016	Tamil Nadu Police Service	S.I., Chennai.
2.	Mr. B. Arun Raj	2013-2016	--	Army
3.	Ms. Dhanalakshmi	2012-2015	Banking Services Examination	IOB, Cuddalore

24. Student progression

2011-12

Student progression	Percentage against enrolled
UG to PG	57 %
PG to M.Phil.	75 %
PG to Ph.D.	Nil
Ph.D. to Post-Doctoral	Nil
Employed	
• Campus selection	2 %
• Other than campus recruitment	52 %
Entrepreneurs	42 %

2012-13

Student progression	Percentage against enrolled
UG to PG	54 %
PG to M.Phil.	70 %
PG to Ph.D.	Nil
Ph.D. to Post-Doctoral	Nil
Employed	
• Campus selection	4 %
• Other than campus recruitment	33 %
Entrepreneurs	44 %

2013-14

Student progression	Percentage against enrolled
UG to PG	72 %
PG to M.Phil.	70 %
PG to Ph.D.	3 %
Ph.D. to Post-Doctoral	Nil
Employed	
• Campus selection	4 %
• Other than campus recruitment	10 %
Entrepreneurs	40 %

2014-15

Student progression	Percentage against enrolled
UG to PG	55 %
PG to M.Phil.	15%
PG to Ph.D.	5 %
Ph.D. to Post-Doctoral	Nil
Employed	
• Campus selection	5 %
• Other than campus recruitment	10 %
Entrepreneurs	35 %

2015-16

Student progression	Percentage against enrolled
UG to PG	54 %
PG to M.Phil.	70 %
PG to Ph.D.	Nil
Ph.D. to Post-Doctoral	Nil
Employed	
• Campus selection	4 %
• Other than campus recruitment	33 %
Entrepreneurs	44 %

25. Diversity of staff

Percentage of faculty who are graduates	
of the same parent university	41%
from other universities within the State	50%
from other universities from other States	9%

26. Number of faculty who were awarded Ph.D., D.Sc. and D.Litt. during the assessment period. - 4

S. No.	Name	Degree	Year	University
1	Dr. R. Krishnaveni	Ph.D.	2011	Bharathidasan University, Trichy
2	Dr. L. Santharaj	Ph.D.	2012	Bharathidasan University, Trichy
3.	Dr. P. Arul Prasad	Ph.D.	2015	Bharathidasan University, Trichy
4.	Dr. P. James Mary	Ph.D.	2015	Madurai Kamarajar University, Madurai

27. Present details about infrastructural facilities

- a) Library - **Available**
No. of books in the department library: 115
- b) Internet facilities for staff and students - **Nil**
- c) Total number of class rooms - **12**
- d) Class rooms with ICT facility - **Nil**
- e) Students' laboratories - **Nil**
- f) Research laboratories - **Nil**

28. Number of students of the department getting financial assistance from College.

S. No.	Year	No. of Students	Amount
1	2011 – 2012	138	4,23,037
2	2012 – 2013	156	6,76,222
3	2013 – 2014	163	6,53,708
4	2014 – 2015	100	4,33,271
5	2015 - 2016	106	4,77,965

29. Was any need assessment exercise undertaken before the development of new program(s)? If so, give the methodology. **Nil**

30. Does the department obtain feedback from

- a. Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize it?

Feedback on curriculum was obtained from staff members during the staff meeting. The suggestions were forwarded to the Board of studies.

- b. Students on staff, curriculum as well as teaching-learning-evaluation and what is the response of the department to the same?

Feedback was collected through IQAC.

- c. Alumni and employers on the programmes and what is the response of the department to the same?

Feedback was collected through IQAC.

31. List the distinguished alumni of the department (maximum 10)

S. No.	Alumni	Year	Designation	Place
1.	M. Tamilarasi, M.Com., M.Phil. A11MPCM16	2011	Assistant Professor	Krishnasamy College of Science, Arts & Management, Cuddalore.
2.	J. Ramya, M.Com., M.Phil. A11MPCM15	2011	Assistant Professor	Krishnasamy College of Science, Arts & Management, Cuddalore.
3.	S. Dilip Kumar M.Com		Computer Operator	Collector Office (Villupuram)
4	M. SambathKumar, M.Com, M.Phil.		Constable	Tamil Nadu Police, Karamanikuppam
5	SelvaKumar.R		Showroom Manager	AIRTEL

32. Give details of student enrichment programmes (special lectures / workshops / seminar) with external experts.

S. No	Date	Resource Person	Topic
1	09-07-2015	Mr. Raja Ganesh General Manager District Industries Centre Cuddalore	Schemes for Entrepreneur
2	25-07-2015	Dr. John Adaikalam, Asst. Professor, Annamalai University, Chidambaram	Career Development
3	03-02-2016	Dr. L. J. Charlaas, Head, Dept. of Commerce St. Joseph's College, Trichy	Research Methodology
4	04-02-2016	Dr. Kasilingam Associate Professor Pondicherry University Puducherry	Practical session on SPSS package
5	24-07-2014	Dr. S. Soosai John Rosario Asst. Professor of Commerce Periyar Government Arts College Cuddalore	<ul style="list-style-type: none"> • Practical Oriented Training • Women Empowerment
6	24-09-2014	Mr. Lawrence Managing Director Rani and Rani Company, Neyveli	Students Development

7	24-09-2014	Dr. D. Elangovan Prof. of Commerce Annamalai University Chidambaram	Financial Crisis
8	31-01-2015	Mr. John Adaikalam Assistant Professor, Management Studies, Institute: Annamalai university Chidambaram	Career Guidance
9	08-04-2015	Dr. V. Sundar Associate Professor of Commerce wing-DDE, Annamalai university Chidambaram	M-Commerce
10	12-09-2013	Dr. D. Lazar Associate Prof. of commerce, Pondicherry University Puducherry	Modern India vs Poor India.
11	27-09-2013	Mr. R. Karthikeyan, Zenith Tally Academy, Cuddalore	Scope of Job availability in India
12	19-10-2013	Dr. I. Savarimuthu Head, Commerce St. Joseph's College, Cuddalore	How to Sell Ourselves
13	20-03-2014	Dr. R. Kasiligam Asst.Professor Pondicherry University Puducherry	Stock Exchange
14	25-07-2012	Mr. M. P. Natarajan Professor, Department of Commerce, Pondicherry University Puducherry	<ul style="list-style-type: none"> • Baby Boomers, Millennia's Syndrome • Self Management
15	06-08-2012	Mr. Fazal Ali, General Manager Deputy Director of Industries of Commerce, Cuddalore	MSME (Micro Small and Medium Enterprise)
16	06-08-2012	Mrs. R.Brindha, Special Officer Cuddalore District Central Co- operative Bank. Cuddalore	Communication Skills
17	23-08-2012	Mr. Ganesh Jayaraman, SreeVignesh Securities (SHAREKHAN) Cuddalore	Stock Exchange & Security Trading- An Eye Opener

18	26-09-2012	Mr. Guru Prasad, Senior manager City Union Bank, Chennai	Recent trends in Banking Technology
19	11-03-2013	Dr. K. Kasilingam, Nominee of SEBI SEBI, Puducherry	Financial Planning
20	05-08-2011	Mrs. Malliga Chandran Principal Kandasami Naidu College For Women, Cuddalore.	Communication Skills
21	13-09-2011	Mr. Sreenivasa Rao Chartered Accountant Puducherry	Career Guidance Programme

33. List the teaching methods adopted by the faculty for different programmes.

- **Chalk and Black Board**
- **OHP Projector**
- **Power point presentation**

34. How does the department ensure that programme objectives are constantly met and learning outcomes monitored?

- **Conducting CIA exams**
- **Seminars**
- **Class test**
- **Group discussion**
- **Assignments**

35. Highlight the participation of students and faculty in extension activities.

S. No.	Year	Extension activities	Place
1	05.01.2016	Extending helping hands to flood victims	Semmandalam, Cuddalore
2	25.02.2016	Building Social values among school children	St. Joseph's RC Middle School, Nellikuppam
3	24.02.2015	Helping aged people	St. Mary's Home for the Aged, Cuddalore-1

36. Give details of “beyond syllabus scholarly activities” of the department.
- **Conducting coaching classes are conducted for Common Proficiency Test to enable the students to pursue CA.**
 - **Industrial visits**

S. No.	Year	Participants	Place
1.	26-01-2016	UG Final Year Students (Shift I)	Ponlait Factory, Puducherry
2	18-01-2013	UG Final Year Students (Shift II)	Munnar Tea & Coffee Estate, Munnar
3	26-01-2013	B.Com (Bank Management) UG Final Year Students	Doddabetta Tea Factory & Tea Museum, Udhamandalam
4	11-02 -2012	UG Final Year Students (Shift II)	Doddabetta Tea Factory & Tea Museum, Udhamandalam
5	10-03-2012	UG Final Year Students (Shift II)	Kamaraj Krishi Vigyan Kendra, Puducherry

37. State whether the programme/ department is accredited/ graded by other agencies. Give details.

Nil

38. Detail any five Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department

Strength

- Most of the staff members are Ph.D., SLET, and NET qualified staff.
- Practical Accounting packages are included in the curriculum.
- Social responsibility of the department through its activities in rural areas.
- Having a team of committed, dedicated and sincere staff.
- Encouraging students to organize various activities.

Weakness

- Majority of the students are from remote area with poor family background.

Opportunities

- Coaching classes for professional courses.
- Sending staff members to attend the orientation for the development of the staff.
- Encouraging staff members to complete Ph.D. and publish research articles.
- To promote entrepreneurship.

Challenges

- Moulding and training the students from the rural background.
- Language barrier.

