

SELF STUDY REPORT

(First Cycle)

Submitted to

NAAC FOR ACCREDITATION



SENGAMALA THAYAAR EDUCATIONAL TRUST WOMEN'S COLLEGE

(Affiliated to Bharathidasan University, Tiruchirappalli)

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CONTENTS

1. PREFACE	1
2. Executive Summary	2
3. Profile of the College	6
4. Criterion – I : Curricular Aspects	15
5. Criterion – II : Teaching – Learning and Evaluation	42
6. Criterion – III : Research, Consultancy and Extension	74
7. Criterion – IV : Infrastructure and Learning Resources	116
8. Criterion – V : Student Support and Progression	141
9. Criterion – VI : Governance, Leadership and Management	172
10. Criterion – VII : Innovations and Best Practices	188
11. Department wise Evaluation	197-378
12. Attachments	

PREFACE

Education makes the man perfect. Higher education, especially to women, empowers not only the family but also the nation. Hence higher education to women is often emphasized as a mission of capacity building of the nation. The significance of this aspect has been rightly recognized and there has been a paradigm shift in the scenario of women education in the urban area. Nevertheless higher education to women children in the rural area needs encouragement, since the main source of income of the parents is agriculture and the per capita income is relatively very low.

In this context, Sundarakkottai, a village in the Thiruvarur District of TamilNadu, where the college in the name of “Sengamala Thayaar Educational Trust (STET) Women’s College was established in the year 1994. Thirumathi Krishnaveni Ammal Vivekanandhan, the then founder, entrusted the task of nurturing the institution to her illustrious son Dr. V. Dhivaharan as Secretary and Correspondent.

Though the institution was started as self financed institution with five departments and 155 women students, Dr. V. Dhivaharan left no stone unturned to see that the institution grow from strength to strength. The unstinted effort of the Secretary made the college blossom into post graduate and research institution. The institution now offers 11 UG and 13 PG programmes and 4 M.Phil. and 3 Ph.D. research programmes, and the overall student strength is around 4000.

At the time when the college was started, two decades ago, there has been only one Government Arts College in the radii of 40 km., and the transport facility was very less. Realizing the difficulty and economic burden of the parents, the management extended its helping hand by operating a fleet of 35 buses and 4 vans in all directions of Sundarakkottai to have access to the college.

The facilities available in the institution are in no way inferior to any of the institution in the city. There are 84 class rooms, 22 laboratories, 3 seminar / conference halls, 2 auditorium, 8 Mbps internet leased line with Wi-Fi network connectivity, and ICT enabled teaching-learning gadgets available in the institution and the members of the faculties are well qualified, experienced and with updated knowledge to meet the emerging challenges. The research facilities available are on par with any research department in the university. Research activities are given thrust and the management has established STET – Biofloral product development and Research Centre “Biomini” Laboratory, Tissue Culture Laboratory and Animal house, and provided land and agricultural implements to promote research culture.

The management is interested to institutionalize the institution industry interface and hence the institution has been encouraged to sign MoUs with number of industries/organization, which has also been made as a continuous process.

The institution has constantly produced cent percent results with number of university ranks. It has labored for the process of graduation of more than 13000 women students during the last two decades. All these achievement could be made possible only because of the cooperation from the management and the dedicated and relentless services of teaching and non-teaching staff which shall be appreciated and acknowledged.

Thus the college marches fast towards attaining the achievement of the vision of transforming the institution into a Centre of Excellence in providing higher education to women, and the realization is not far off.

Dr.S.Amutha, Ph.D.
Principal

EXECUTIVE SUMMARY

‘Empowering Women, Empowering the Nation’

Sundarakkottai a hamlet, in the District of Thiruvarur, near Mannargudi town, TamilNadu, had been chosen as a nucleus by the philanthropic management of Sengamala Thayaar Educational Trust and made the excitement to facilitate thousands and thousands of the females wards of the economically backward and down trodden families with agriculture as their basic profession to acquire higher education. The idea was consummated some two decades ago, at the time when there was no educational institution for a radius of 40 Km., and the educational institution in the name of ‘Sengamala Thayaar Educational Trust (STET) Women’s College’ was started in the year 1994 with the vision of imparting and attaining excellence in higher education, exclusively for women.

STRENGTH

- Providing higher education to the rural and economically weaker section of the society and labored to produce more than 13000 graduates since 1994
- Transparency in admission and the evaluation
- Choice based credit system is followed, which facilitates both vertical and horizontal mobility
- Awareness regarding institutional social responsibilities and leadership quality through various service organizations
- Semester pattern and continuous evaluation methods
- Expression of performance of students in terms of marks, grades and CGPA
- Increases number of university ranks, 100 % results
- Moderate placement records
- The institution offers 11 UG, 13 PG, 4 M. Phil., and 3 Ph.D. programmes
- Progression is facilitated up to the research degrees
- Admission to different programmes is made purely on the basis of merit for both the government and management seats
- Diversity needs and social justice are ensured
- Students are given freedom to choose their programme
- Teachers enjoy academic freedom
- Well developed 3 libraries with more than 30000 books, 109 national 64 International journals and 1989 educational CDs
- Availability of 8mpbs learned leased line with WiFi connectivity throughout the campus
- Establishment of ICT enabled teaching-learning resources
- All departments are provided with a smart class room
- Each and every department has computer with internet connection
- Providing of INFLIBNET, NPTEL and N-LIST facility
- Availability of OPAC facility in the library

- Teachers are well qualified with research degrees and with aptitude for further learning
- Conduct of bridge course and orientation courses at the entry level
- Organization and provision for participation in seminars/conferences/workshops/FDP programmes
- Internship, field visits, industrial visits and on/off campus student projects
- Institutional –industrial-society partnership programmes
- MoUs with more than 19 institutions/organization
- Communication and soft skill development, placement training and entrepreneurial programmes
- Keen interest of the management to promote research and its has spend/mobilized more than TWO CRORES towards research and development
- Established FIELD RESEARCH STATION
- Discovery of 12 NEW SPECIES of foliicolous fungi, 2 new varieties and 2 new records
- Establishment of “CENTRALIZED INSTRUMENTATION FACILITY”
- Establishment of Microbial culture collection facility
- Separate Animal House, Tissue Culture Facility for research purposes
- Inviting prominent, eminent scholars/scientists for seminars/conferences/guest lectures
- Establishment of ‘STET Bio-flora Product Development and Research Centre’ and Biominin Laboratory for providing hands on training in the production of Microbial biofertilizers, vermicompost, edible mushroom culture, micronutrients, etc.,
- Botanical Arboretum
- Herbal Garden
- Allocation of land and agricultural implements such as minitractor, conoweeder, sprayers and other furnishing implements
- Publication of International journal entitled “Scientific Transactions in Environmental and Technovation”
- Nine departments publish news letters
- Facilitates for collaborative research
- Teachers and students publish research articles in national, international journals and so far earned 386 IMPACT FACTOR, and published 45 BOOKS
- Offers extension and consultancy service farmers, women, Women Self Help Groups, students and schools through departments, NSS, YRC, Rotaract, RRC, Student ExNoRa, etc., as ON/OFF campus programme
- Required classrooms and laboratories are more than sufficient
- Well established 2 seminar halls (A/C) conditioned, Multi Purpose Auditorium
- Sufficient play grounds for sports and games and including a separate cricket ground
- Arrangement of scholarship from Government both Central and State Government for SC/ST students
- Free-ships from the management in terms of tuition fee, concession/payment in installments, hostel fee, and transport fee
- Providing glossaries and question banks

- Coaching and remedial class for slow learners
- Special coaching class for competitive, UPSC, UGC –CSIR NET/SET, etc.,
- Effective mentoring system (tutorial system)
- Reprographic and photocopying facilities in the library
- Internet downloading and printing facility
- Health care centre with physician beds and van (ambulance)
- Supports for different abled persons
- Fleets of 35 buses and 4 vans are operated at the subsidized bus fare
- Establishment of RO plants at 11 different localities to provide safe drinking water
- Mosquitoes control fogging machine to control mosquitoes
- Employment and leadership qualities groomed
- Effecting functioning of IQAC and R&D cell
- IQAC make assessment of the infrastructure, teaching and learning resources and look after the implementation
- Maintenance of the campus with clean and polythene free environment and development greeneries around the campus
- Periodical Green auditing

WEAKNESS

- Lack of communication skill and self confidence among the students
- Most of students medium of instructions is in local language
- Allocation of marks for CIA is less (25%)
- Allotment of hours for sports and games is not sufficient
- The women students are discouraged to participate in sports and games by the parents
- The women students are not encouraged to involve in special camps organized by different forum
- No scholarship for BC and MBC students other than MBA and MCA students
- No financial support from the government for academic activities
- Attrition of teachers due to marriage and other reasons
- Dropouts in the middle of course due to family/social and economical problems

OPPORTUNITIES

- To undergo the educational programmes as day scholars
- Advanced teaching-learning resources
- Progression is ensured upto PG and research (M.Phil. and Ph.D.) in certain courses
- Extended management financial support in terms of free-ships/projects and research
- To publish research (project) findings in the journal
- Facilities to carryout original and independent research

- Interdisciplinary research
- Hands on practical training in the production of mushroom cultivation, vermicomposting, microbial biofertilizers, apiculture and micro nutrients
- Instrumentation training for students and members of the faculty
- Placement and self employment
- Communication and soft skill development
- To get trained in Fine Arts Association
- Institution-industry-society interface
- Well established Alumini Association supports the students in terms of scholarships and placements
- Training for self defense

CHALLENGES

- Increased number of engineering colleges and the preference of parents and students to engineering programmes
- Increased number of Arts and Science (Government and Self Financed) colleges
- Responsibility of grooming the students with weak economic, socially back ground and poor communication skills
- Mobilizing financial resources from funding agencies
- Retention of trained teachers with high qualification
- Motivating the students (women) to pursue research career
- Mobilizing the employers (job providers) to the rural institution

B. Profile of the Affiliated / Constituent College

1. Name and address of the college :

Name : Sengamala Thayaar Educational Trust Women's College
 Address : Sundarakkottai
 City : Mannargudi Pin : 614 016 State : TamilNadu
 Website : www.stet.edu.in / www.stet.in

2. For Communication :

Designation	Name	Telephone with STD code	Mobile	Fax	Email
Principal	Dr. S. Amudha	O : 04367-255423 R : 04362-25570	9443703331	255423	prin_amu@yahoo.co.in
Vice Principal	Dr. K. Kandavel	O : 04367-255423 R : 04367-255405	9443181813	255423	drkkand@gmail.com
Steering Committee Co-ordinator	Prof. S. Sivapunniam	O : 04367-255423 R : 04367-255405	9443976105	255423	stet_wc@gmail.com

3. Status of the Institution :

Affiliated College
 Constituent College
 Any other (specify)

4. Type of Institution :

a. By Gender

i. For Men
 ii. For Women
 iii. Co-education

By shift

i. Regular
 ii. Day
 iii. Evening

5. Is it a recognized minority institution?Yes No

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

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6. Sources of funding :Government Grant-in-aid Self-financing Any other **7. a. Date of establishment of the college : 27.08.1994 (dd/mm/yyyy)**

b. University to which the colleges is affiliated / or which governs the college (If it is a constituent college)

Bharathidasan University

c. Details of UGC recognition

Under Section	Date, Month & Year (dd-mm-yyyy)	Remarks (if any)
i. 2 (f)	07.08.2008	-
ii. 12 (B)	03.08.2010	

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

Under Section / Clause	Recognition / Approval details Institution / Department / Programme	Date, Month and Year (dd-mm-yyyy)	Validity	Remarks
AICTE	MCA	04.06.2014	1 year	EOA
AICTE	MBA	04.06.2014	1 year	EOA

(Enclose the recognition / approval letter)

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

Yes No

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

Yes No

9. Is the college recognized

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

Yes No

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

b. for its performance by any other governmental agency?

Yes No

If yes, Name of the agency and

Date of recognition : (dd/mm/yyyy)

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

Location *	Rural
Campus area in sq. mts.	2,74,333
Built up area in sq. mts.	25,278

✓

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

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

- Auditorium / seminar complex with infrastructural facilities
- Sports facilities

❖ Play ground

❖ Swimming pool

❖ Gymnasium

• **Hostel**

❖ **Boys' hostel**

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

❖ **Girls' hostel**

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

❖ **Working Women's hostel**

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

- Residential facilities for teaching and non-teaching staff (give numbers available – cadre wise) Guest House with rooms for guests/visiting faculties/examiners.
- Cafeteria – ✓
- Health Centre – ✓

✓ First aid, Inpatient, Outpatient, Emergency care facility, Ambulance ✓

Health centre staff -

Qualified doctor	Full time	<input type="checkbox"/>	Part time	<input checked="" type="checkbox"/>
Qualified Nurse	Full time	<input type="checkbox"/>	Part time	<input checked="" type="checkbox"/>

- ✓
- Facilities like banking, post office, book shops
- Transport facilities to cater to the needs of students and staff ✓
- Animal house ✓
- Biological Waste disposal ✓
- Generator or other facility for management / regulation of electricity and voltage ✓
- Solid waste management facility ✓
- Waste water management ✓
- Water harvesting ✓

12. Details of programmes offered by the college (Give data for current academic year) 2014 – 2015

Sl. No.	Program me Level	Name of the Programme / Course	Dura-tion	Entry Qualification	Medium of Instruction	Sanctioned / approved Student Strength with 30% increase	No. of Students Admitted
1.	Under-Graduate	B.A. English	3 yrs	A pass in H.Sc. (Academic/ Vocational Stream)	English	78	78
		B.A. Economics	3 yrs			52	52
		B.B.A.	3 yrs	A pass in H.Sc. (should have studied Commerce and Accountancy in H.Sc. 20% reserved for vocational stream)		130 (2 sec)	130
		B.Com.	3 yrs			169 (3 sec)	168
		B.Sc. Mathematics	3 yrs	A pass in H.Sc. (should have studied Mathematics)		164 (3 sec)	176
		B.Sc. Computer Science	3 yrs	A pass in H.Sc. (2/3 of seats for Computer Science students, 1/3 of seats for non Computer Science students)		177 (3 sec)	179
		B.Sc. Biochemistry	3 yrs	A pass in H.Sc. or equivalent with Science as one of the subjects		65	65
		B.Sc. Microbiology	3 yrs			65	63
		B.Sc. Nutrition & Dietetics	3 yrs			52	50
		B.Sc. Chemistry	3 yrs			65	64
		B.Sc. Physics	3 yrs			52	52
2.	Post Graduate	M.A., Economics	2 yrs	Any degree	English	46	15

		M.A., English	2 yrs	Any degree		35	9			
		M.Com.	2 yrs	UG degree in Commerce or any one of the paper in Principle of Commerce or Statistics		52	51			
		M.Sc. Biochemistry	2 yrs	UG degree in Life Sciences		39	28			
		M.Sc. Microbiology	2 yrs			34	30			
		M.Sc. FSM&D	2 yrs	UG degree in N&D or Home Science		33	25			
		M.Sc. Computer Science	2 yrs	UG degree in Computer Science		33	33			
		M.Sc. Information Technology	2 yrs	Any degree with Mathematics and Statistics as allied or +2 level		52	31			
		M.Sc. Mathematics	2 yrs	UG degree in Mathematics		46	45			
		M.Sc. Physics	2 yrs	UG degree in Physics		33	29			
		M.Sc. Chemistry	2 yrs	UG degree in Chemistry		33	21			
		M.B.A.	2 yrs	Any degree		40	40			
		M.C.A.	3 yrs	Any degree with Mathematics and Statistics as allied or +2 level		40	19			
		3.	M.Phil.	Biochemistry		1 yr	PG Degree in respective Disciplines	English		2
				Microbiology		1 yr				4
Commerce	1 yr				4					
Computer Science	1 yr			8	8					
4.	Ph.D.	Biochemistry		PG or M.Phil. degree	English	As per University norms				
		Microbiology								
		Computer Science								

13. Does the college offer self-financed Programmes?Yes No If yes, how many? **14. New programmes introduced in the college during the last five years if any?**

Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>	Number	2
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15. List the departments : (respond if applicable only and do not list facilities like Library, Physical Education as departments, unless they are also offering academic degree awarding programmes. Similarly, do not list the departments offering common compulsory subjects for all the programmes like English, regional language etc.)

Particulars	UG	PG	Research
Science	Biochemistry Microbiology Nutrition & Dietetics Mathematics Physics Chemistry Computer Science	Biochemistry Microbiology Food Service Management & Dietetics Mathematics Physics Chemistry Computer Science Information Technology Biotechnology M.B.A. M.C.A.	M.Phil. Biochemistry Microbiology Computer Science Ph.D. Biochemistry Microbiology Computer Science
Arts	English Economics B.B.A.	English Economics	
Commerce	Commerce	Commerce	M.Phil. Commerce
Any Other not covered above	-		

16. Number of Programmes offered under (Programme means a degree course like B.A., B.Sc., M.A., M.Com.)

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

17. Number of Programmes with

a.	Choice Based Credit System	24
b.	Inter / Multidisciplinary Approach	-
c.	Any other (specify and provide details)	-

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

Yes No

If yes,

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

b. NCTE recognition details (if applicable)

Notification No. :

Date : (dd/mm/yyyy)

Validity :

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

Yes No

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

Yes No

If yes,

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

b. NCTE recognition details (if applicable)

Notification No. :

Date : (dd/mm/yyyy)

Validity :

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

Yes No

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

Positions	Teaching Faculty						Non-teaching staff		Technical staff	
	Professor		Associate Professor		Assistant Professor		*M	*F	*M	*F
	*M	*F	*M	*F	*M	*F				
Sanctioned by the UGC / University / State Government										
Recruited										
Yet to recruit										
Sanctioned by the Management / society or other authorized bodies	-	-	5	-	14	149	1	29	1	2
Recruited										
Yet to recruit										

* M – Male

* F – Female

Criterion - I

Curricular Aspects

1.1. Curriculum Planning and Implementation

1.1.1. State the Vision, Mission and Objectives of the institution, and describe how these are communicated to the students, teachers, staff and other stakeholders.

Vision

To blossom into a Centre of Excellence in Higher Education and Research, targeting the women students of the downtrodden and economically weaker section of the society, so as to enlighten, empower and make them instrumental in creating a par excellent society.

Mission

- Creating an academic environment by providing modern infrastructure facilities and current advancement in humanities, science and technology
- Providing not only quality education but also inculcating discipline and moral values

Objectives

- To provide higher education to the women students of the rural and economically weaker sections of the society
- To provide sophisticated infrastructure facilities for teaching, learning and research
- To adopt recent technological advancements and innovations in teaching-learning processes through ICT so as to make them competent
- To work consistently towards achieving excellence in the teaching and learning process in the institution
- To promote knowledge through research, both in basic and applied areas of science and technology and to disseminate such knowledge through publications, extension activities and consultancy services
- To inculcate positive attitude, intellectual abilities, reflective personal growth, leadership qualities and to develop service-oriented mind set of women in the process of teaching and learning
- To establish collaboration with advanced centers of education and research, industries, corporates through Memorandum of Understanding
- To provide value based higher education to women so as to make them socially responsible and good citizens
- Ultimately, the women students will be empowered through holistic development for nation building

Vision and Mission of the institution are communicated through College handbook, magazine and website. They are also displayed at the strategic points – such as class rooms, departments, notice boards, library, hostel, canteen.

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

The institution effectively implements the curriculum designed by the University, through the following processes.

- Head of the departments allocate hours for teaching theory and practical as per the University norms
- Faculties prepare lesson plans for the courses allotted to them and the execution of the same is regularly monitored by the head of the respective departments and the principal
- Departments are insisted to complete the syllabus within the time frame and as per the scheduled plan– 90 days/semester
- Teachers are instructed to prepare handouts for the lessons and circulate them among the students
- Glossaries are prepared by each department for the technical terms used in each subject
- For the I year UG students, intensive bridge course is conducted by the respective departments
- Question banks are prepared by the faculty for each course of the programmes and are made available to the students and trained for their better performance in the University examinations
- Teachers apply tools of internal assessment such as assignments, seminars, group discussions, conduct weekly tests, cycle test and model examination
- Students are motivated to participate in the extension service activities arranged by the different departments of the College and different forums such NSS, YRC, RRC, Student EXNORA and Rotaract

The College functions for 6 hours per day and 36 hours per week. Alternate Saturdays are working days and are used for part V activities, Spoken English and Computer Literacy (Table 1.1.)

Table 1.1. Allotment of hours per week for different courses by the departments.