39. Future plans of the department.

- **To conduct More Entrepreneurial Development programme.**

DEPARTMENT OF ENGLISH

1. Name of the Department & its year of establishment
PG AND RESEARCH DEPARTMENT OF ENGLISH
Year of Establishment - 1991

2. Names of Programmes / Courses offered

Name of the Programme	Year of Establishment
B.A. English	2008
M.A. English	2011
M.Phil., English	2013

3. Interdisciplinary courses and departments involved

Course	Subject	Department Involved
B.A. English	Value Education	Psychology
B.A. English	Personality Development	Psychology
B.A. English	Environmental Science	Zoology
B.A. English	First Aid	Biochemistry
M.A. English	Human Rights	History

4. Annual/ semester/choice based credit system
Semester - Choice Based Credit System.
5. Participation of the department in the courses offered by other departments –
- **English Through Literature - Offered to I and II year B.A. / B.Sc. students.**
 - **Foundation Course in English – Offered to I year B.Com. / B.Com. Bank Management / B.C.A. students.**
6. Number of teaching posts sanctioned and filled (Professors/Associate Professors/ Asst. Professors)

	Sanctioned	Filled
Professors	--	--
Associate Professors	--	--
Assistant Professors	24	24

7. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.,)

S. No.	Name	Designation	Specialization	No. of Years of Experience	No. of Ph.D. Students guided for the last 4 years
1.	Mrs. Jeyanthii Ravichandran	Head	Indian English Literature	18	--
2.	Mr. V.R.Suresh Kumar	Asst. Prof.	20 th century American Literature	22	--
3.	Mr. A. Rayappan	Asst. Prof.	American Literature	16	--
4.	Mrs. T. Jackuline Suganthi	Asst. Prof.	Linguistics, Indian Writing in English	24	--
5.	Mrs. X. Ann Lanka Jeyadharashni	Asst. Prof.	Post-colonial Literature, Linguistics.	11	--
6.	Mrs. J. P. Ida Joicey	Asst. Prof.	American Literature, History of English Literature	10	--
7.	Mr. Alexis Dayanandane	Asst. Prof.	Indian English Literature	08	--
8.	Mr. A. Selvanathan	Asst. Prof.	American Literature	09	--
9.	Mrs. M. A. Mary	Asst. Prof.	Indian English Literature.	06	--
10.	Mr. E. Arockiadoss	Asst. Prof.	Indian English Literature	06	--
11.	Mrs. P. Ananthi	Asst. Prof.	Indian Writing Feminism, Linguistics.	05	--
12.	Mrs. R. Sadhana	Asst. Prof.	Indian English Literature, British Fiction	05	--
13.	Mrs. A. Alphonsa	Asst. Prof.	American Literature	03	--
14.	Mrs. R. Malar Vizhi	Asst. Prof.	Indian Writing in English, American Literature	03	--
15.	Mrs. A. Julie	Asst. Prof.	American Literature	02	--

16.	Mrs. S. Umamageswari	Asst. Prof.	American Literature	05	--
17.	Mrs. P. Indhu Sakthi	Asst. Prof.	Drama, Criticism & Canadian Literature	02	--
18.	Mrs. T. Shalini	Asst. Prof.	American Literature	06	--
19.	Mrs. P. Sophia Morais	Asst. Prof.	Literary Theory, Translation Studies.	04	--
20.	Ms. M. Janet Jonitha	Asst. Prof.	Comparative Literature	01	--
21.	Ms. K. Padmapriya	Asst. Prof.	French Literature	6 months	--
22.	Ms. K. GnanaSoundari	Asst. Prof.	British Literature	6 months	--
23.	Mrs. G. Jothilakshmi	Asst. Prof.	Indian Literature	6 months	--
24.	Mr. A. Immanuel Sagaya Selvan	Asst. Prof.	American Literature	4Years 1 month	--
25.	Mr. A. Pradhap	Asst. Prof	Indian English Literature	1 month	--

8. Percentage of classes taken by temporary faculty – programme-wise information

Nil

9. Programme-wise Student Teacher Ratio-

Name of the Programme	Student teacher Ratio
B.A. English literature	70:1
M.A. English literature	39:1
M.Phil.	5:1

10. Number of academic support staff (technical) and administrative staff: sanctioned and filled

Nil

11. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Mention names of funding agencies and grants received project-wise.

Nil

12. Departmental projects funded by DST-FIST; DBT, ICSSR, etc.; total grants received

Nil

13. Research facility / centre with –Centre for M.Phil., Research Scholars of our College-
- state recognition - Nil
 - national recognition - Nil
 - international recognition - Nil

14. Publications:

- Number of papers published in peer reviewed journals (national /International) – 45

S. No.	Name of the Staff	No. of Papers Published
1.	Mrs. Jeyanthii Ravichandran	1
2.	Mr. V.R.Suresh Kumar	5
3.	Mr. A. Rayappan	1
4.	Mrs. T. Jackuline Suganthi	4
5.	Mrs. X. Ann Lanka Jeyadharashni	4
6.	Mrs. J. P. Ida Joicey	4
7.	Mrs. R. Sadhana	2
8.	Mrs. A. Julie	3
9.	Mrs. S. Umamageswari	4
10.	Mrs. P. Indhu Sakthi	4
11.	Mrs. T. Shalini	3
12.	Mrs. P. Sophia Morais	6
13.	Ms. M. Janet Jonitha	2
14.	Mrs. G. Jothilakshmi	2

- Monographs - Nil
- Chapter(s) in Books

Sl. No.	Staff name	Title of the Book	Name of the publisher and Place	Year	ISBN
1	Mr. A. Rayappan	Bridge Course	Vijay Nicole Imprints Pvt. Ltd., Chennai	2011	978-81-8209-305-8
2	Mrs. T. Jackuline Suganthi	Bridge Course	Vijay Nicole Imprints Pvt. Ltd., Chennai	2011	978-81-8209-305-8
3	Mrs. X. Ann Lanka Jeyadharshini	Bridge Course	Vijay Nicole Imprints Pvt. Ltd., Chennai	2011	978-81-8209-305-8
4	Mrs. P. Ida Joicey	Bridge Course	Vijay Nicole Imprints Pvt. Ltd., Chennai	2011	978-81-8209-305-8
5	Mr. A. Joseph Raj	Bridge Course	Vijay Nicole Imprints Pvt. Ltd., Chennai	2011	978-81-8209-305-8

- Editing Books

Sl. No.	Staff name	Title of the Book	Name of the publisher and Place	Year	ISBN
1	Mrs. Jeyanthii Ravichandran	Bridge Course	Vijay Nicole Imprints Pvt. Ltd., Chennai	2011	978-81-8209-305-8
2	Mr. V. R. Suresh Kumar	Bridge Course	Vijay Nicole Imprints Pvt. Ltd., Chennai	2011	978-81-8209-305-8

- Books with ISBN numbers with details of publishers - **Nil**
- Number listed in International Database (For *e.g.* Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.) - **Nil**
- Citation Index – range / average - **Nil**
- SNIP - **Nil**
- SJR - **Nil**
- Impact factor – range / average - **Nil**
- h-index - **Nil**

15. Details of patents and income generated
Nil

16. Areas of consultancy and income generated
Not Applicable

17. Faculty recharging strategies

- **Staff Orientation Programme conducted by the institution.**
- **The members of the staff are encouraged to participate / present papers in the Seminars / Conferences / Staff Development Programme organised by other institutions.**

Papers Presented			Staff Development Programme / Training		Seminar Attended		Workshop Attended	
Inter-national	National	State	Within the College	Outside the College	Inter-national	National	Inter-national	National
4	56	4	3	1	3	23	0	9

18. Student projects

- percentage of students who have done in-house projects including inter-departmental
II PG & M.Phil., Scholars have project work in the end semester-100%
- percentage of students doing projects in collaboration with industries / institutes
Nil

19. Awards / recognitions received at the national and international level by

○ Faculty

Sl. No.	Name	Awards/Recognitions Received
1.	Mrs. Jeyanthii Ravichandran	i. President's Medal (2013) for exemplary service in Home Guards. ii. Was selected as one out of four representatives from Tamil Nadu to undergo a workshop for the amendment of laws in the Indian constitution.

○ Doctoral / post doctoral fellows - **Nil**

○ Students

S.No.	Name	Date	Awards/Recognitions received
1.	P. Patcy Mary (2014-2017)	02-10-2014	Cash award - in view of Gandhi Jayanthi celebrations His Excellency Shri. K. Rosaiah, Governor of Tamil Nadu
2.	J. Pravin Kumar (2013-2016)	28-09-2015	Winner in the elocution contest conducted by the Forest Department
3.	M. Sridhar (2013-2016)	28-09-2015	Winner in the elocution contest conducted by the Forest Department

20. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.

S. No.	Seminar	Seminar Title	Chair Persons	Date	Source of Funding
1.	State Level Students Seminar	Mirror	<p>Dr. L. Kulanthai Teresa Fatima, Associate Professor, C.Kandaswami Naidu College for Women, Cuddalore.</p> <p>Dr. Kalpalatha, Associate Professor, C.Kandaswami Naidu College for Women, Cuddalore.</p> <p>Dr. Ravi, Associate Professor, Periyar Govt. Arts college, Cuddalore.</p> <p>Dr. Adinarayanan, Associate Professor, Vivekanandha Arts & Science College, Villupuram.</p> <p>Mrs. Alice Mathai Assistant Professor, St. Joseph’s College of Arts & Science, Cuddalore.</p>	22.02.2016	Intra-mural

21. Student profile course-wise:

UG

Name of the Course	Academic Year	Applications Received	Selected		Pass Percentage
			Male	Female	
B.A English	2011-2012	325	65	247	88.89
	2012-2013	310	55	243	73.61
	2013-2014	300	41	206	68.18
	2014-2015	300	50	210	72.31
	2015-2016	330	38	236	76.12

PG

Name of the Course	Academic Year	Applications Received	Selected	Pass Percentage
M.A English	2011-2012	40	16	92.50
	2012-2013	50	44	87.50
	2013-2014	50	42	66.67
	2014-2015	50	39	95.25
	2015-2016	50	40	85.00

M.Phil.

Name of the Course	Academic Year	Applications Received	Selected	Pass Percentage
M.Phil. English	2013-2014	20	13	98
	2014-2015	20	20	100
	2015-2016	20	16	--

22. Diversity of Students

Name of the Course (refer question no. 2)	% of students from the College	% of Students from the State	% of students from other States	% of Students from other Countries
I UG	-	85%	15%	Nil
I PG	60%	99%	01%	Nil
II PG	60%	98%	02%	Nil
M.Phil	50%	99%	01%	Nil

23. How many students have cleared Civil Services, Defense Services, NET, SLET, GATE and any other competitive examinations?

S. No.	Name	Exams Cleared
1.	Ms. Naomizara (2009-2012)	NET
2.	Mr. Kumaran (2009-2012)	NET

24. Student progression

Student progression	Percentage against enrolled
UG to PG	60%
PG to M.Phil.	50%
PG to Ph.D.	--
Ph.D. to Post-Doctoral	--
Employed <ul style="list-style-type: none"> • Campus selection • Other than campus recruitment 	40%
Entrepreneurs	Nil

25. Diversity of staff

Percentage of faculty who are graduates of the same parent university	20%
From other universities within the State	40%
From other universities from other State	40%

26. Number of faculty who were awarded Ph.D., D.Sc. and D.Litt. during the assessment period.
NIL

27. Present details about infrastructural facilities

- a. Library – Dept. library is maintained
No. of books - **267**
- b. Internet facilities for staff and students - **No**
- c. Total number of class rooms - **9**
- d. Class rooms with ICT facility - **Nil**
- e. Students’ laboratories - **Language lab available**
- f. Research laboratories - **Nil**

28. Number of students of the department getting financial assistance from College.

S. No.	Year	No. of Students	Amount
1	2011 – 2012	211	3,98,000
2	2012 – 2013	257	5,87,289
3	2013 – 2014	227	5,78,268
4	2014 – 2015	141	3,97,085
5	2015 - 2016	180	5,72,064

29. Was any need assessment exercise undertaken before the development of new program(s)? If so, give the methodology.
Nil

30. Does the department obtain feedback from

- a. faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize it?
Informal input by the staff during Board of Studies meet.
- b. students on staff, curriculum as well as teaching-learning-evaluation and what is the response of the department to the same?
Done by IQAC.
- c. alumni and employers on the programmes and what is the response of the department to the same?
Done by IQAC.