Courses	UG			PG		
	I Year	II Year	III Year	I Year	II Year	III Year**
Theory	Hrs	Hrs	Hrs	Hrs	Hrs	Hrs
Part I	6	6	-	-	-	-
Part II	6	6	-	-	-	-
Core Course & MBE	12	7	25	28	28	22
Allied	6	7	-	-	-	-
Others(SBE,NME,SDC)*	-	4	6	-	-	-
Practical	3	3	3	6	6	10
Hours for other programmes						
Physical Education	1	1	-	-	-	-
Library	1	1	1	4	4	3
Counseling	1	1	1	1	1	1
Total	36	36	36	36	36	36

*SBE – Skill Based Elective; NME – Non Major Elective; SDC – Skill Development Course ** MCA

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

- The institution appoints teachers according to the work loads of respective departments and encourages the teachers to pursue and get higher degrees
- Teachers are provided with all the necessary infrastructure facilities such as e-libraries, smart class room, audio-video instruments and complete set of knowledge transfer gadgets(ICT)
- Teachers are encouraged to participate and present papers in the National / International seminars / conferences / workshops
- Faculty development programmes are arranged by the institution for enhancing the quality of teaching (Table 1.2.)
- Teachers are deputed to attend orientation programmes and refresher courses conducted by the University/other institutions for the faculty members (Table 1.3.)
- 24 hours internet facility with dedicated internationally connected server is provided for students and members of the staff
- The library is well stocked with reference / text books and journals
- Facility of INFLIBNET/N-LIST is yet another support for the faculties
- Best teachers who produce 100% pass in the papers allotted to them are honoured with prizes/awards on the College Day function
- Seminars are arranged by various departments, by inviting eminent resource persons
- Syllabus oriented guest lectures are also arranged for the benefit of the students (Table 1.4.)
- Arrangement has also been made to make the NPTEL and other e-resources available to the faculties

Table 1.2. Details of faculty development programmes conducted.

S.No.	Date	Topic	Resource Person(s)
1.	24.07.2010 &25.07.2010	Guidance and Counseling	1.Dr. B. Rangiah, Reader, Dept. of Psychology, Pondichery University 2.Dr. M.V. Srinath, Director, Dept. of M.C.A., S.T.E.T. Women's College, Sundarakkottai, Mannargudi. 3.Mr. Chandru Durairaj, CEO, Dawn Solutions Pvt. Ltd. Chennai
2.	04.06.2011	Tips for Effective Teaching-Teaching Values	Prof. S. Sivapunniam, Principal, Bharath College of Arts and Science, Thanjavur
3.	30.07.2011	SET / NET Coaching class	Prof. G.M. Soundarajan, Institute of Management and General Studies, Chennai

S.No.	Date	Topic	Resource Person(s)
4.	08.12.2012	Innovative Methods in Teaching and Learning Process	1.Dr. E. Ramganes, Director, Council for College and Curriculum Development, Bharathidasan University, Tiruchirappalli 2.Dr. M.V. Srinath, Director, Dept. of M.C.A. S.T.E.T. Women's College, Sundarakkottai, Mannargudi 3.Dr.M.P.Ananthpadmanabhan, Academic Advisor, S.T.E.T. Women's College, Sundarakkottai, Mannargudi
5.	11.06.2013-13.06.2013	Instructional Design for e-content Development	Dr. V.P. Sivhakar, Former Professor & Head, Dept. of Educational Technology & Multimedia, NITTTR, Taramani, Chennai
6.	18.11.2013	How to use the College Library Effectively?	Dr. K. Senthilnayagam, Librarian, A.V.C. College (Aut), Mayiladuthurai
7.	26.05.2014 & 27.05.2014	SET / NET Coaching class	Dr. S. Iyyampillai, Associate Professor and Head, Dept. of Economics, Bharathidasan University, Tiruchirappalli
8.	05.06.2014	SET / NET Coaching class	Mr. A. Adhiselvam, Assistant Professor & Head, Dept. of M.C.A., S.T.E.T. Women's College, Sundarakkottai, Mannargudi
9.	14.07.2014	How to use NPTEL resources?	Dr. M.V. Srinath, Director, Dept. of M.C.A., S.T.E.T. Women's College, Sundarakkottai, Mannargudi

Table 1.3. Details of orientation programmes / refresher courses attended by the faculties

S.No.	Academic Year	Number of Faculties	
		Refresher Course	Orientation Programme
1.	2010-2011	27	28
2.	2011-2012	27	28
3.	2012-2013	28	35
4.	2013-2014	30	35

Table 1.4. List of guest lectures arranged.

S.No.	Date	Department	Topic	Resource Person
1.	05.03.2009	M.B.A.	Creativity & Innovation	Mr. W. Amarnath, Textile Engineer, Anna University, Chennai
2.	05.02.2010	Biochemistry	Diabetes Mellitus	Dr. T. Nargees Begam Assistant Professor PG and Research Dept. of Biotechnology, Jamal Mohamed College (Aut), Tiruchirappalli
3.	18.02.2010	Microbiology	Arboscular Mycorrhizal fungi: A sustainable agriculture in medicinal plants	Dr. T.Selvaraj, Ambo University, Ethiopia
4.	09.09.2010	Biochemistry	Data Retrieval	Ms. K. Bhuvanewari, Dept. of Biochemistry, Bharathidasan University College for Women, Orathanadu
5.	13.07.2011	Biochemistry	Extra Cellular Matrix	Ms. A. Malarvizhi, Dept. of Biochemistry, DGG Arts College for Women, Mayiladuthurai
6.	31.12.2011	Computer Science	New Security Essentials	Ms. K. Savima, Asst. Professor, Dept. of Computer Science, S.T.E.T. Women's College, Sundarakkottai, Mannargudi
7.	10.02.2012	Computer Science	Grid Computing	Ms. R. Manjuparkavi Asst. Professor, Dept. of Computer Science, S.T.E.T. Women's College, Sundarakkottai, Mannargudi
8.	05.10.2012	M.C.A.	Cloud Computing	Mr. P.Manikandan, Project Manager, IBM, Chennai
9.	06.10.2012	Biochemistry	Allergy & Hypersensitivity	Ms. T. Bavani, Dept. of Biochemistry, Rabiammal Ahmed Maideen College of Arts & Science, Thiruvarur
10.	29.01.2013	Microbiology	Probiotics, prebiotics and symbiotics	Dr. R.Saravanmuthu, Head and Associate Professor, Dept. of Botany, A.V.C. College (Aut), Mayiladuthurai
11.	28.02.2013	M.B.A.	Stocks and Securities	Prof. Rm. Chidambaram, Dean (Rtd) Department of Management Studies, Alagappa University, Karaikudi

S.No.	Date	Department	Topic	Resource Person
12.	02.03.2013	Computer Science	Advanced Concepts on Dot Net	A.Ramashankar Project Lead System Analyst, D&B Transunion Analytics and Decision Service, Chennai
13.	04.03.2013	Physics	Recent Trends in Information Technology	Ms. V. Geetha , Dept. of Computer Science , S.T.E.T. Women's College, Sundarakkottai, Mannargudi
14.	06.03.2013	Computer Science	Advanced Concepts on Data Mining	Dr. A.Gangaiammal, Assistant Professor, Govt. Arts College, Salem
15.	06.09.2013	Biochemistry	Phyto pharmacology	Dr. P. Krishnamoorthy, Asst. Professor, Dept. of Zoology, E.V.R. College (Aut) Tiruchirappalli
16.	21.09.2013	Computer Science	Digital Image Processing	Ms. S. Angayarkanni, Assistant Professor, Dept. of ECE, S.V.S. College of Engineering, Coimbatore
17.	23.09.2013 to 27.09.2013	M.C.A.	Mobile Application Development	1.Mr. S.Prithiviraj, CEO, Target Soft Systems, Chennai 2.Mr.Manikandan Technical Director Target Soft Systems Chennai 3.Ms.Anitha Sakthivel HR & Career Advisor Target Soft Systems Chennai 4. Mr.Mathivanan Technical Director Target Soft Systems Chennai

1.1.4. Specify the initiatives taken up or contribution made by the institution for effective curriculum delivery and transaction on the curriculum provided by the affiliating University or Statutory Agency.

- Necessary infrastructure facilities such as class rooms, teachers, laboratory equipments, library and e-learning, etc. are also provided by the institution
- The Principal instructs the Head of the Departments to allocate hours for theory and practical classes to the respective teachers
- The faculties prepare lesson plans, teaching materials such as class notes, modules, etc. from the text/reference books and internet and the materials are circulated among the students

- The institution provides ICT enabled teaching learning gadgets
- Teachers also plan dates for the submission of assignments, tests and seminars for the students. Feedback is collected from the students regarding the syllabus and method of teaching
- Opportunities are provided to the students to visit and acquire practical training in neighbouring laboratories, field stations and institutions
- Spoken English classes are conducted on alternate Saturdays for the first year UG students. Oxford English Dictionary and Wren and Martin Grammar books are distributed to the students to improve vocabulary and to practice grammar
- The Institution has established a Language Lab for the First Year PG students in order to enhance the LSRW (Listening, Speaking, Reading & Writing) skills
- Good transportation facility enables the students to reach the campus safely from their respective places on time
- There are 35 buses and 4 vans flying in all directions. The transportation is provided at the subsidized cost (Table 1.5.)

Table 1.5. Infrastructure facilities provided by the institution.

S.No.	Facilities available	No. of Units
1.	Classroom	84
2.	Lab	22
3.	Auditorium	2
4.	Seminar Hall	2
5.	Smart Class Room	13
6.	Library	3
7.	Bus	35
8.	Van	4
9.	Canteen	2
10.	Hostel	1

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

- For the effective operationalisation of the curriculum, the institution interacts with the industries through the questionnaire and the same has been forwarded to the University
- The Department of Management is a member of the Madras Management Association
- The College is also a member of the Computer Society of India and associate member of the Information and Communication Technology Academy of Tamilnadu
- Some of the Departments of the College have collaborations with other companies / Hospitals through Memorandum of Understanding (Table 1.6.)
- Membership in other bodies and collaboration with companies / hospitals, facilitate training / internship for the students

- Their feedback helps to update the syllabi and curriculum
- Students visit different institutions / companies / industries for gaining practical knowledge (Table 1.7.)
- A quarterly international journal entitled “Scientific Transactions in Environment and Technovation” (ISSN 0973-9157) is published since 2007. The knowledge is shared and disseminated to various beneficiaries through the journal and the website of this journal is www.bvgtjournal.com

Table 1.6. Details of Memorandum of Understanding (MoU).

S.No	Name of the Agency	Type of Consultancy
1.	Phytoproducts, Thiruthuraipoondi	Research Project , Marketing and Training
2.	Biofarm, Coimbatore	Research Project and Training
3.	Meenakshi Hospital, Thanjavur	Internship, Clinical Training and Dietetic Counseling
4.	CAK Polyclinic, Mannargudi	Internship
5.	SABRE IT. Solutions Pvt. Ltd., Chennai.	Research Project and Training
6.	Elysium Technologies, Madurai	Research Project, Placement and Training
7.	Target Soft Systems, Chennai	Research Project and Training
8.	Vinsol HRD Pvt. Ltd., Chennai	Research Project and Training
9.	Kovai Medical Centre and Hospital , Coimbatore	Internship, Clinical Training and Dietetic Counseling
10.	Mani Hospital, Thiruthuraipoondi	Research Project and Training
11.	Scientific Research Association for Economics and Finance, Chennai	Internship Projects, Case studies
12.	A.Krishnamoorthy & Co., Chennai	Internship, Project Work and Recruitment
13.	TANFED, Chennai	Research Project and Training
14.	Aqua Pure Plus Pvt. Ltd., Thirumangalam, Chennai	Project training and Industrial visit
15.	Coconut Research Station, Veppankulam	Research Project and Training
16.	Tamilnadu Rice Research Institute, Aduthurai	Research Project and Training
17.	INMA (TEAM 9), Chennai	Research Project and Training
18.	CSC, Chennai	Certificate Programme (with stipend)
19.	A.V.C College (Aut), Mayiladuthurai	Research Project and Training
20.	Kiran Global Chems Limited, Chennai	Project, Internship and Industrial visit

Table 1.7. Industry-visits by the students.

S.No.	Academic Year	Departments	No. of Companies Participated	No. of Students Visited
1.	2009 – 2010	M.B.A.	7	39
		Information Technology	5	34
		Computer Science	5	18
2.	2010 – 2011	M.B.A.	10	39
		Information Technology	5	30
		Computer Science	5	24
		Biochemistry	4	32
		M.C.A.	4	35
3.	2011-2012	M.C.A.	12	40
		Information Technology	5	32
		Computer Science	5	33
4.	2012-2013	M.B.A.	11	39
		Information Technology	5	38
		Computer Science	5	22
		Biochemistry	2	31
		M.C.A.	6	39
5.	2013-2014	Biochemistry	3	60
		Commerce	1	64
		Information Technology	5	29
		Computer Science	5	32

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

Five senior members of the faculty have been nominated by the university as members of the respective Board of Studies of the parent University (Commerce, Biochemistry, Business Administration, Chemistry and Botany), and they pass on stakeholders' feedbacks regarding the curriculum to the University. Opinions of the teachers on the syllabus are also collected and sent to the University for necessary action (Table 1.8.)

Table 1.8. Faculties in the Board of Studies of the Bharathidasan University.

S. No.	Faculty	Departments	Board	Duration
1.	Dr. S. Amudha	Commerce	PG	2012-2015
2.	Dr. M. Chitra	Biochemistry	UG/PG	2012-2015
3.	Dr. U. Gayathri	Chemistry	PG	2012-2015
4.	Mrs. V. Pattammal	Business Administration	UG	2012-2015
5.	Dr. K. Kandavel	Botany	UG/PG	2012-2015

1.1.7. Does the institution develop curriculum for any of the courses offered (other than those under the purview of the affiliating University) by it? If ‘Yes’ give details on the process (Needs assessment, design, development and planning) and the courses for which the curriculum has been developed.

The institution is an affiliated college. It follows the curriculum prescribed by the university. However, curriculum has been designed for 3 diploma and 12 certificate courses conducted by the institution. The departments have developed the curriculum, with the guidance of the Curriculum Development Committee of the college.

Department of Computer Science

- Since the College students are mostly from rural areas, the Department of Computer Science / Computer Applications offers 3 diploma courses and 2 certificate courses for the students of the institution.

These programmes help the students to improve their computer knowledge, provide scope for getting job opportunities and face the national and global competitions (Table 1.9.)

Curriculum Development Committee

- i) Mr. A. Adhiselvam, Head & Asst. Professor, Department of Computer Applications
- ii) Ms. K. Aruna, Asst. Professor, Department of Computer Science
- iii) Ms. G. Vijayalakshmi, Asst. Professor, Department of Computer Science

Department of Microbiology

- PG and Research department of Microbiology in collaboration with “Biominin” Laboratory offers Certificate Courses which help to provide value addition to their regular courses (Table 1.10)

Curriculum Development Committee

- i) Dr. V. Dhivaharan, Dean of Life Science
- ii) Dr. N. Uma Maheswari, Head & Asst. Professor, Department of Microbiology
- iii) Dr. M. Kannahi, Asst. Professor, Department of Microbiology

Department of Biochemistry

- PG and Research department of Biochemistry offers certificate programmes which help the students to improve their knowledge and providing scope for getting job opportunities (Table 1.11.)

Curriculum Development Committee

- i) Dr. R. Anuradha, Head & Asst. Professor, Department of Biochemistry
- ii) Ms. T. Ananthi, Asst. Professor, Department of Biochemistry
- iii) Ms. S. Manikandaselvi, Asst. Professor, Department of Biochemistry
- iv) Ms. P. Venkatalakshmi, Asst. Professor, Department of Biochemistry
- v) Dr. S. Velavan, Asst. Professor, Department of Biochemistry Maruthupandiyar College, Thanjavur

Department of Nutrition & Dietetics

- Department of Nutrition & Dietetics offers short term certificate courses to create skilled and knowledgeable women in the fields of nursing and nutrition education that would promote them as successful entrepreneurs (Table 1.12)

Curriculum Development Committee

- Dr. S. Sarojini, M.B.B.S., D.G.O., Govt. Hospital (Rtd.), Thiruvarur
- Mr. N. Chandramohan, Food Safety Officer, Thanjavur
- Dr. A. Sangeetha, Asst. Professor, Jamal Mohammed College, Tiruchirappalli
- Ms. G.K. Gomathi, Head & Asst. Professor, Department of Nutrition and Dietetics
- Dr. S. Vishnupriya, Asst. Professor, Department of Nutrition and Dietetics

Table 1.9. Details of Diploma & Certificate Courses in Computer Science.

S. No.	Courses Offered	Duration	Beneficiaries
1.	D.C.A.	6 Months	Willing Students in the Hostel
2.	D.D.T.P.		
3.	R.D.B.M.S.		
4.	Certificate Programme in Computer Science	6 Months	Students of Chemistry, Nutrition and Dietetics
5.	IBM Certificate Course	6 Months	Students of M.Sc. Computer Science, M.Sc. Information Technology and M.C.A

Table 1.10. Details of Certificate Programmes Offered in Microbiology.

S. No.	Programmes Offered	Duration	Beneficiaries
1.	Bioinstrumentation	6 Months	II PG Students of Microbiology, Biochemistry and Chemistry
2.	Microscopic Techniques	6 Months	I UG students of Microbiology, Biochemistry, Chemistry and Nutrition and Dietetics

Table 1.11. Details of Certificate Programmes Offered in Biochemistry.

S. No.	Programmes Offered	Duration	Beneficiaries
1.	Medical Laboratory Techniques	6 Months	Students of Microbiology, Biochemistry, Chemistry, Nutrition and Dietetics
2.	Analytical Techniques		

Table 1.12. Details of Short term Certificate Courses Offered in Nutrition and Dietetics.

S. No.	Programmes Offered	Duration	Beneficiaries
1.	Food Preservation	3 Months	Willing Students of any discipline
2.	Food Safety Management		
3.	Reproductive Health Care		
4.	Child Care and Counseling		

Department of Commerce

- Department of Commerce has proposed to conduct a short term certificate course for the students of any discipline to become an entrepreneur. This paves way for the youngsters to stand and face the world independently through self employment, self recognition and status. The course will follow the curriculum framed by the Bharathidasan University (Table 1.13.)

Table 1.13. Details of Certificate Programmes Offered in Commerce.

S. No.	Programmes Offered	Duration	Beneficiaries
1.	Entrepreneurship and Career Development	6 Months	Students of any discipline

- Certificate Course in Tailoring and Training on Yoga are also conducted by the institution as value added courses (Table 1.14.)

Table 1.14. Enrolment of students in Tailoring Course.

S. No.	Programmes Offered	Duration	Beneficiaries
1.	Certificate Course in Tailoring	6 Months	Students of any discipline

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

The institution applies the following appraisal and control mechanisms to ensure effective implementation of the objectives of the curriculum.

- Responses of the students to the teachers' questions during the class room teaching and at the end of the courses are recorded
- Resource materials and assignments prepared by the students for the University examinations are analysed by the members of the faculty
- Cycle tests and model exams are conducted to monitor the outcomes of the curriculum transactions
- Analysis of students' feedback
- The marks obtained in the summative examinations held at the end of every semester are also assessed and necessary actions are taken

1.2. Academic Flexibility

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

As an affiliated College the institution follows the curriculum prescribed by the University. However, the institution offers the following diploma/ certificate programmes on the basis of students choice.

Goal

To make the students readily employable, 3 diploma courses and 12 certificate courses are offered, with the following **objectives**.

1. To help non computer students to acquire computer literacy
2. To meet the expectations of the employers
3. To empower the students to excel and win in the highly competitive job market
4. To impart self confidence in the young minds
5. To provide value addition to the course

Diploma/Certificate Programmes offered

1. D.C.A. - Diploma in Computer Applications
2. D.D.T.P. - Diploma in Desk Top Publishing
3. R.D.B.M.S. - Diploma in Relational Data Base Management System
4. Certificate programme in Computer Science
5. IBM Certificate course.
 - PG and Research department of Microbiology in collaboration with “Biominin” Laboratory offers 6 Training Programmes and Certificate Courses which help to provide value addition to their regular courses (Table 1.15)
 - PG and Research department of Biochemistry offers 2 certificate programmes which help the students to improve their knowledge and providing scope for getting job opportunities
 - Department of Nutrition & Dietetics offer 4 short term certificate courses to create skilled and knowledgeable women leaders in the fields of nursing and nutrition education that would promote them as successful employees / entrepreneurs
 - Department of Commerce has proposed to conduct a short term certificate course for the students of any discipline to become an entrepreneur. This paves way for the youngsters to stand and face the world independently through self employment, self recognition and status. The course will follow the curriculum framed by the Bharathidasan University
 - Certificate Course in Tailoring and Training on Yoga are also conducted, as value added courses

Table 1.15. Details of Training Programmes Offered in Microbiology.

S.No.	Programmes Offered	Duration	Beneficiaries
1.	Vermicomposting	3 to 6 Months	Students of Microbiology, Biochemistry, Chemistry and Nutrition and Dietetics
2.	Mushroom Cultivation		
3.	Biofertilizer Production		
4.	Micronutrient Preparation		
5.	Apiculture		

1.2.2. Does the institution offer programmes that facilitate twinning / dual degree? If ‘Yes’, give details.

Institution does not offer twinning / dual degree programmes, as it is not permitted by the affiliating University.