31. List the distinguished alumni of the department (maximum 10)

Sl. No.	Name	Batch	Course	Designation	Place Where Employed
1	R. Sadhana	2013-2014	M.Phil.	Asst. Prof.	St. Joseph's College of Arts & Science (Autonomous), Cuddalore-1
2	P. Indhu Sakthi	2013-2014	M.Phil.	Asst. Prof.	St. Joseph's College of Arts & Science (Autonomous), Cuddalore-1
3	T. Abirami	2014-2015	M.Phil.	Asst. Prof.	Krishnasamy College, Cuddalore.
4	K. Gnanasoundari	2014-2015	M.Phil.	Asst. Prof.	St. Joseph's College of Arts & Science (Autonomous), Cuddalore-1
5	Ms. Shalini	2012-2014	P.G.	Asst. Prof.	PSBB School, Puducherry.
6	K. Padmapriya	2014-2015	M.Phil.	Asst. Prof.	St. Joseph's College of Arts & Science (Autonomous), Cuddalore-1
7	A. Pradhap	2014-2015	M.Phil.	Asst. Prof.	St. Joseph's College of Arts & Science (Autonomous), Cuddalore-1
8	S. Suresh Krishna	2008-2011	U.G.	Teacher	Govt. School, Chidambaram
9	M. Janet Jonitha	2013-2014	M.Phil.	Asst. Prof.	St. Joseph's College of Arts & Science (Autonomous), Cuddalore-1
10	A. Julie	2013-2014	M.Phil.	Asst. Prof.	St. Joseph's College of Arts & Science (Autonomous), Cuddalore-1

32. Give details of student enrichment programmes (special lectures / workshops / seminar) with external experts. –

Sl. No.	Name of the External Expert	Date	Title of the Guest Lecture
1.	Dr. L.Kulandai Teresa Fatima	07-08-2014	Trends in English Literature
2.	Dr. M.A. Md. Yasin, E.I.D. Parry, Nellikuppam.	28-09-2015	Greek Tragedies
3.	Dr. M.A. Md. Yasin, E.I.D. Parry, Nellikuppam.	09-02-2016	Shakespearean Plays

33. List the teaching methods adopted by the faculty for different programmes.
**UG lecture method,
 PG and M.Phil - Lecture method, Workshop and Seminar**
34. How does the department ensure that programme objectives are constantly met and learning outcomes monitored?
Through the feedback given by the passed out students.
35. Highlight the participation of students and faculty in extension activities.
UG students teach grammar to the high school students of Government Girls Higher Secondary School, Pooranankuppam, Puducherry.
36. Give details of “beyond syllabus scholarly activities” of the department.
Participation in National level Seminars and Presenting/Publishing Papers.
37. State whether the programme/ department is accredited/ graded by other agencies. Give details.
Nil
38. Detail any five Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department

Strength

1. Team Work.
2. Each member of the staff is considerate towards the students.
3. Monitoring the truants to check& reduce the number of absentees.
4. A language lab exclusively for the students of Literature.
5. Bridge course programme - Orientation in English given to the freshers every year.
6. Conducting creative writing competitions and seminars periodically.

Weaknesses

1. Students hailing from a rural background receive English as a Foreign Language and this is a mounting barrier in the process of Learning.

Opportunities

1. To impart education, promote communication and shape up an integral personality.
2. Motivating students to participate in seminars and workshops at the national level.
3. To offer diploma courses.

Challenges

1. Enabling the students to speak in English is the biggest challenge as most of the students hail from rural educational background.

39. Future plans of the department.

To encourage students take up new and challenging research projects at the P.G. and M.Phil. level.

DEPARTMENT OF TAMIL

1. Name of the Department & its year of establishment
Department of Tamil
Year of Establishment : 1991
2. Names of Programmes / Courses offered
Nil
3. Interdisciplinary courses and departments involved
Nil
4. Annual/ semester/choice based credit system
Semester system with CBCS
5. Participation of the department in the courses offered by other departments
 - **To all under graduate students as language course.**
 - **Basic Tamil has been offered to Non-Tamil students.**
6. Number of teaching posts sanctioned and filled (Professors/Associate Professors/ Asst. Professors)

	Sanctioned	Filled
Professors	--	--
Associate Professors	--	--
Asst. Professors	11	11

7. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.,)

Sl. No.	Name of the Staff	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. Students guided for the last 4 years
1	Dr. M. Vanathaian	M.A., Ph.D.,	HOD. Asst. Prof.	Sangam Literature & Comparative Study of Bakthi Ilakiyam	15	1
2	Dr. A. Annammal	M.A.,M.Ed., M.Phil., Ph.D.,	Asst. Prof.	Ilakiyam & Modern Literature	17	-
3	Dr. A. Soussitra	M.A., M.Phil., Ph.D.,	Asst. Prof.	Sangam Literature & Christian Literature	12	-
4	Dr. P. Suthigara Mary	M.A.,B.Ed., M.Phil., Ph.D.,	Asst. Prof.	Tamil History & Christian Literature	11	-

5	Mr. S. Arockia Doss	M.A., M.Ed., M.Phil., M.L.I.S., M.A.,(His)	Asst. Prof.	Modern Literatue	9	-
6	Mrs. F. Christy Belina	M.A., M.Phil., NET.,	Asst. Prof.	Christian Literature	9	-
7	Mrs. J. Devasena	M.A., B.Ed., M.Phil.	Asst. Prof.	Sangam Literature Epics	8	-
8	Mrs. A. Madeline	M.A., M. Phil.	Asst. Prof.	Modern Literatue	8	-
9	Mrs. A Gracy Janova	M.A., B.Ed., M. Phil.	Asst. Prof.	Sangam Literature	5	-
10	Miss. S. Leema	M.A., B.Ed., M.Phil.	Asst. Prof.	Sangam Literature	5	-
11	Miss. J. Rita Mary	M.A., M.A., M.Ed., M.Phil.	Asst. Prof.	Christian Literature	4	-

8. Percentage of classes taken by temporary faculty - programme-wise information
Nil
9. Programme-wise Student Teacher Ratio
Nil
10. Number of academic support staff (technical) and administrative staff: sanctioned and filled
Nil
11. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Mention names of funding agencies and grants received project-wise.
Nil
12. Departmental projects funded by DST-FIST; DBT, ICSSR, etc.; total grants received
Nil
13. Research facility / centre with
 - state recognition - **Nil**
 - national recognition - **Nil**
 - international recognition - **Nil**
14. Publications:
 - number of papers published in peer reviewed journals (national / International) - **112**
 - Monographs - **Nil**
 - Chaper(s) in Books - **Nil**

- Editing Books - 3

S. No.	Staff Name	Title	Publisher	Year
1.	Dr. M. Vanathaian	Text Book for Tamil Language (I Year B.A. / B.Sc.)	St. Joseph's College Cuddalore	2015
2.	Dr. M. Vanathaian	Text Book for Tamil Language (I Year B.Com. / B.Com. Bank Mgt. / B.C.A.)	St. Joseph's College Cuddalore	2015
3.	Dr. M. Vanathaian	Text Book for Tamil Language (I Year B.A. / B.Sc.)	St. Joseph's College Cuddalore	2016

- * Books with ISBN numbers with details of publishers - Nil
- * number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.) - Nil
- * Citation Index – range / average - Nil
- * SNIP - Nil
- * SJR - Nil
- * Impact factor – range / average - Nil
- * h-index - Nil

15. Details of patents and income generated
Nil

16. Areas of consultancy and income generated
Nil

17. Faculty recharging strategies
The Department encourages the staff to participate in the seminars / workshops / conferences, Staff Development Programme conducted by other colleges.

Papers Presented		Staff Development Programme / Training		Seminar Attended		Workshop Attended	
Inter-national	National	Within the College	Outside the College	Inter-national	National	Inter-national	National
58	44	3	1	56	44	-	8

18. Student projects
- Percentage of students who have done in-house projects including inter-departmental
Nil
 - Percentage of students doing projects in collaboration with industries/institutes
Nil

19. Awards / recognitions received at the national and international level by

o Faculty

S. No.	Name	Award	Award by
1.	Dr. P. Suthigara Mary	1. Kavi Thilagam	Solai Pathipagam
		2. Intamil Iniyar	Solai Pathipagam
		3. Bharathi Kavi Selvar	Solai Pathipagam
		4. Sirantha Kavithaiyaalar	Puducherry Arasu Kalai Panpattu Thurai, Puducherry
		5. Sirantha Penmani	Ilkiya Jothi
		6. Kathai Aaivu Sudar	Kongu Nadu Arts & Science College, Coimbatore
		7. Senthamizh Thilagam	Tamizh Aiya Kalvi Kazhgam
2.	Mrs. F. Christy Belina	Kathai Aaivu Sudar	Kongu Nadu Arts & Science College, Coimbatore
3.	Mrs. J. Devasena	1. Sithandha Rathinam	Saiva Siddhandha Kazhagam, Thiruvavaduthurai
		2. Kathai Aaivu Sudar	Kongu Nadu Arts & Science College, Coimbatore

o Doctoral / post doctoral fellows - **Nil**

o Students - **Nil**

20. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.
Nil

21. Student profile course-wise:
Not Applicable

22. Diversity of Students
Not Applicable

23. How many students have cleared Civil Services, Defense Services, NET, SLET, GATE and any other competitive examinations?

Nil

24. Student progression

Not Applicable

25. Diversity of staff

Percentage of faculty who are graduates	
of the same parent university	-
from other universities within the State	72.72 %
from other universities from other States	27.27%

26. Number of faculty who were awarded Ph.D., D.Sc. and D.Litt. during the assessment period.

Nil

27. Present details about infrastructural facilities

- a. Library

110 books on different titles are available with the department for instant access by the staff and students.