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

Academic flexibility

- The College is affiliated to the Bharathidasan University, Tiruchirappalli. The university offers 41 UG and 41 PG programmes and the college has opted for 11 UG and 13 PG programmes and Choice Based Credit System is followed for all the programmes
- With regard to the Skill Based Electives for the UG programmes, each department offers one out of the 10 papers offered by the University (Table 1.16.)
- With regard to Major Based Electives offered by the Parent University, relevant electives are selected by the students as per their choice, with the help of the faculty

Skill Development

- Skill based elective papers contribute to the development of skill of the students. Students of Mathematics and English learn the skill of office management; Students of Chemistry and Nutrition and Dietetics learn about herbal medicine; Choice of skill based elective papers help the students in terms of skill development and improve their potentiality for employment

Academic mobility

- Horizontal academic mobility is achieved when allied courses/a paper in core course/ Major/Skill based elective are handled by other departments. Vertical mobility with flexibility is achieved as students of any UG programme who have studied Business Mathematics or Statistics or Mathematics as core or allied subject are eligible for admission to M.C.A. and as students with any degree is admitted in M.B.A. programme (Table 1.17.)
- Horizontal mobility is also enabled for the students to pursue PG degree programmes. For example a student of Microbiology can pursue PG programmes in Biotechnology, Biochemistry, Industrial Microbiology, Environmental Microbiology, etc(Table 1.17.)

Progression to higher studies

- Progression to higher studies is achieved by offering PG programmes. Research programmes leading to M.Phil. degree are offered by 4 departments, and Ph.D. degree by 3 departments

Improved potentiality for employability

- The institutions offers value added diploma/certificate programmes, training and coaching classes in various aspects to enhance the potential for employability

Table 1.16. Skill Based Elective Papers offered by the University and chosen by the Departments.

S.No.	Departments	Papers Offered
1.	Economics	Travel and Tourism Management
2.	English	Office Management
3.	Business Administration	Office Management

S.No.	Departments	Papers Offered
4.	Commerce	Sales and Marketing Management
5.	Mathematics	Office Management
6.	Computer Science	Desktop Publishing
7.	Biochemistry	Herbal Medicine
8.	Microbiology	Clinical Microbiology
9.	Nutrition & Dietetics	Herbal Medicine
10.	Physics	Desktop Publishing
11.	Chemistry	Herbal Medicine

Table 1.17. Academic mobility and progression to higher studies.

S.No.	Programme	Papers handled by other Departments	Departments Handling the Papers	Progression to higher studies
1.	B.B.A.	Entrepreneurial Development	Commerce	M.B.A., M.Com.
2.	B.Sc., Mathematics	Allied Physics I, II, III	Physics	M.Sc., Mathematics M.C.A. M.Sc. I.T.
		1. Programming in C 2. Principles of IT 3. Working principles of internet 4. Recent trends in Enterprise IT	Computer Science	
3.	B.Sc., Computer Science	1. Algebra & Calculus 2. Numerical Analysis & Statistics 3. Operations Research	Mathematics	M.Sc., Computer Science M.C.A M.Sc. I.T.
		Allied Physics I, II, III	Physics	
4.	B.Sc., Biochemistry	General Chemistry I, II, III Microbiology	Chemistry Microbiology	M.Sc., Biochemistry M.Sc., Microbiology
5.	B.Sc., Microbiology	Biochemistry Practical	Biochemistry	M.Sc., Microbiology
		1. Principles of Nutrition 2. Nutrition for the family	Nutrition & Dietetics	M.Sc. Food Service Management and Dietetics, M.Sc. Biochemistry
6.	B.Sc., Nutrition & Dietetics	Food Microbiology Practical	Microbiology	M.Sc., Nutrition and Dietetics M.Sc. Microbiology M.Sc. Biochemistry
		Basic Chemistry (Theory & Practical)	Chemistry	
		Biochemistry Practical	Biochemistry	
7.	B.Sc., Physics	Mathematics I, II, III	Mathematics	M.Sc., Physics M.C.A. M.Sc. I.T.
		1. Programming in C 2. Principles of I.T. 3. Working Principles of Internet 4. Recent Trends in Enterprise I.T.	Computer Science	
		1. Dream Weaver 2. Programming with C++	M.C.A.	
8.	B.Sc., Chemistry	Botany I, II, III Mathematics I, II, III Physics I, II, III	Botany Mathematics Physics	M.Sc., Chemistry M.Sc. Biochemistry

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

Being an unaided institution, all the programmes offered are self-financed (Table 1.18.)

Fee Structure

The College collects nominal fee for various courses as prescribed by the state government and no donation / capitation fee is collected (Table 1.19)

Table 1.18. Details of Programmes offered

S.No.	Under Graduate	S.No.	Post Graduate
1.	B.A. Economics	1.	M.A. Economics
2.	B.A. English	2.	M.A. English
3.	B.B.A.	3.	M.Com.
4.	B.Com.	4.	M.Sc. Mathematics
5.	B.Sc. Mathematics	5.	M.Sc. Computer Science
6.	B.Sc. Computer Science	6.	M.Sc. Biochemistry
7.	B.Sc. Biochemistry	7.	M.Sc. Microbiology
8.	B.Sc. Microbiology	8.	M.Sc. Food Service Management and Dietetics
9.	B.Sc. Nutrition and Dietetics	9.	M.Sc. Physics
10.	B.Sc. Physics	10.	M.Sc. Chemistry
11.	B.Sc. Chemistry	11.	M.Sc. Information Technology

S.No.	AICTE Approved PG Programmes	S.No	Research Programmes
1.	M.C.A.	1.	M.Phil. Biochemistry
2.	M.B.A.	2.	M.Phil. Microbiology
		3.	M.Phil. Commerce
		4.	M.Phil. Computer Science
		5.	Ph.D. Microbiology
		6.	Ph.D. Biochemistry
		7.	Ph.D. Computer Science

Table 1.19. Details of fee structure (per year in Rs.).

S.No.	Course	Academic Year			
		2011-2012	2012-2013	2013-2014	2014-2015
1.	B.A. English	9000	9000	9150	9150
2.	B.A. Economics	7000	7000	7150	7150
3.	B.B.A.	8000	8000	8150	8150
4.	B.Com.	7000	7000	7150	7150
5.	B.Sc. Mathematics	7000	7000	7150	7150
6.	B.Sc. Computer Science	9500	9500	9650	9650
7.	B.Sc. Biochemistry	9500	9500	9650	9650
8.	B.Sc. Microbiology	10,000	10,000	10,150	10,150
9.	B.Sc. Nutrition & Dietetics	10,000	10,000	10,150	10,150
10.	B.Sc. Physics	8000	8000	8150	8150
11.	B.Sc. Chemistry	8000	8000	8150	8150

S.No.	Course	Academic Year			
		2011-2012	2012-2013	2013-2014	2014-2015
12.	M.A. Economics	10,000	10,000	10,150	10,150
13.	M.A. English*	-	-	-	24,000
14.	M.Com.	10,400	10,400	10,550	10,550
15.	M.Sc. Mathematics	10,400	10,400	10,550	10,550
16.	M.Sc. Computer Science	13,500	13,500	13,650	13,650
17.	M.Sc. I.T.	13,500	13,500	13,650	13,650
18.	M.Sc. Biochemistry	14,000	14,000	14,150	14,150
19.	M.Sc. Microbiology	13,900	13,900	14,050	14,050
20.	M.Sc. Biotechnology	22,000	22,000	22,150	-
21.	M.Sc. Food Service Management & Dietetics	12,900	12,900	13,050	13,050
22.	M.Sc. Physics	13,500	13,500	13,650	13,650
23.	M.Sc. Chemistry	13,500	13,500	13,650	13,650
24.	M.B.A.	34,000	34,000	34,150	34,150
25.	M.C.A.	30,000	30,000	30,150	30,150
26.	M.Phil. Biochemistry	12,400	12,500	13,000	13,000
27.	M.Phil. Microbiology	12,400	12,500	13,000	13,000
28.	M.Phil. Computer Science	12,400	12,500	13,000	13,000
29.	M.Phil. Commerce	12,400	12,500	13,000	13,000

* M.A. English Programme started in the Academic Year 2014-2015

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

- To meet the regional and global employment markets, hardware classes are conducted for the M.Sc., Computer Science, M.Sc., Information Technology and M.C.A. students (Table 1.20.)
- Spoken English Classes are conducted on alternate Saturdays in the morning session for the first year UG students and weekly one hour for the final year PG students to develop their communication skills (Table 1.21.)
- The Institution has established a Language Lab for the benefit of the first year PG students to develop their LSRW (Listening, Speaking, Reading & Writing) skills (Table 1.22.)
- The college has executed and entered into Memorandum of Understanding with CSC to conduct “Sales Associate” – a one month course under “Retail Sector” under STAR scheme announced by NSDC through its branches in Tamil Nadu with the aim to encourage skill development for youth with stipend of Rs.1,000/- and certificates. On 10th April 2014, 160 students wrote the final examination in the campus and 159 students passed
- Skill oriented programmes such as edible mushroom cultivation, vermi composting, apiculture and biofertilizers production are conducted by the department of Microbiology

Table 1.20. Details of additional skill oriented programmes conducted.

S. No.	Date	Topic	Resource Person	Classes	No. of students benefited
1.	12.10.09	Input/ Output Devices and Trouble Shooting	Mr. K. Mohan, System Manager, S.T.E.T. Women's College, Sundarakkottai, Mannargudi	II M.Sc.CS. II M.Sc.IT. II M.C.A.	92
2.	15.10.10	PC Assembly and Hardware Maintenance	Mr. R.Bala Murali Krishnan Unique Technology Tiruchirappalli	II M.Sc.CS. II M.Sc.IT. II M.C.A.	89
3.	30.09.11	Inside your PC (To Know) Networking Fundamentals	Mr. R.Bala Murali Krishnan Unique Technology Tiruchirappalli	II M.Sc.CS. II M.Sc. IT II M.C.A.	105
4.	04.07.12	Software Installation & Upgrades	Mr. R.Bala Murali Krishnan Senior Hardware Engineer SB Systems ,Tiruchirappalli	II M.Sc.CS. II M.Sc. IT. II M.C.A.	98
5.	28.12.12 - 29.12.12	Network setup and Maintenance	Mr. K. Muruganathan A.V.V.M. Sri Pushpam College(Aut), Poondi	II M.Sc. CS II M.Sc.I.T. II M.C.A.	98
6.	08.08.13	PC Assembly and Software Installation	Mr. K.Vinayakan, Asst. Professor, S.T.E.T. Women's College, Sundarakkottai, Mannargudi	II M.Sc. CS II M.Sc. IT II M.C.A. III M.C.A.	138

Table 1.21. Details of Spoken English classes conducted.