- b) Internet facilities for staff and students

Nil

- c) Total number of class rooms

Nil

- d) Class rooms with ICT facility

Nil

- e) Students' laboratories

Nil

- f) Research laboratories

Nil

28. Number of students of the department getting financial assistance from College.

Not Applicable

29. Was any need assessment exercise undertaken before the development of new program(s)? If so, give the methodology.

Nil

30. Does the department obtain feedback from
- faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize it?
Nil
 - students on staff, curriculum as well as teaching-learning-evaluation and -what is the response of the department to the same?
Through IQAC.
 - alumni and employers on the programmes and what is the response of the department to the same?
Through IQAC.
31. List the distinguished alumni of the department (maximum 10)
Nil
32. Give details of student enrichment programmes (special lectures / workshops / seminar) with external experts.

Sl. No.	Lecture / Workshop / Seminar	Date of Conduct	Resource Person / External Expert
1	Ilakkiya inbam	12.07.2011	Mrs. Devamohana
2	Pattimantram (Shift-1)	25.08.2011	Dr. P. Suthigara Mary St. Joseph's College, Cuddalore.
3	Pattimantram (Shift-2)	25.08.2011	Dr. Soussitra St. Joseph's College, Cuddalore.
4	Ikkaala Illakkiyathin Pokkugal	25.07.2012	Dr. S. Maha Vishnu A.A. Govt. Arts College, Villupuram.
5	Swamy Vivekananthar	16.10.2012	Mr. K. Kennedy Executive Engineer NLC, Neyveli.
6	Kaviyarangam	22.10.2012	Dr. M. Vanathaiyan & Mrs. F. Christy Belina St. Joseph's College, Cuddalore.
7	Accupuncture	25.07.2015	Dr. K. Kumaravel
8	Kural Kattum Vazhviyal	29.07.2015	Mr. S. Ilango Professor of Tamil, Periyar Arts College, Cuddalore.
9	Pechupattarai	31.08.2015	Dr. V. Panneer Selvam Assistant Professor of Tamil Periyar Arts College, Cuddalore.
10	Kaviyarangam	19.12.2015	Dr. N. Danarasan Professor of Tamil, Govt. College, Mannargudi.

33. List the teaching methods adopted by the faculty for different programmes.
Chalk and Talk, Lecture method, Seminars, Students Seminars, Case Study.
34. How does the department ensure that programme objectives are constantly met and learning outcomes monitored?
To monitor learning outcome continuous assessment tests are conducted.
35. Highlight the participation of students and faculty in extension activities.
Nil
36. Give details of “beyond syllabus scholarly activities” of the department.
Speech, Poem, Drawing, Handwriting and, Training on Art out of Waste.

Sl. No.	Place	Extension Activity	Date
1.	Thiruvathigai	Field Trip	27.01.2016

37. State whether the programme/ department is accredited/ graded by other agencies. Give details.
Nil
38. Detail any five Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department
- Strength**
- Unity among staff.
 - Department provides opportunity to go beyond the syllabus and equip the students with managerial skills and abilities.
 - Dedicated professors.
- Weakness**
- Non availability of Journals.
 - No laboratory facilities.
 - No separate courses on Tamil literature are available.
- Opportunities**
- To design short term job oriented courses for students and working professionals
 - To have exchange programmes.
 - To organize meetings / invited talks for all.
 - To conduct literature based programmes.
- Challenges**
- To sustain the habit of extra reading among the students.
 - To attract students towards literature / grammar based subjects.
39. Future plans of the department
- **To start B.A., M.A. Tamil**
 - **To start diploma courses in Tamil**
 - **To start diploma courses in Journalism**

DEPARTMENT OF HISTORY

1. Name of the Department & its year of establishment

PG and Research Department of History

Year of establishment 1993

2. Names of Programmes / Courses offered

- **B.A. History**
- **M.A. History**
- **M.Phil. History**
- **Ph.D. History**

3. Interdisciplinary courses and departments involved

Course	Subject	Department Involved
B.A. History	Value Education	Psychology
B.A. History	Personality Development	Psychology
B.A. History	Tamil Nadu Economy	Economics
B.A. History	Indian Economic Planning and Policy	Economics
B.A. History	Indian Macro Economic Environment	Economics
B.A. History	International Economics	Economics
B.A. History	Environmental Science	Zoology

4. Annual/ semester/choice based credit system

Semester - Choice Based Credit System

5. Participation of the department in the courses offered by other departments

Human Rights to all II year P.G. Students

6. Number of teaching posts sanctioned and filled (Professors/ Associate Professors/ Asst. Professors)

	Sanctioned	Filled
Professors	-	-
Associate Professors	-	-
Asst. Professors	4	4

7. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.,)

Sl. No.	Name	Qualification	Designation	Specialization	No. of years of Experience	No. of Ph.D. students guided for the last 4 years
1.	Dr. S. Chinnapan	M.A., M.Phil., Ph.D.,	Principal & HOD of History	Historiography	25	5
2.	Mr. M. Jeyaraj	M.A., M.Phil.	Assistant Professor	Europe History constitutional History of India	11	-
3.	Dr. P. Sindu	M.A., .Phil., Ph.D.,	Assistant Professor	History of Greece, History of USA	2	-
4.	Dr. K. Karthikeyan	M.A., M.Phil., Ph.D.,	Assistant Professor	History of Tamil Nadu National Movement in India	5 months	-

8. Percentage of classes taken by temporary faculty - programme-wise information
Nil

9. Programme-wise Student Teacher Ratio
B.A. History - 37:1

10. Number of academic support staff (technical) and administrative staff: sanctioned and filled
Nil

11. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Mention names of funding agencies and grants received project-wise.
Nil

12. Departmental projects funded by DST-FIST; DBT, ICSSR, etc.; total
Nil

13. Research facility / centre with
- state recognition - **Nil**
 - national recognition - **Nil**
 - international recognition - **Nil**

14. Publications

- * number of papers published in peer reviewed journals (national / international) - **7**
- * Monographs - **Nil**
- * Chapter(s) in Books - **Nil**

- * Editing Books - Nil
- * Books with ISBN numbers with details of publishers - Nil
- * Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.) - Nil
- * Citation Index - range / average - Nil
- * SNIP - Nil
- * SJR - Nil
- * Impact factor - range / average - Nil
- * h-index - Nil

15. Details of patents and income generated
Nil

16. Areas of consultancy and income generated
Nil

17. Faculty recharging strategies

- **The members of the staff are encouraged to participate / present papers in the Seminars / Conferences / Staff Development Programme organized by other institutions.**

Papers Presented		Staff Development Programme / Training		Seminar Attended		Workshop Attended	
Inter-national	National	Within the College	Outside the College	Inter-national	National	Inter-national	National
3	10	-	1	-	10	1	2

18. Student projects

- * percentage of students who have done in-house projects including inter-departmental
 - M.A. History - 100%**
 - M.Phil. - 100%**
- * percentage of students doing projects in collaboration with industries /institutes
Nil

19. Awards / recognitions received at the national and international level by

- * Faculty - Nil
- * Doctoral / post doctoral fellows - Nil
- * Students - Nil

20. Seminars/ Conferences/Workshops organized and the source of funding (national /international) with details of outstanding participants, if any.

Sl. No.	Title of the Seminars / Conferences / Workshops	Date	Level	Outstanding Participants
1.	International Conference on Emerging Trends and Prospects in Historiography	23-03-2013	International	<p>Dr. N. Rajendran Dean of Arts, Professor and Head, Department of History, Bharathidasan University, Tiruchirappalli</p> <p>Dr. G. Venkataraman Professor and Head, Department of Indian History, University of Madras, Chennai</p> <p>Dr. Ravi Vaitheespara Associate Professor in History, University of Manitoba Winnipeg, Canada</p> <p>Dr. G. J. Sudhakar Associate Professor in History, Loyola College (Autonomous), Chennai</p> <p>Dr. A. Karunakaran Professor (Rtd.), Vivekananda College, Chennai</p> <p>Dr. S. S. Sundaram Associate Professor, Department of Indian History, University of Madras, Chennai</p> <p>Dr. R. Sthanislaus Associate Professor of History Govt. Arts College, Thiruvannamalai</p> <p>Dr. V. Thirumurugan Associate Professor in History, Annamalai University, Chidambaram</p> <p>Dr. Anuzsiya Senathirajan Senior Lecturer in History, Faculty of Arts and Culture, South Eastern University of Sri Lanka, Sri Lanka</p>
2	Twenty first Annual Session of the Tamil Nadu History Congress	26-09-2014 to 28-09-2014	National	<p>Dr. G. Viswanathan Vice-Chancellor, Tamil Nadu Teachers Education University, Chennai</p> <p>Dr. N. Rajendran Dean of Arts, Professor and Head, Department of History, Bharathidasan University, Tiruchirappalli</p> <p>Prof. P. Jagadeesan Former Vice-Chancellor, Bharathidasan University, Tiruchirappalli</p>

				<p>Dr. S. Ganesh Ram Registrar, Tamil University, Tanjore</p> <p>Dr. A. Karunakaran Professor (Rtd.), Vivekananda College, Chennai</p> <p>Dr. H. Munavarjan Associate Professor of History C. Abdul Hakeem College, Melvisharam</p> <p>Dr. N. Alagappan Former Professor and Head, Department of History Annamalai University, Chidambaram</p> <p>Dr. Y. Subbarayalu Head, Department of Indology French Institute Puducherry</p>
3	Symposium on History of a Colonial City Cuddalore : Its trade policy and heritage	30-01-2015	National	<p>Dr. V. Thirumurugan Associate Professor of History, Annamalai University, Chidambaram.</p>
4	Symposium on Saints of Cuddalore Region	06-01-2016 & 07-01-2016	National	<p>Dr. H. Munavarjan Syndicate member, Thiruvalluvar University, Vellore.</p>

21. Student profile course-wise:

Name of the Course (refer question no. 2)	Application received	Selected		Pass percentage	
		Male	Female	Male	Female
2011-2012	70	45	-	80%	-
2012-2013	120	40	-	83%	-
2013-2014	130	48	-	100%	-
2014-2015	120	67	-	92%	-
2015-2016	115	76	-	78%	-

22. Diversity of Students

Name of the Course (refer question no. 2)	% of students from the college	% of students from the state	% of students from other States	% of students from other countries
B.A. History	-	86%	14%	-
M.A. History	-	-	-	-

23. How many students have cleared Civil Services, Defense Services, NET, SLET, GATE and any other competitive examinations?