S. No.	Year	No. of students attended	No. of Hours instructed	
			Odd Semester	Even Semester
1.	2009-2010	988	24	30
2.	2010-2011	926	30	33
3.	2011-2012	1070	27	27
4.	2012-2013	1075	27	33
5.	2013-2014	1051	27	33

Table 1.22. Details of Language Laboratory classes conducted.

S. No.	Year	No. of students attended	No. of Hours instructed	
			Odd Semester	Even Semester
1.	2011-2012	366	28	43
2.	2012-2013	388	28	42
3.	2013-2014	377	24	33

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

Yes, the University permits the flexibility of combining the conventional face-to-face and distance mode of education for the students. The Institution also supports the students to take the advantage of such provisions for their benefit. Students are permitted to do any other PG programme of the Parent University or other universities in the distant mode (Table 1.23.)

Table 1.23. Details of conventional face-to-face and distance mode of education.

S.No.	Batch	Class	Name of the student	Programme	University
1.	2011-2013	M.Com.	R.Sindhubharathi	M.B.A.	Bharathidasan
2.	2011-2013	M.Com.	R.Nivetha	M.B.A.	Bharathidasan
3.	2012-2014	M.Com.	R.Akila	M.B.A.	Bharathidasan
4.	2012-2014	M.Sc. Mathematics	R.Bhuvaneshwari	M.B.A.	Alagappa

1.3. Curriculum Enrichment

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

Supplements for the University’s curriculum

University’s curriculum is supplemented by seminars, guest lectures, internships and industrial visits.

- National seminars were organised by the following departments, inviting eminent resource persons from other institutions (Table 1.24)
- Seminars /workshops are also arranged by the departments
- M.Sc., Biochemistry, Computer Science, Information Technology and Master of Computer Application students went on industrial visits to software companies and M.B.A. students, to corporate companies / firms
- Students of B.Sc., Nutrition and Dietetics went on Dietetic training at Meenakshi Hospital, Thanjavur
- Students of M.Sc., Food Service Management & Dietetics went on Dietetic Training and Catering Internship at Kovai Medical centre & Hospital, Coimbatore and Hotel Sivapriya & Valley View Inn Kodaikkanal (Table 1.25. & 1.26.)
- M.C.A., M.Sc., Information Technology and Computer Science students went on Internship at Target Soft solutions, icom soft solutions and Sabre IT Solutions Pvt. Ltd. Chennai (Table 1.27., 1.28. & 1.29.)
- Students of B.Sc., Biochemistry and M.Sc., Microbiology went on clinical training at Meenakshi Hospital, Thanjavur (Table 1.30. & 1.31.)

Integration of curriculum with the goals and objectives of the institution

- The goals and objectives of the institution are to empower the rural women through higher education. As a centre for higher education, the institution integrates the curriculum with

the training programme. Training for the exploitation of rural resources such as crop residues and transformation into value added products such as edible mushroom, vermicompost, biofertilizers, etc., is given and thus they are trained in self employment avenues

Table 1.24. Details of National seminars/conferences organised.

S.No.	Date	Department	Topic
1.	19.01.12	M.B.A.	Key Concepts in Management Research
2.	20.01.12	Computer Science, M.C.A, Information Technology	Emerging Trends in Computer Science
3.	21.01.12	Biochemistry, Microbiology, Biotechnology, Nutrition & Dietetics	Biotechnological & Nanotechnological Approaches in Food Processing

Table 1.25. Details of Dietetics Internship.

S.No.	Batch	Place	Date	No. of students
1.	2008-2010	Kovai Medical centre & Hospital, Coimbatore	05.06.09-05.07.09	28
2.	2009-2011	Kovai Medical centre & Hospital, Coimbatore	21.11.10-20.12.10	17
3.	2010-2012	Kovai Medical centre & Hospital, Coimbatore	15.11.11-30.11.11	26
4.	2011-2013	Kovai Medical centre & Hospital, Coimbatore	09.02.13-23.02.13	15
5.	2012-2014	Kovai Medical centre & Hospital, Coimbatore	10.02.14-24.02.14	21

Table 1.26. Details of Catering Internship.

S.No.	Batch	Place	Date	No. of students
1.	2008-2010	Hotel Sivapriya & Valley View Inn Kodaikkanal	16.11.09-25.11.09	28
2.	2009-2011	Hotel Sivapriya & Valley View Inn Kodaikkanal	01.06.10-10.06.10	17
3.	2010-2012	Hotel Sivapriya & Valley View Inn Kodaikkanal	21.06.11-31.06.11	26
4.	2011-2013	Hotel Sivapriya & Valley View Inn Kodaikkanal	04.06.12-13.06.12	15
5.	2012-2014	Hotel Sivapriya & Valley View Inn Kodaikkanal	01.06.13-10.06.13	17

Table 1.27. Details of Internship by Information Technology students.

S.No.	Batch	Place	Date	No. of students
1.	2008-2010	Sabre IT Solutions Pvt. Ltd., Chennai	04.01.10-08.01.10	34
2.	2009-2011	Target Software Solutions, Chennai & iCom Soft Solutions, Chennai	13.12.10-24.12.10	30

S.No.	Batch	Place	Date	No. of students
	2009-2011	Target Software Solutions Pvt. Ltd., Chennai and I Com Soft Solutions, Chennai	03.01.11-13.01.11	30
		Sabre IT Solutions Pvt. Ltd., Chennai	18.01.11-22.01.11	30
4.	2010-2012	Target Software Solutions, Chennai	21.12.11-30.12.11	32
		I Com Soft Solutions, Chennai	02.01.12-11.01.12	32
		Sabre IT Solutions Pvt. Ltd., Chennai	18.01.12-23.01.12	32
5.	2011-2013	Sabre IT Solutions Pvt. Ltd., Chennai	07.01.13-11.01.13	38
6.	2012-2014	Sabre IT Solutions Pvt. Ltd., Chennai	06.01.14-10.01.14	29

Table 1.28. Details of Internship by Computer Science students.

S.No.	Batch	Place	Date	No. of students
1.	2008-2010	Sabre IT Solutions Pvt. Ltd., Chennai	18.01.10-22.01.10	18
2.	2009-2011	Sabre IT Solutions Pvt. Ltd., Chennai	03.01.11-07.01.11	24
3.	2010-2012	Sabre IT Solutions Pvt. Ltd., Chennai	02.01.12-06.01.12	33
4.	2011-2013	Sabre IT Solutions Pvt. Ltd., Chennai	21.01.13-25.01.13	22
5.	2012-2014	Sabre IT Solutions Pvt. Ltd., Chennai	20.01.14-24.01.14	32

Table 1.29. Details of Internship by M.C.A.

S.No.	Batch	Place	Date	No. of students
1.	2007-2010	Sabre IT Solutions Pvt. Ltd., Chennai	01.06.09-05.06.09	40
2.	2008-2011	Sabre IT Solutions Pvt. Ltd., Chennai	07.06.10-11.06.10	35
3.	2009-2012	Sabre IT Solutions Pvt. Ltd., Chennai	18.06.11-23.06.11	40
4.	2010-2013	Sabre IT Solutions Pvt. Ltd., Chennai	20.10.12-25.10.12	38
5.	2011-2014	Sabre IT Solutions Pvt. Ltd., Chennai	11.11.13-15.11.13	38

Table 1.30. Details of Internship by Biochemistry

S.No.	Batch	Place	Date	No. of students
1.	2010-2011	Bharathiraja Speciality Hospital, T. Nagar, Chennai	07.03.11-08.03.11	32
		Murugappa Research Centre, Taramani	07.03.11-08.03.11	32
		Madras Pharamaceutical Ltd., Chennai	09.03.11	32
		V.R.R. Diagnostc Centre, GN Chetty Road, Chennai.	10.03.11	32
2.	2012-2013	V.R.R. Institute of Biomedical Science, Kattupakkam, Chennai	24.12.12-26.12.12	31
		V.R.R. Diagnostic Centre, GN Chetty Road, Chennai	27.12.12-28.12.12	31
3.	2013-2014	V.R.R. Institute of Biomedical Science, Kattupakkam, Chennai	24.02.14-28.02.14	37
		V.R.R. Diagnostic Centre, GN Chetty Road, Chennai	01.03.14	37
		TamilNadu Rice Research Institute, Aduthurai	19.02.14	23
		Meenakshi Hospital, Thanjavur	02.06.14-30.06.14	7

Table 1.31. Details of Internship by Microbiology

S.No.	Batch	Place	Date	No. of students
1.	2013-2015	Meenakshi Hospital, Thanjavur	02.08.14-31.08.14	32

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

- Feedbacks on the curriculum given by the alumni / industrialists are transmitted to the University through the faculties who are the members of the Board of Studies of their respective departments to modify / enrich the curriculum

- Since our College students are mostly from rural areas, Department of Computer Science / Computer Applications offers D.C.A., D.D.T.P. and R.D.B.M.S. programmes after regular class hours to make them computer literates for which the departments have developed the curriculum. The department of Computer Science also offers a certificate programme for the students of Nutrition and Dietetics, Food Service Management and Dietetics and UG / PG students of Chemistry, since they do not study any paper in Computer Science in their curriculum
- Digital Dish antenna system has been installed for the Mathematics students to learn short cut methods to do problems quickly by accessing the active Vedic Mathematics channel
- To meet the regional and global employment markets, hardware classes are conducted for the M.Sc. Computer Science, M.Sc. Information Technology and M.C.A. students
- Entrepreneurship development programmes are conducted to motivate the students to become employers in various fields

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

- The University has prescribed the papers relating to Gender, Climate Change, Environmental Education and Human Rights. They are included in the curriculum and the institution allots time and resource persons to teach the above said courses to the students (Table 1.32.)
- ICT enabled teaching-learning gadgets and training are provided to teachers and taught
- The institution has created environmental consciousness among the students by declaring the campus polythene free, extensive plantation and installation of RWH. NSS Volunteers also participated in government organized “Voters’ Day” rally emphasizing the voters’ right

Table 1.32. Details of integration of crosscutting issues into the Curriculum.

S.No.	Class	Semester	Papers taught
1.	I UG (all programmes)	II	Environmental Studies
2.	I UG (all programmes)	II	Value Education
3.	III UG (all programmes)	VI	Gender Studies
4.	II B.Sc., Physics & II B.Sc., Computer Science	IV	Page Maker
5.	III B.Sc., Physics & III B.Sc., Computer Science	V	Corel Draw & Dream Weaver
6.	III UG (all programmes)	V	Soft Skill Development

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

- Soft skill programmes, guest lectures, workshops, internships, industrial visits and guidance for competitive exams, enrich the theoretical and practical knowledge of the students

- The Entrepreneurial Development Cell creates awareness among the students about various facets of entrepreneurship as an alternative career option and also to highlight the merits of pursuing such an option
- Extension activities taken up by the students of all the departments inculcate the sense of social responsibility to the society besides the programmes of NSS, Rotaract Club and Student Exnora
- Moral instruction and yoga classes inculcate the value of human life and shape the character of students
- Three students have been selected and enrolled in IAS Training institute, Chennai. All expenses including training, boarding and lodging are borne by the management
- Self employment opportunity is provided by giving training in analytical instrumentation, edible mushroom cultivation, vermicomposting, biofertilizer production, etc.

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

- Questionnaire for feedback on curriculum are given to the students / alumnae / teachers / parents / industrialists for their opinion
- Feedbacks on the curriculum given by the stakeholders are sent to the Board of Studies of the parent University for making modifications in the syllabus to enrich the curriculum
- Most of the departments have expressed their views regarding modification in the syllabus to the chairman of their respective Board of Studies of the University
- Since the curriculum has not been revised for the past 5 years, students of UG and PG courses are studying the same syllabus. Therefore, the need for the revision of the syllabus was emphasized by the principal of the institution in the senate meeting of the University held on 19.07.2014

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

- The IQAC monitors the quality of its enrichment programmes through feedbacks obtained from the students.
- The institution monitors and evaluates the quality of its enrichment programmes on the basis of the number of students selected through the campus interview (Table 1.33.)
- The quality of enrichment programme is reflected in 100% pass in the University examinations in most of the disciplines at UG & PG levels

Table 1.33. Details of Placement through the Placement Cell.

S.No.	Company	Post	Date of Inter-view	Venue	No. of students Attended	No. of students Selected
1.	WIPRO Technologies, Chennai	Programme Developer	21.01.12	A.D.M. College for Women (Aut), Nagapattinam	33	4
2.	L-CUBE Innovative Solutions Pvt. Ltd., Chennai	Business Development Engineer	22.03.12	S.T.E.T Women's College, Sundarakkottai, Mannargudi	65	8
3.	Anromeda Marketing Pvt. Ltd., Chennai	Telemarketing Executives	29.03.12	S.T.E.T. Women's College, Sundarakkottai, Mannargudi	168	36
4.	GSA INFOTECH Chennai	BPO-Non voice Executive Non Voice	29.06.12	S.T.E.T. Women's College, Sundarakkottai, Mannargudi	18	6
5.	TCS Chennai	Executive	07.04.12	Rajah Serfoji Govt. College (Aut) Thanjavur	7	1
6.	L-CUBE Innovative Solutions Pvt. Ltd. Chennai	Account Receivable Analyst	10.04.12	S.T.E.T. Women's College, Sundarakkottai, Mannargudi	29	9
7.	Hundai/ICICI, Chennai	Marketing, coordinators	10.04.12	S.T.E.T. Women's College, Sundarakkottai, Mannargudi	29	12
8.	Elysium Technologies Pvt. Ltd. Madurai	Trainee Officer	22.03.13	S.T.E.T Women's College, Sundarakkottai, Mannargudi	96	11
9.	Sans Pareil IT Services Pvt. Ltd. Chennai	Entry Level Professional in Operations	26.11.13	S.T.E.T Women's College, Sundarakkottai, Mannargudi	28	2
10.	VDART Pvt. Ltd. Chennai	Trainee Officer	24.05.14	Periyar Maniyammai University Thanjavur	6	2
11.	Suvaki Entertainment Pvt Ltd., Chennai.	Business Development Executive	24.10.13	S.T.E.T Women's College, Sundarakkottai, Mannargudi	16	2
12.	ICICI Bank	Sales Officer	05.07.14	Swami Dhyanatha College of Arts and Science, Manjakudi	36	20

1.4. Feedback System

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

The Institution follows the curriculum designed by the parent University. The College does not make any change in the curriculum as it is an affiliated College. However, the views of the students, members of the staff and industries regarding the curriculum are collected and submitted to the University through the members of Board of Studies.

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

Feedbacks from the students and stakeholders such as teachers, parents, corporates and industrialists are obtained through the structured questionnaires prepared by the institution. The College collects feedback on the curriculum from the stakeholders. Any change required in the curriculum is conveyed to the University. The Principal and members of the Board of Studies share their views on curriculum revision during the meeting of the Board of studies of the respective disciplines in the University.

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

The following new programmes / additional sections were introduced by the institution in the past four years (Table 1.34.)

Rationale for introducing the new programmes

- Due to the continuous increased demand for English language teachers in schools and Colleges and the consequent demand for the English programme, the College applied and obtained affiliation from the parent University for B.A. English in 2011-12 and M.A. English in 2014-15
- Students also enjoy the benefit of continuing their higher studies and research in our College, as M.Phil. and Ph.D. programmes have been introduced, as approved by the parent University in some departments
- Management itself desires introduction of new programmes, though not feasible financially

Table 1.34. New programmes introduced during the past 4 years.

S.No.	Year	Programme
1.	2011-2012	B.A English Literature M.Phil. Computer Science M.Phil. Commerce Ph.D. Biochemistry Ph.D. Computer Science
2.	2014-2015	M.A. English

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

UG & PG students of Nutrition and Dietetics and Chemistry are offered certificate programmes in Computer Science, as these students do not study any paper in Computer Science as per curriculum and thus cent percent Computer literacy of all the students is ensured by the institution.

Criterion - II

Teaching – Learning and Evaluation

2.1. Student Enrolment and Profile

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

Publicity

The institution gives wide publicity about the various courses offered by the college through the prospectus, advertisement in news papers, local TV channels, college website, college notice board and also advertisement in the international journal entitled ‘Scientific Transactions in Environment and Technovation’ published by the institution.

Selection and transparency

The Admission Committee functions with the Principal, Head of the Departments and the University representative as members. Computerized rank list of applications for UG admission is prepared on the basis of the marks obtained by the applicants in Higher Secondary Examination. 50% of the sanctioned seats are filled as per the norms of the state government and university and the remaining 50% of the seats are under the management quota, which are also filled on the basis of merit. The list of selected candidates accordingly is put up on the notice board of the college.

Reservation policy is strictly followed in preparing the selection list for all the categories. The institution ensures selection of candidates on the basis of prescribed Government norms, which is as follows OC: 31%, BC: 30% (Muslim 3.5%) MBC/DNC: 20%, SC: 18% and ST: 1%. 3% in each of category of OC, BC, MBC and SC/ST are allotted to differently abled candidates. Six seats in UG and two seats in PG programme are reserved for ex-servicemen. 3% of seats in UG and 2% of seats in PG programme are reserved for sports persons. Advantage of 10 marks is added for the local students during the selection process (+2 students hailing from schools of the same educational district where the college is located) (Fig.1)

Admission Reservation Policy (TN)

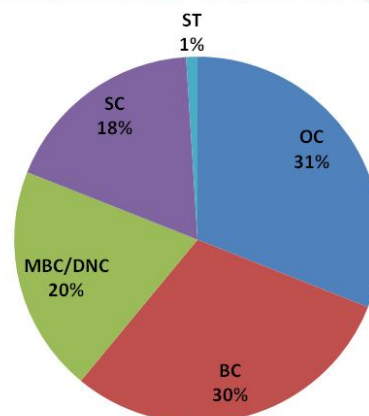


Fig 1.

Admission Procedure

Under Graduate and Post Graduate Programmes :

Stage – I

1. Issue of application forms and prospectus
2. Registration of filled in application forms within 15 days from the date of publication of +2 results for UG courses, and 15 days from the date of publication of UG results by the university for PG courses

Stage - II

3. Scrutiny of the received application forms

4. Preparation of list of selected candidates as per merit following the quota specified by the Government norms and the preparation of list of selected candidates under the management quota

Stage - III

5. Notification of the list of selected candidates for admission, in the College Notice Board
6. Dispatch of admission cards to the selected candidates, giving sufficient time to join the programme

Stage- IV

7. Enrolment of the selected candidates on the date of admission after thorough scrutiny of the certificates and after payment of the prescribed fee

Research Programmes

Selection for research degree programmes such as M.Phil., and Ph.D. are made as per the norms of the parent university.

M.Phil. Programme

Students who have completed master degree and secured 55% of marks or CGPA of 5.51 in a 10.00 point scale, under CBCS are given admission in the concerned subject in the respective areas of specialization. The SC/ST students are given 5% relaxation in the required minimum marks of the qualifying degrees.

Ph.D., programme

- A candidate with PG / M.Phil., Degree in the concerned subject can register under the approved research supervisor

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

Admission on the basis of merit

Selection procedure for UG and PG admission is purely on the basis of merit i.e. marks obtained in the qualifying examinations following the rules and regulations of both the parent University and the State Government.

Admission to M.Phil. Programme

The eligible candidates have to apply to the Registrar of Bharathidasan University, Tiruchirappalli and a copy of the same to the Principal, STET Women's College, Sundarakkottai. Entrance test and interview are conducted for all the applicants. The written test would comprise objective questions for 75 marks and 25 marks for interview examinations. The cumulative marks are added to the marks obtained in PG programme. Rank list is prepared and the selected candidates are communicated for admission.

Admission to Ph.D. Programme

- Application form for admission and provisional registration should be obtained from the university or down loaded from the university website

- A brief research proposal of 500 words should be submitted along with the application form
- Departmental Research Committee selects the candidates as per norms
- Departmental Research Committee forwards the selected applications with its recommendation to the Registrar of the University
- Registrar informs the candidate about the provisional selection

Admission on the basis of common admission test

Candidates with an aggregate of not less than 50% in part III at degree level are eligible for M.B.A admission, whereas for M.C.A programme any undergraduate with mathematics or statistics at the degree or +2 level is eligible for admission. Since both M.B.A. and M.C.A. are AICTE approved programmes, the students have to appear either for TANCET conducted by the Anna University, Chennai or CET conducted by the Consortium of Self Financing Colleges of Tamil Nadu. The candidates are admitted as per the University and Government norms. Seats under the Government quota are filled through counselling conducted by the Anna University on the basis of marks obtained in TANCET and the seats under management quota are filled on the basis of marks obtained in part – III at UG level and CET examination.

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

A comparison of minimum and maximum percentage of marks obtained by S.T.E.T Women's College and A. V.V.M Sri Pushpam College, Poondi, Thanjavur in the past four years reveals the following points.

The minimum percentage of marks of the candidates for admission (UG) was in the range of 42 - 51 and 40 – 57 in S.T.E.T. Women's College and A. V.V.M. Sri Pushpam College respectively. Maximum percentage of marks obtained by the candidates at the entry level was in the range of 75 – 94 and 63 – 94 in S.T.E.T. Women's College and A. V.V.M. Sri Pushpam College respectively (Table 2.1.a.).