Nil

24. Student progression

Student progression	Percentage against enrolled
UG to PG	30%
PG to MPhil.	10%
PG to Ph.D.	--
Ph.D. to Post-Doctoral	--
Employed	
• Campus selection	--
• Other than campus recruitment	35%
Entrepreneurs	10%

25. Diversity of staff

Percentage of faculty who are graduates of	
the same parent university	-
from other universities within the State	3
from other universities from other States	1

26. Number of faculty who were awarded Ph.D., D.Sc. and D.Litt. during the assessment period.

Nil

27. Present details about infrastructural facilities

- a) Library – **25 books available in the department library**
- b) Internet facilities for staff and students available - **Nil**
- c) Total number of class rooms - **6**
- d) Class rooms with ICT facility - **Nil**
- e) Student laboratories - **Nil**
- f) Research laboratories - **Nil**

28. Number of students of the department getting financial assistance from College

S. No.	Year	No. of Students	Amount
1	2011 - 2012	12	26,500
2	2012 - 2013	31	85,588
3	2013 - 2014	12	19,185
4	2014 - 2015	11	13,417
5	2015 - 2016	19	25,629

29. Was any need assessment exercise undertaken before the development of new program(s)?

Nil

30. Does the department obtain feedback from

- a. Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize it?

Nil

- b. Students on staff, curriculum as well as teaching-learning-evaluation and what is the response of the department to the same?

Feedback is collected by IQAC of the college and based on the feedback necessary changes in the curriculum, teaching-learning and evaluation is done.

- c. Alumni and employers on the programmes and what is the response of the department to the same?

Alumini meetings are conducted every year Feedback is obtained by IQAC of the college. Recommendations are forwarded to the committees for necessary action.

31. List the distinguished alumni of the department (maximum 10)

- **Mr. Baburaj** - **Lawyer, High Court, Chennai**
- **Mr. A.G.R. Sundar** - **Lawyer Association Leader, Cuddalore**
- **Mr. Vetriselvan,** - **Working in Revenue Office, Cuddalore**
- **Rev. Fr. Gananaraj (Superior)** - **Servant of Charity, Bangalore**
- **Rev. Fr. Arockiaraj (SDC)** - **Asst. Parish Priest, Dindigul**
- **Rev. Fr. Mariya Paul** - **Directorate of Gunella Media Desk, Cuddalore Parish**

32. Give details of student enrichment programmes (special lectures / workshops / seminar) with external experts. Organize seminars, workshops, extension activities

Guest Lectures organized by the department

S. No.	Date	Resource person	Topic
1	08-08-2014	Dr. N. Sethuraman Associate Professor Periyar Govt. Arts College Cuddalore	--
2	17-07-2015	Dr. G. Gouthaman All India Civil Services Coaching Centre, Chennai.	Preparation for Civil Service Examinations
3	26-09-2013	Mr. V. Rayappan Head, Department of History Periyar Govt. Arts College Cuddalore	--
4	02-01-2014	Dr. Lal Bahadur Verma Rtd. Professor Indian History Allahabad University Allahabad	History in Lives

33. List the teaching methods adopted by the faculty for different programmes.
Using LCD projector, Maps, Field Trip to Historical Places.
34. How does the department ensure that programme objectives are constantly met and learning outcomes monitored?
Conducting periodical tests, Internal Assessment, Semester Examinations.
35. Highlight the participation of students and faculty in extension activities.
Carried out Extension Work at Thiruvamur, Bhuvanagiri, Parangipet, and Tennampakkam.
36. Give details of "beyond syllabus scholarly activities" of the department.
Excursion to Historical Places, Poster Presentation, Student Seminar.
37. State whether the programme/ department is accredited/ graded by other agencies. Give details.
Nil
38. Detail any five strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department

Strength

- The first arts course started in the college.
- Many of the alumni are administrators in educational institutions.

Weaknesses

- Most of the students are from rural background and economically poor.
- Many of the students are first generation learners.

Opportunities

- To train the students to get through competitive examinations.
- Can make the course interesting by including field studies.

Challenges

- To motivate the students to score high marks.
- To make the students to learn in English.

39. Future plans of the department

- 1) **To conduct coaching classes for civil service examination.**
- 2) **To introduce B.A. History in Shift II.**
- 3) **To conduct the research oriented programme on subjects like Archeology, Art and Culture.**

DEPARTMENT OF SOCIAL WORK

1. Name of the Department & its year of establishment
PG DEPARTMENT OF SOCIAL WORK
Year of Establishment - 2012

2. Names of Programmes / Courses offered
Master of Social Work (M.S.W.)

3. Interdisciplinary courses and departments involved
Nil

4. Annual/ semester/choice based credit system
Semester with Choice Based Credit System

5. Participation of the department in the courses offered by other departments
The department handles Value Education and Personality Development courses offered by Department of Psychology to various Departments

6. Number of teaching posts sanctioned and filled (Professors/Associate Professors/ Asst. Professors)

	Sanctioned	Filled
Professors	--	--
Associate Professors	--	--
Asst. Professors	04	04

7. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.,)

S. No.	Name	Qualification	Designation	Specialization	No of Years of Experience	No. of Ph.D. Students guided for the last 4 years
1	Mrs. A. Arokia Mary	M.S.W. (HRM), NET	Assistant Professor & Head	Human Resource Management	5 Years & 8 Months	--
2	Mrs. S. Vanathi	M.S.W. (M&P)	Assistant Professor	Medical and Psychiatric	3 years & 6 Months	--
3	Mr. Durai Raj.J	M.S.W. (CD), NET, PGDRD	Assistant Professor	Community Development	2 Years & 6 Months	--
4	Mr. Robin Jayaraj S	M.S.W. (M&P)	Assistant Professor	Medical and Psychiatric	2 Months	--

8. Percentage of classes taken by temporary faculty – programme-wise information

Nil

9. Programme-wise Student Teacher Ratio:

Course	Academic Year	Student Teacher Ratio
Master of Social Work (MSW)	2012 - 13	11:1
	2013 - 14	11:1
	2014 - 15	9:1
	2015 - 16	11:1

10. Number of academic support staff (technical) and administrative staff: sanctioned and filled

Nil

11. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Mention names of funding agencies and grants received project-wise.

Nil

12. Departmental projects funded by DST-FIST; DBT, ICSSR, etc.; total grants received:

Nil

13. Research facility / Centre with
- state recognition - Nil
 - national recognition - Nil
 - international recognition - Nil

14. Publications:

- * number of papers published in peer reviewed journals (national / international) - 4
- * Monographs - Nil
- * Chapter(s) in Books - Nil
- * Editing Books - Nil
- * Books with ISBN numbers with details of publishers

S. No.	Name	Title of the Book	Year	Name of the Publisher and Place	ISBN
1	Mrs. A. Arokia Mary	Value Education Personality Enrichment and Soft Skills	2012	Vijay Nicole Imprints Private Limited, Chennai	978-81- 8209-331-7

- * number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.) - Nil
- * Citation Index – range / average - Nil
- * SNIP - Nil
- * SJR - Nil
- * Impact factor – range / average - Nil
- * h-index - Nil

15. Details of Patents and income generated:
Nil

16. Areas of consultancy and income generated:

- Mr. Durai Raj is a Project Consultant to The Society of the Servants of Charity, Cuddalore since 2013.

17. Faculty recharging strategies

- **Motivating the faculty to participate in the Workshop and Seminar and to present papers.**

Papers Presented		Staff Development Programme / Training		Seminar Attended		Workshop Attended	
Inter-national	National	Within the College	Outside the College	Inter-national	National	Inter-national	National
2	7	4	-	9	11	-	4

18. Student projects

- percentage of students who have done in-house projects including inter-departmental - **100%**
- percentage of students doing projects in collaboration with industries / institutes - **Nil** -

19. Awards / recognitions received at the national and international level by

- Faculty

- Recognitions Received:

S. No.	Name of the Faculty	Name of the Fellowship/ Award Received	Year	Venue
1	Mrs. A. Arokia Mary	Resource Person for the Training Programme for Friends of Police in Cuddalore District	Since 2013	District Police Office, Cuddalore

- Doctoral / post-doctoral fellows – **Nil**
- Students

S. No.	Name of the Student	Name of the Award Received	Level	Year
1	Suganya. R (A12MSW18)	Bronze Medal at International Regatta for Rowing, Philippines	International	2012-13

20. Seminars/ Conferences/Workshops organized and the source of funding (National / International) with details of outstanding participants, if any.

S. No.	Title of Seminar/Workshop/Conference	Level	Date of Conduct	Source of Funding
1	Workshop on “Growing distance between Families”	State Level	23.02.2013	Internal Funding
2	Workshop on “Impact of Social Networking among youth”	National Level	26.09.2013	Internal Funding
3	National level workshop on Research methods using SPSS	National Level	13-14 th February	Internal Funding
4	Seminar on Harassment against Women and Transgender	State Level	08.10.2015	Internal Funding
5	National Level Social Media Talent Expo among College students	National Level	26.02.2016	Internal Funding

21. Student profile course-wise:

Name of the Course (refer question no. 2)	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
MSW					
For the year 2012	22	07	09	30.32	55.13
For the year 2013	17	09	07	33.64	30.51
For the year 2014	12	10	02	61.45	30.20
For the year 2015	36	12	18	25.80	38.71

22. Diversity of Students

Name of the Course (refer question no. 2)	% of students from the college	% of students from the state	% of Students from other States	% of students from other countries
For the year 2012	43.75	54.56	1.68	--
For the year 2013	43.75	54.56	1.68	--
For the year 2014	58.33	40.82	0.83	--
For the year 2015	70.96	28.73	0.29	--

23. How many students have cleared Civil Services, Defense Services, NET, SLET, GATE and any other competitive examinations?

Nil

24. Student progression

Student progression	Percentage against enrolled
UG to PG	--
PG to M.Phil	--
PG to Ph.D	--
Ph.D. to Post-Doctoral	--
Employed	
Campus Selection	Nil
Other than Campus Recruitment	
For the year 2012	87.5
For the year 2013	87.5
Entrepreneurs	
For the year 2012	6.5

25. Diversity of staff

Percentage of faculty who are graduates of

The same parent university	:	Nil
From other universities within the State	:	100%
From other universities from other States	:	Nil

26. Number of faculty who were awarded Ph.D., D.Sc. and D.Litt. during the assessment period.

Nil

27. Present details about infrastructural facilities

- a) Library - **Available**
 No. of books available in the library - 27
- b) Internet facilities for staff and students - **Nil**
- c) Total number of class rooms - **2**
- d) Class rooms with ICT facility - **Nil**
- e) Students' laboratories - **Nil**
- f) Research laboratories - **Nil**

28. Number of students of the department getting financial assistance from College.

S. No.	Year	No. of Students	Amount
1	2012 – 2013	13	63,750
2	2013 – 2014	16	60,875
3	2014 – 2015	7	23,600
4	2015 - 2016	9	38,625

29. Was any need assessment exercise undertaken before the development of new program(s)? If so, give the methodology.

Nil

30. Does the department obtain feedback from

a. Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize it?

It was discussed in the staff meeting and the same has been forwarded to Board of Studies.

b. Students on staff, curriculum as well as teaching-learning-evaluation and what is the response of the department to the same?

Nil

c. Alumni and employers on the programmes and what is the response of the department to the same?

Feedback has been collected from the alumni and steps have been initiated to implement the relevant suggestions given by them.

31. List the distinguished alumni of the department (maximum 10)

S. No.	Name of the Student	Organization	Designation	Location
1	Sankar. T	JIPMER Hospital, Regional Cancer Centre	Medical Social Worker	Puducherry
2	Ethiraj	Ethis Body Fitting Centre (Entrepreneur)	Entrepreneur & Film Actor	Cuddalore
3	Janarthanan	Mahatma Gandhi Medical College and Hospital	Medical Social Worker, Dept. of Community Medicine	Puducherry
4	Jenifer	Pondicherry Multipurpose Social Service Society	Social Worker	Puducherry
5	Naganandhini	Aarupadai Veedu Medical College and Hospital	Medical Social Worker	Puducherry
6	Nivethitha Mary	Avanz Engg. Pvt. Ltd.	HR & Admin Executive	Chennai

7	Rajalakshmi. R	Kirubalaya	Social Worker	Puducherry
8	Sasikala. S	Azur Technology	HR & Admin Executive	Chennai
9	Savari Raj. A	Royal Export	HR Executive	Bangalore
10	Ganesan. M	Srinivana Electro Company	Supervisor	Hosur

32. Give details of student enrichment programmes (special lectures / workshops / seminar) with external experts.

S. No.	Title of the Special Lectures/Workshops/Seminar	Date	Resource Persons
1	Guest Lecture on Scope and Importance of Social Workers in the present Era	17.09.2012	Fr. Stanislaus Swaminathan, Former Principal, Head, Dept. of Social Work, Sacred Heart College, Tirupathur.
2	Campaign on Gender equality (Beti Zindabad)	09.12.2013	Mr. K. Y. Babu, Programme Manager, Action aid, Chennai
3	Street theatre training for the first and second MSW students	1 st to 12 th December, 2014	Mr. Dayalan, Member of Beski Kalai Kuzhu, Kumbakonam Diocese.
4	National level workshop on Research methods using SPSS	13 th – 14 th February, 2015	Dr. Christopher, Principal, Sangamam College of Arts and Science, Gingee
5	Street theatre training for the first and second MSW students	12 th -20 th August, 2015	Mr. Dayalan, Member of Beski Kalai Kuzhu, Kumbakonam Diocese.
6	Special Lecture on Government Schemes for the Rehabilitation of the Persons with Multiple Disorders	20.01.2016	Mr. S. Gurumoorthy, Rehabilitation officer, National Institute for Empowerment of Persons with Multiple Disabilities, Chennai

33. List the teaching methods adopted by the faculty for different programmes.

- **Chalk and Talk**
- **Group Discussion**
- **Case Study narration**
- **Organizing Guest Lecture**
- **Seminar and Assignments**
- **Community Organization**

34. How does the department ensure that programme objectives are constantly met and learning outcomes monitored?
- **Creating opportunity for the students to get involved in organizing various Social Awareness and Development Programs.**
 - **Feedback and interaction from the alumni ensures that the programme objectives are constantly met and learning outcomes enable them to shine in their career.**
35. Highlight the participation of students and faculty in extension activities.
The department has undertaken a lot of extension activities in the form of community organization programme as prescribed in the curriculum. The department has encouraged the students to undertake various motivational and awareness programmes to different communities in rural background.

List of Community Organization Programme for the Academic Year 2012 – 13

Total Number of Programmes: 07

S. No.	Title of the Programme	Venue	Beneficiaries	Date	Type of Activity
1	Workshop on Emotional Binding and Mindset.	Periyakanganakuppam	Aged People	09.03.2013	Counseling
2	An Awareness Programme on Importance of Education and Career Development	Government School, Thazhanguda	School Children	09.03.2013	Creating Awareness
3	An awareness programme on Education and Hygienic Practices	Muthukrishnapuram	Children	10.03.2013	Creating Awareness
4	Workshop on Life skills take up success for School children	Annai Velankanni School, Sathankuppam	School Students	14.03.2013	Motivation
5	An awareness programme on Sports in Education and Career Development.	Government Middle School, Thottapattu	School Students	15.03.2013	Creating Awareness
6	Workshop on Global Warming and Child Rights	Government High School, Bahour	School Students	16.03.2013	Creating Awareness
7	Workshop on Transgender Rights	Government High School, Bahour	School Students	17.03.2013	Creating Awareness

List of Community Organization Programme for the Academic Year 2013 – 14

Total Number of Programmes: 12

S. No.	Title of the Programme	Venue	Beneficiaries	Date	Type of Activity
1	Awareness Programme on stress Management	Mother Theresa Matriculation School, Sathipattu	School Students	30.10.2013	Creating Awareness

2	Awareness Programme on Morality and Career Guidance	Girls Christian Higher Secondary School, Melpattampakkam	School Students	15.10.2013	Creating Awareness
3	A Seminar on Free Legal Assistance to Women	Kasthurba College for Women, Villianur	College Students	05.02.2014	Creating Awareness
4	An Awareness Programme on Organ Donation	Kandasamy Naidu College for Women, Cuddalore	College Students	10.02.2014	Creating Awareness
5	A Seminar on Emotional Intelligence for Women	Thiruvalluvar Arts and Science College, Kurinjipadi	College Students	14.02.2014	Creating Awareness
6	A Seminar on Harassment against Women	Rajiv Gandhi Arts and Science College, Thavalakuppam	College Students	26.02.2014	Creating Awareness
7	Sensitization about Transgender among MSW Students	St. Joseph's College of Arts and Science, Cuddalore	MSW Students	17.02.2014	Creating Awareness
8	A Seminar on Negative Impact of Mobile among Women	Tagore Arts College, Lawspet	College Students	06.03.2014	Creating Awareness
9	A Workshop on Attitude towards Interview	St. Joseph's College of Arts and Science, Cuddalore	College Students	22.03.2014	Motivation
10	An Awareness Programme on Behaviour Modification	Observation Home, Ariyankuppam	Children	22.03.2014	Creating Awareness
11	Sports Day and a Seminar on Positive Mental Health	Dhaya Special School, Cuddalore	MR Children	26.03.2014	Motivation
12	A Seminar on Student's Motivation to Life	Don Guanella Boys Home, Cuddalore	School Students	27.03.2014	Motivation

List of Community Organization Programme for the Academic Year 2014 – 15

Total Number of Programmes: 10

S. No.	Title of the Programme	Venue	Beneficiaries	Date	Type of Activity
1	Seminar on Agricultural Development	S.Pudhur, Cuddalore	Farmers	25.09.2014	Creating Awareness
2	Seminar on HIV/AIDS	Padalesuwarar Polytechnic College, Cuddalore	College Students	16.10.2014	Creating Awareness
3	Seminar on Women Leadership in Family	Kandhasamy Naidu College for women, Cuddalore	College Students	17.10.2014	Motivation
4	Seminar on Motivation towards Sports and Career Development	St. Joseph's College of Arts and Science, Cuddalore	College Students	28.10.2014	Motivation

5	Awareness Programme on Personality Development	Observation Home, Ariyankuppam	Children	01.11.2014	Motivation
6	Seminar on Emotional Binding	Dhaya Special School, Cuddalore	Children	20.03.2015	Motivation
7	Police Profession Orientation Programme	St. Joseph's College of Arts and Science, Cuddalore	UG Final years Students	31.03.2015	Motivation
8	Seminar on Emotional Intelligence and Motivation to Future	Central Prison, Caper Hills, Cuddalore	Prisoners	07.04.2015	Motivation
9	Competitions for the Prisoners	Central Prison, Caper Hills, Cuddalore	Prisoners	08.04.2015	Motivation
10	Seminar on Positive Mental Health	Global Trust for the Mentally Challenged	Children	10.04.2015	Motivation

List of Community Organization Programme for the Academic Year 2015 – 16

Total Number of Programmes: 05

S. No.	Title of the Programme	Venue	Beneficiaries	Date	Type of Activity
1	Career guidance and personality development for the School students	Muthaiyar Higher Secondary School, Panruti	10 th Students	12.10.2015	Motivation
2	Flood Relief Work undertaken by the department	Ayipettai Colony in Kurinjipadi Taluk	Flood affected people	12.12.2015	Relief Service
3	Flood Relied undertaken by Mr. Durai Raj through his Charitable Trust in 10 Villages of Kurinjipadi Taluk between December 2015 – January 2016.	Vazhudhalam Pattu North, Ayipettai North, Arasadi Kuppam, Kannarakaran, Thangalaikuppam, Vazhudhalam Pattu South, Arasadi kuppam Colony, Kalkunam	Flood affected people (Covered 1648 Families)	December, 2015 and January, 2016	Relief Service
4	National Level Social Media Talent expo among College Students	St. Joseph's College, Cuddalore	College students	26.02 2016	Educational
5	Seminar on Mental Health among Aged People	St. Mary's Aged Home, Cuddalore	Aged People	06.03.2016	Motivation

36. Give details of “beyond syllabus scholarly activities” of the department
Orientation about NET and SLET examination to the final year students.

37. State whether the programme/ department is accredited/ graded by other agencies. Give details.

Nil

38. Detail any five Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department

Strengths

- Commitment, Team work and hard work of the Staff members.
- Innovation in departmental activities.
- Rapport with Social work agencies in and around Puducherry and Cuddalore.
- Faculty with broad knowledge in the respective fields of Social Work.
- Students involvement and response.

Weaknesses

- Lack of awareness about Social Work professionalism among students.
- Lack of awareness about job opportunity in the field of social work.

Opportunities:

- Presence of large number of students' community.
- Availability of various organizations to acquire practical skills and to reach the excellence of profession.
- Field Work and Block Placement.

Challenges:

- Promotion of Admission.
- Poor Academic Background of the Students.
- Students from rural background.
- Implementation of Practical Component of research.
- Organizing Field Work Practicum.

39. Future plans of the department.

- **Introducing M.Phil. & Ph.D. Programme in Social Work.**

DEPARTMENT OF ECONOMICS

1. Name of the Department
DEPARTMENT OF ECONOMICS
Year of Establishment - 1991
2. Names of Programmes / Courses offered
Nil
3. Interdisciplinary courses and departments involved
Nil
4. Annual/ semester/choice based credit system
Semester - Choice based credit system
5. Participation of the department in the courses offered by other departments

Courses offered to	Allied Subject	Semester
B.Com.	Business Economics	I &II
B.Com.	Indian Economy	IV
B.Com. (Bank Management)	Business Economics	I&II
B.Com. (Bank Management)	Indian Economy	III
B.A. (History)	Tamil Nadu Economy	I
B.A. (History)	Indian Economic Planning & Policy	II
B.A. (History)	Indian Macro Economic Environment	III
B.A. (History)	International Economics	IV
M.Com.	Managerial Economics	I
M.Com.	Business Environment & policy	II

6. Number of teaching posts sanctioned and filled (Professors/Associate Professors/ Asst. Professors)

	Sanctioned	Filled
Professors	--	--
Associate Professors	--	--
Asst. Professors	3	3

7. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.,)

S. No.	Name	Qualification	Designation	Specialization	No. of Years of Experience
1.	Mrs. Alice Mathai	M.A., M.Phil., M.Ed.	Assistant Professor & Head	Micro Economics	16
2.	Mr. L. PanneerSelvam	M.A..B.Ed., M.A.,M.phil., PGDPM	Assistant Professor	Indian Economy	04
3.	Mr. Nirmalraj	M.A., M.Phil., B.Ed.	Assistant Professor	Business Economics	03

8. Percentage of classes taken by temporary faculty – programme-wise information
Nil

9. Programme-wise Student Teacher Ratio -
B.Com. - 70:1
B.Com. (Bank Management) - 65:1
B.A. (History) - 60:1
M.Com. - 30:1

10. Number of academic support staff (technical) and administrative staff: sanctioned and filled
Nil

11. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Mention names of funding agencies and grants received project-wise.
Nil

12. Departmental projects funded by DST-FIST; DBT, ICSSR, etc.; total grants received
Nil

- 13. Research facility / centre with -**Nil**
 - state recognition
 - national recognition
 - international recognition

- 14. Publications:
 - * number of papers published in peer reviewed journals (national / international) - **2**
 - * Monographs - **Nil**
 - * Chapter(s) in Books - **Nil**
 - * Editing Books - **Nil**
 - * Books with ISBN numbers with details of publishers - **Nil**
 - * number listed in International Database (For *e.g.* Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.) - **Nil**
 - * Citation Index – range / average - **Nil**
 - * SNIP - **Nil**
 - * SJR - **Nil**
 - * Impact factor – range / average - **Nil**
 - * h-index - **Nil**

- 15. Details of patents and income generated
Nil

- 16. Areas of consultancy and income generated
Nil

- 17. Faculty recharging strategies
By attending Seminars / Conferences, Refresher Courses and Workshops

Papers Presented		Staff Development Programme / Training		Seminar Attended		Workshop Attended	
Inter-national	National	Within the College	Outside the College	Inter-national	National	Inter-national	National
-	5	2	1	3	14	-	9

- 18. Student projects
 - percentage of students who have done in-house projects including inter-departmental
Nil
 - percentage of students doing projects in collaboration with industries / institutes
Nil

19. Awards/recognitions received at the national and international level
Nil
 - Faculty
 - Doctoral / post doctoral fellows
 - Students
20. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.
Nil
21. Student profile course-wise:
Not Applicable
22. Diversity of Students :
Not Applicable
23. How many students have cleared Civil Services, Defense Services, NET, SLET, GATE and any other competitive examinations?
Nil
24. Student progression
Not Applicable
25. Diversity of staff :

Percentage of faculty who are graduates	
of the same parent university	Nil
from other universities within the State	100%
from other universities from other States	--

26. Number of faculty who were awarded Ph.D., D.Sc. and D.Litt. during the assessment period.
Nil
27. Present details about infrastructural facilities
 - a) Library - **Available**
No. of books in the library : 20
 - b) Internet facilities for staff and students - **Nil**
 - c) Total number of class rooms - **Nil**
 - d) Class rooms with ICT facility - **Nil**
 - e) Students' laboratories - **Nil**
 - f) Research laboratories - **Nil**

28. Number of students of the department getting financial assistance from College.
Nil
29. Was any need assessment exercise undertaken before the development of new program(s)? If so, give the methodology.
Nil
30. Does the department obtain feedback from
- faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize it?
Faculty discuss about curriculum, teaching-learning and evaluation in staff meetings and meeting of the Board of Studies.
 - students on staff, curriculum as well as teaching-learning-evaluation and what is the response of the department to the same?
Feedback is obtained by IQAC.
 - alumni and employers on the programmes and what is the response of the department to the same?
Feedback is obtained by IQAC.
31. List the distinguished alumni of the department (maximum 10)
Not Applicable
32. Give details of student enrichment programmes (special lectures / workshops / seminar) with external experts. –Special lectures

S. No.	Guest Lecture/ Workshop	Date	External Expert
1.	Guest Lecture	05-08-2011	Mrs. Malliga Chandran Principal, Kandaswami Naidu College, Cuddalore.
2.	Guest Lecture	26-07-2012	Dr. Natrajan Professor, Pondicherry University, Puducherry
3.	Guest Lecture	22-01-2013	Dr. Shafina Banu Associate Professor & Head, Kandaswami Naidu College, Cuddalore.
4.	Guest Lecture	12-01-2015	Dr. T. Sudha Assistant Professor, Annamalai University, Chidambaram.

5.	Guest Lecture	31-08-2015	Dr. G. Ravi, Professor, Annamalai University, Chidambaram
----	---------------	------------	---

33. List the teaching methods adopted by the faculty for different programmes.-
Traditional way-Chalk &Talk, Power Point presentations, Group discussion
34. How does the department ensure that programme objectives are constantly met and learning outcomes monitored?
By continuous assessment test.
35. Highlight the participation of students and faculty in extension activities.

S. No.	Place	Extension Activity	Date
1.	Shantham special school for mentally challenged, Cuddalore.	1.General Awareness 2. Conducted Games& distributed prizes. 3. Celebrated Pongal festival by making Pongal .	12-01-2013
2.	Blind School, Cuddalore	1. Social responsibility. 2. Responsible citizen. 3. Interaction-helped to understand their intelligence, memory, good at singing, mono act & speech. 4. Distributed prizes. 5. Gave counseling. 6. Distributed fruits snacks& stationary.	13-02-2016
3.	Blind School, Cuddalore	1. Awareness on cleanliness. 2. Cleaned campus.	20-02-2016

36. Give details of “beyond syllabus scholarly activities” of the department.
Nil
37. State whether the programme/ department is accredited/ graded by other agencies. Give details.
Nil
38. Detail any five Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Strength

- Relating theory and the practical life.
- Encouraging the habit of reading newspaper among the students by way of group discussion and assignments of articles related to syllabus.

Weaknesses

- Maximum number of students are from rural areas.

Opportunities

- Students can understand economic and social issues & concepts related to National Income, Fiscal policy, and monetary policy.

Challenges

- Maximum number of students are from rural areas and Tamil medium.

39. Future plans of the department.

- **To start B.A. Economics.**

POST-ACCREDITATION INITIATIVES

The college has undergone assessment and accreditation by the NAAC in the year 2003 for the first time with B++ and got reaccredited in 2011 with 'A' grade. Since then, the institution has taken initiative to enhance and sustain the quality in all the criteria identified by NAAC. Some of the post-accreditation initiatives are described below.

Curricular aspects

Academic audit was carried out to check the quality of syllabus, curriculum, library facility, question pattern, exam results laboratory facilities and research output. The suggestions from the academic audit were forwarded to the departments to enhance their performance. Curricular development cell was instrumental in the curriculum enhancement.

Board of studies was restructured for all courses and the inclusion of alumni and industrial/corporate representation was ensured.

Teaching – Learning

To enable e-learning, e-books were made available in the central library and in the departments. More LCD projectors were purchased for ICT enabled teaching. Old computers were replaced with new ones.

Teacher Quality

Staff members were motivated to attend more number of seminars and workshops to widen their subject knowledge. Special OD leave were given for deserving candidates to attend seminars and workshop. A series of staff development programmes have been organized. Performance Self Appraisal has been made rigorous for the staff members to identify the areas in which they have to improve.

Orientation towards Research

To increase research activities more seminars and conferences were organized. Special funds were allocated to the departments to organize programmes. To improve the quality of M.Phil. research, presentation and publications of the research work before the submission of the dissertation is made mandatory.

An in-house research journal is being published biannually. Interdisciplinary research is promoted among the departments.

Infrastructure Development

An old building has been rebuilt to have an additional floor to accommodate more students. PG and research labs were upgraded and additional materials were purchased. More shelters were built for the students to sit during the leisure hours. New spacious building was constructed for canteen.

Old air conditioners were replaced in seminar halls and laboratories. A new seminar hall was built. Additional toilet blocks were constructed. Boys hostel was shifted to new site and the old block was converted to class rooms and staff rooms.

WiFi facility is provided to the staff and student throughout the campus.

To support advanced research and analysis, a Common Instrumentation Centre with necessary equipments has been established.

Student support

Mentoring system was strengthened. Student forum meetings were conducted and the opinions of the students were given consideration. Feedback provided an opportunity for the students to express their views anonymously about the teachers, infrastructure and curriculum. Orientation programme and bridge courses are conducted for the students before the beginning of the academic year.

Administrative reforms

Committees were reshuffled to accommodate new comers. Departments were given more autonomy to extend decentralization. Major salary revision was done to encourage staff members. Release of PF and gratuity were speeded up for those staff members who have the institution.

Academic calendar is prepared in advance for each academic year to accommodate all activities of the institution. The calendar is printed in the handbook and uploaded in the website to make it known to all the stake holders

Declaration by the Head of the Institution



St. Joseph's College of Arts & Science (Autonomous)

Recognised under section 2(f) & 12(B) of the UGC Act, 1956

Re-Accredited by NAAC with 'A' Grade

St. Joseph's College Road, Manjakuppam, Cuddalore – 607 001.

Ph: (Office) 04142-286311

Fax: 04142-286315

E-mail: josecol27998@gmail.com


website: www.sjctnc.edu.in

DECLARATION BY THE HEAD OF THE INSTITUTION

I certify that the data included in this 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.


Signature of the Head of the institution
PRINCIPAL
St. Joseph's College of Arts & Science,
(AUTONOMOUS)
CUDDALORE - 607 001

Place : Cuddalore - 1

Date : 15-09-2016

It is requested that all communications should be addressed to The Registrar, Thiruvalluvar University and not to any person by name.

Website: www.thiruvalluvaruniversity.ac.in
Phone: 0416 -2274747, 2274746
Fax: 0416 -2274748



திருவள்ளூர் பல்கலைக்கழகம்
THIRUVALLUVAR UNIVERSITY
SERKKADU, VELLORE - 632 115

Dr. P. ASOKAN, M.Com., M.B.A., M.Phil., M.Phil., Ph.D.
Registrar (i/c.)

No.TU/R/Affiliation Certificate/2016/ 5601

Dated: 15.09.2016

Certificate of Affiliation

This is to certify that in accordance with the Government of Tamil Nadu - Thiruvalluvar University Act, 2002 (Tamil Nadu Act 32 of 2002) the colleges in the Districts of Cuddalore, Vellore, Villupuram and Thiruvannamalai which were affiliated to the University of Madras till 15.10.2002 were made as the affiliated colleges of the newly started Thiruvalluvar University with effect from 16.10.2002. Accordingly, St.Josephs' College of Arts and Science (Autonomous), St.Joseph's College Road, Cuddalore-607 001 (TN) was affiliated with the University of Madras till 15.10.2002, is now affiliated to the Thiruvalluvar University, Vellore with effect from 16.10.2002.

Accordingly, the UG, PG and Research courses offered by the said college are deemed to be affiliated by Thiruvalluvar University from the academic year 2002-2003 (16.10.2002).

St.Josephs' College of Arts and Science (Autonomous), St.Joseph's College Road, Cuddalore-607 001 (TN) is permanently affiliated College to this University. The college offering the following UG, PG and Research courses are continued to be affiliated for the academic year 2016-2017.

S. No.	Name of the Course(s)
1.	Three year B.A. Degree courses in English and History
2.	Three year B.Com. Degree courses in Commerce and Bank Management
3.	Three year B.Sc. Degree courses in Mathematics, Physics, Chemistry, Biochemistry, Computer Science, and Microbiology
4.	Three year B.C.A. Degree course in Computer Applications
5.	Two year M.A. Degree courses in English and History
6.	Two year M.Com. Degree course in Commerce
7.	Two year M.Sc. Degree courses in Mathematics, Physics, Chemistry, Computer Science, Information Technology, Biochemistry and Applied Microbiology
8.	Two year M.S.W. Degree course in Social Work
9.	M.Phil. Research course in Mathematics, Physics, Chemistry, Biochemistry, Computer Science, Microbiology, Commerce, English and History
10.	Ph.D. Research courses in Commerce, Chemistry and History

This certificate is issued for the purpose of applying for reaccreditation from NAAC, Bengaluru.

REGISTRAR (i/c.)

15/9/16

23234351, 23232791, 23237721, 23231114
23235733, 23232317, 23234735, 23239437



विश्वविद्यालय अनुदान आयोग
बहादुरशाह जफर मार्ग
नई दिल्ली-110 002
UNIVERSITY GRANTS COMMISSION
BAHADURSHAH ZAFAR MARG
NEW DELHI-110 002

F. 8-311/2003 (CPP-I)

November, 2004

The Registrar,
Thiruvalluvar University,
Fort,
Vellore-632 004 (T.N).

- 4 NOV 2004

Sub:- List of Colleges prepared under Section 2 (f) of the UGC Act, 1956-Inclusion of New Colleges.

Sir,

I am directed to refer to letter No. SJC/2004-2005/101 dated 21.08-2004 received from St. Joseph's College of Arts & Science, Cuddalore on the subject cited above and to say that the name of the following College has been included in the list of Colleges prepared under Section 2 (f) of the UGC Act, 1956 under the head Non-Government Colleges teaching upto Post Graduate Degree:-

Name of the College	Year of Establishment	Remarks
St. Joseph's College of Arts & Science, <u>Cuddalore-607 001.</u> (on temporary affiliation)	1991	The College is not eligible to receive Central assistance under Section 12 (B) of the UGC Act, 1956 as the UGC has not yet finalised the details to provide financial assistance to "Self Financed Colleges".

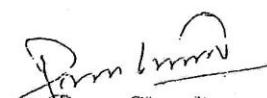
The Indemnity Bond and other documents in respect of the above College have been accepted by the Commission.

Yours faithfully,

(Mrs. Urmil Galati)
Under Secretary

Copy to:-

1. The Principal, St. Joseph's College of Arts & Science, Cuddalore-607 001.
2. The Secretary, Government of India, Ministry of Human Resource Development, Department of Secondary & Higher Education, Shastri Bhawan, New Delhi-110 001.
3. Deputy Secretary, UGC, South Eastern Regional Office, P.B. No. 152, A.P.S.F.C. Building, IV Floor, 5-9-194, Chirag Ali Lane, Hyderabad-500 001 (A.P).
4. Section Officer, FD-III Section, UGC, New Delhi.
5. All Sections, UGC, New Delhi.
6. Guard file.


(Prata Choud)
Section Officer

14/10/04

Ph. 23236351, 23232701, 23237721
23234116, 23235733, 23232317
23236735, 23239437, 23239627

Extension No. 413 (CPP-I Colleges)
UGC Website: www.ugc.ac.in



विश्वविद्यालय अनुदान आयोग
बहादुरशाह जफर मार्ग
नई दिल्ली-110 002
UNIVERSITY GRANTS COMMISSION
BAHADURSHAH ZAFAR MARG
NEW DELHI-110 002

F. No. 8-89/2013 (CPP-I/C)

August, 2015

The Registrar,
Thiruvalluvar University
Fort Campus, Vellore – 632 004
Tamil Nadu

28 AUG 2015

Sub: - Declaring a College fit to receive Central Assistance under Section 12 (B) of the UGC Act, 1956.

Sir,

I am directed to refer to the letter no. SJC/2014-2015/580 dated 20.05.2015 received from the Principal, St. Joseph's College of Arts & Science, St. Joseph's College Road, Manjakuppam, Dist. Cuddalore - 607 001, Tamil Nadu on the above subject and to say that it is noted that the following college is **un-aided/self financed** and **permanently** affiliated to **Thiruvalluvar University, Vellore**. The college is already included under Section 2 (f) of the UGC Act, 1956 vide this office letter No. 8-311/2003 (CPP-I) dated 04.11.2004. I am further to say that the name of the following college has been included in the list of colleges prepared under Section 12 (B) of the UGC Act, 1956 under the head '**Non-Government** College teaching upto **Master's Degree**':-

Name of the College	Year of Establishment	Remarks
St. Joseph's College of Arts & Science, St. Joseph's College Road, Manjakuppam, Dist. Cuddalore - 607 001, Tamil Nadu.	1991	The College is now declared fit to receive Central assistance in terms of Rules framed under Section 12 (B) of the UGC Act, 1956. However, the College, being a self financing & unaided, would be eligible to receive UGC's support only in respect of teachers & students related schemes as per the decision of the Commission dated 8 th July 2011.

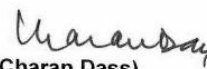
The documents submitted in respect of the above College have been accepted by the University Grants Commission.

Yours faithfully,

(Charan Dass)
Under Secretary

Copy to:-

- ✓ The Principal, St. Joseph's College of Arts & Science, St. Joseph's College Road, Manjakuppam, Dist. Cuddalore - 607 001, Tamil Nadu.
- The Secretary, Government of India, Ministry of Human Resource Development, Department of Higher Education, Shastri Bhawan, New Delhi - 110 001.
- The Secretary, Higher Education Deptt. Government of Tamilnadu, Secretariat, Chennai - 600 009, (Tamil Nadu).
- The Joint Secretary, UGC, South Eastern Regional Office (SERO), P.B. No. 152, A.P.S.F.C. Building, IV Floor, 5-9-194, Chirag Ali Lane, Hyderabad - 500 001, (Andhra Pradesh).
- Publication Officer (UGC-Website), New Delhi.
- Section Officer (FD-III Section), UGC, New Delhi.
- Guard file.


(Charan Dass)
Under Secretary



भारत सरकार

राष्ट्रीय अल्पसंख्यक शैक्षणिक संस्था आयोग

GOVERNMENT OF INDIA

NATIONAL COMMISSION FOR MINORITY EDUCATIONAL INSTITUTIONS

प्रथम तल, जीवन तारा भवन, ५, संसद मार्ग

पटेल चौक, नई दिल्ली - ११०००१

1st Floor, Jeevan Tara Building, 5, Sansad Marg

Patel Chowk, New Delhi - 110001

www.ncmei.gov.in

C E R T I F I C A T E

Dated.....

THIS IS TO CERTIFY THAT BY THE ORDER DATED 20TH DAY OF SEPTEMBER 2012 PASSED BY THE NATIONAL COMMISSION FOR MINORITY EDUCATIONAL INSTITUTIONS, NEW DELHI IN APPEAL NO. 08 OF 2010 (ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS), ST. JOSEPH'S COLLEGE ROAD, MANJAKUPPAM, CUDDALORE, TAMIL NADU, VS. PRINCIPAL SECRETARY, DEPARTMENT OF HIGHER EDUCATION, GOVERNMENT OF TAMIL NADU), ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS) RUN BY SOUTH ARCOT DIOCESAN CORPORATION HAS BEEN DECLARED AS A MINORITY EDUCATIONAL INSTITUTION COVERED UNDER SECTION 2(g) OF THE NATIONAL COMMISSION FOR MINORITY EDUCATIONAL INSTITUTIONS ACT, 2004.

GIVEN UNDER MY HAND AND THE SEAL OF THE COMMISSION ON THIS 20TH DAY OF SEPTEMBER 2012.



(JUSTICE M.S.A. SIDDIQUI)
CHAIRMAN





NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

An Autonomous Institution of the University Grants Commission
Ministry of Human Resource Development, Government of India
P. O. Box 1075, Nagarbhavi, Bangalore-560 072, India.
Phone: +91-80-23005100, 23210261 - 65, Fax: +91-80-23210268/23210270

Provisional Certificate of Accreditation

*The Executive Committee of the
National Assessment and Accreditation Council
on the recommendation of the duly appointed
Peer Team is pleased to declare the
St. Joseph's College of Arts and Science (Autonomous)
Cuddalore, affiliated to Thiruvalluvar University, Tamil Nadu as
Accredited
with CGPA of 3.26 on four point scale
at A grade
valid up to September 15, 2016*

EC Date : September 16, 2011

Harman
Director



ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (Autonomous)

(A Christian Minority Institution)

❖ Affiliated to Thiruvalluvar University, Vellore ❖ Re-Accredited by NAAC with 'A' Grade ❖ Recognised u/s 2(f) and 12(B) of UGC Act 1956

St. Joseph's College Road, Manjakuppam, Cuddalore - 607 001.

Phone : +91 4142 286311 | Fax +91 4142 286315

Email : josecol27998@gmail.com | Web : www.sjctnc.edu.in