Table 2.1. (a) Details of Minimum and Maximum percentage of marks at the entry level (UG) in S.T.E.T Women's College, Mannargudi and A.V.V.M Sri Pushpam College, Poondi, Thanjavur – a comparison

S. No.	Programmes	Academic Year															
		2011-2012				2012-2013				2013-2014				2014-2015			
		S.T.E.T.		A.V.V.M.		S.T.E.T.		A.V.V.M.		S.T.E.T.		A.V.V.M.		S.T.E.T.		A.V.V.M.	
Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max		
1	B.A. Economics	42	81	40	63	42	82	41	66	43	77	42	66	40	80	42	66
2	B.A. English	50	93	42	68	52	89	43	67	50	84	44	70	47	87	44	70
3	B.B.A.	45	94	49	69	45	89	43	68	47	87	43	68	43	91	43	68
4	B.Com.	47	92	44	72	45	94	42	71	43	90	43	70	45	92	43	70
5	B.Sc. Maths	54	87	49	82	51	93	44	83	57	94	48	80	57	92	48	80
6	B.Sc.Comp. Sci	47	86	49	89	49	93	43	68	48	88	46	86	44	93	46	86
7	B.Sc. Biochem	44	90	-	-	45	82	-	-	45	80	-	-	42	77	-	-
8	B.Sc.Microbiology	46	82	47	75	48	91	45	78	47	81	42	72	43	86	42	72
9	B.Sc. N & D	44	75	-	-	45	81	-	-	42	88	-	-	45	94	-	-
10	B.Sc. Physics	48	89	53	87	48	87	54	89	49	92	50	85	56	86	50	85
11	B.Sc. Chem	43	85	55	84	47	83	57	83	44	90	55	82	44	85	52	82

- Minimum percentage of marks at the entry level for PG in S.T.E.T. Women’s College in 2014-2015 ranges from 53 to 67 and the same varies from 42 to 60 in the institution taken for comparison (Table 2.1.b.)
- Maximum percentage of marks in S.T.E.T Women’s College in 2014-2015 at the entry level for PG ranges from 73 to 91, and it varies between 67 and 89 in the other institution

Table 2.1. (b) Details of Minimum and Maximum percentage marks at the entry level (PG) in S.T.E.T Women’s College, Mannargudi and A.V.V.M Sri Pushpam College, Poondi, Thanjavur – a comparison

S. No.	Programmes	Academic Year															
		2011-2012				2012-2013				2013-2014				2014-2015			
		S.T.E.T.		A.V.V.M.		S.T.E.T.		A.V.V.M.		S.T.E.T.		A.V.V.M.		S.T.E.T.		A.V.V.M.	
		Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
1	M.A. Economics	62	75	40	67	60	76	41	69	-	-	42	69	62	73	42	70
2	M.Com.	58	80	47	72	58	82	44	71	62	74	48	70	54	75	42	70
3	M.Sc. Maths	65	92	54	88	75	91	52	83	65	96	52	86	59	86	51	82
4	M.Sc. CSC	63	89	58	86	63	90	59	87	68	87	57	83	67	91	56	83
5	M.Sc. IT	60	89	54	85	65	87	53	86	66	86	52	82	66	85	52	84
6	M.Sc., Biochem	61	81	-	-	58	86	-	-	62	87	-	-	62	77	-	-
7	M.Sc. Microbiology	61	86	60	88	62	83	61	89	62	88	58	85	67	82	58	84
8	M.Sc. Biotech	62	79	56	79	68	84	59	83	-	-	54	74	-	-	55	80
9	M.Sc. FSMD	62	85	-	-	68	87	-	-	61	89	-	-	60	75	-	-
10	M.Sc. Physics	58	86	56	89	64	87	54	86	62	86	55	87	66	91	55	84
11	M.Sc. Chem	66	86	50	83	60	84	51	85	62	82	51	82	53	80	50	81
12	M.C.A.	64	88	60	87	67	85	61	88	56	82	56	86	63	87	60	85
13	M.B.A.	58	75	56	79	64	78	55	77	61	82	54	78	53	81	54	78
14	M.A English													60	73	45	67

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

Admission committee and tutorial system are the mechanism which review the admission process and student profiles. The admission committee ensures that the number of students admitted is equal to number of sanctioned strength for each programme. The committee reviews the demand for a particular programme on the basis of applications received and steps are being taken to enhance the sanctioned strength by the University so as to satisfy the increased demand of the society. In response to the request made by the institution, the university permits to enhance the sanctioned strength by 30% for that academic year.

The admission of students to the various programme is carried out in a decentralized manner – a unique feature of the institution. An admission processing committee of each department functions with HOD and members of the concerned department as members. The admission processing committee finalizes the selection of candidates as per the norms of the state government and university.

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

The admission to various programmes is an inclusive one in the institution. The College is strictly following the Government of Tamil Nadu Reservation Policy, OC: 31%, BC: 30% (Muslim 3.5%), MBC/DNC: 20%, SC: 18% and ST: 1%. 3% in each of category of OC, BC, MBC and SC/ST are allotted to differently abled candidates. Six seats in UG and two seats in PG programme are reserved for ex-servicemen. 3% of seats in UG and 2% of seats in PG programme are reserved for sports persons (Table 2.2.a. and b).

SC/ST: Percentage of SC / ST students admitted by the college is around 16% in the past 4 years – less than 19% reservation norm of Government. The prime reason for the shortfall is attributed to less number of applications from SC/ST candidates. The college assists/arranges scholarship for SC students, receive the amount and distributes to eligible applicants.

BC: Percentage of BC applicants admitted is around 30-32 satisfying the prescribed norm. As students of Backward/Most backward communities are not eligible for scholarship as per the present rules, management sanctions freeships to cover tuition fees/hostel fees/bus fees and for concession of payment of fees in installments

MBC: Admission of the student of Most Backward Community in UG is around 23% in the past four years. The trend is also constant. In the PG, admission of students of most backward community varies between 18% and 23%. In the absence of government scholarships, free-ships offered by the management, concessions in tuition fees/transport fees/hostel fees, payment of fees in installments motivate the students of this community to join in this institution.

Women: Being a women's college, all the students admitted are women students.

Differently abled Students: Percentage of this category of students in the total enrolment shows less than 1% which is due to less number of applicants. The institution has formed a committee for differently abled persons and suggestions of this committee are duly implemented. Infrastructure facilities such as ramp, lift, wheelchair, and user friendly toilet facilities are provided. Scholarship for differently abled persons are arranged and distributed.

Economically weaker section: 75% of the students (UG) enrolled belong to the economically weaker section.

Minority: Percentage of students enrolled is 8-10% in the past four years.

Any other: Sports persons are given preference in admission in programmes of their choice. The number of application forms received from SC/ST candidates is relatively less when compared to other categories. Hence the percentage of admission representing SC/ST is less (16%).

Table 2.2. a) Profile of the students enrolled under UG Programmes as per reservation policy.

S. No.	Academic Year	Profile of the students					No. of students under Government Quota	No. of students under Management Quota	Diversity of the students		
		OC	BC	MBC	SC	ST			Differently abled	Economically Weaker	Minority
1	2010-2011	143 (30.9)	138 (29.8)	108 (23.3)	74 (16)	-	463 (50)	461 (50)	1 (0.10)	685 (74.13)	74 (8.00)
2	2011-2012	161 (32.5)	170 (21.03)	110 (15.7)	82 (50)	-	523 (50)	522 (0.47)	5 (74.35)	777 (7.08)	74 (30.8)
3	2012-2013	163 (30.7)	160 (30.13)	114 (21.5)	94 (17.7)	-	531 (50)	529 (50)	6 (0.56)	800 (75.47)	109 (10.28)
4	2013-2014	164 (30.7)	163 (30.5)	121 (22.6)	87 (16.3)	-	535 (50)	534 (50)	5 (0.46)	810 (75.77)	81 (7.57)
5	2014-2015	166 (30.6)	168 (31)	123 (22.7)	85 (15.7)	1 (0.18)	542 (50)	541 (50)	2 (0.18)	793 (73.2)	79 (7.29)

(Figures in parenthesis indicate percentage)

Table 2.2. a) Profile of the students enrolled under PG Programmes as per reservation policy.

S. No.	Academic Year	Profile of the students					No. of students under Government Quota	No. of students under Management Quota	Diversity of the students		
		OC	BC	MBC	SC	ST			Differently abled	Economically Weaker	Minority
1	2010-2011	65 (31.9)	70 (34.3)	39 (17.6)	33 (16.2)	-	204 (50)	195 (48.9)	-	320 (80.28)	12 (3.0)
2	2011-2012	63 (32.4)	63 (32.4)	38 (19.5)	29 (14.9)	1 (0.51)	194 (51.73)	181 (48.27)	6 (1.6)	300 (80)	11 (2.93)
3	2012-2013	67 (31.6)	68 (32.0)	43 (20.2)	34 (16.0)	-	212 (52.7)	190 (47.26)	-	330 (82.08)	9 (2.23)
4	2013-2014	55 (29.2)	65 (34.5)	41 (21.8)	27 (14.3)	-	188 (55.4)	151 (44.6)	-	299 (88.20)	12 (3.53)
5	2014-2015	72 (32.7)	81 (36.8)	37 (16.8)	30 (13.6)	-	220 (54.5)	184 (45.5)	-	254 (62.8)	13 (3.27)

(Figures in parenthesis indicate percentage)

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

The total admissions to UG programmes in the past four years show increasing trends, while in PG total admission show fluctuating trend. There has been a consistent increase in the demand for the UG programmes and the University authorities permitted 30% increase in the sanctioned strength on the request from the college.

The demand ratios in UG and PG programmes are consistently greater than 1 in the past 4 years. The demand ratio in the current year has been 1:1.5 or more in 5 UG programmes while it is 1:1.9 in M.B.A. programme. Highest demand ratio prevails in M.Phil. (Computer Science) programme in the recent past (Table 2.3).

Reason for decrease in the admissions

- New higher educational institutions in the neighbouring area
- Free education in government colleges
- The mindset of some of the parents to provide higher education in city colleges.
- Preference for B.Ed., programme after graduation due to relatively more job opportunities in schools.
- Distance education programmes offered by various universities.

Steps taken to increase the admission

- Organizing 'on' and 'off' campus educational career guidance programmes
- Allowing the students to remit the term fee in installment basis
- Waiving bus fare, hostel fee, concession in tuition fee, etc.,
- Extending the transport facility to all the interior villages
- Instilling confidence in the minds of parents regarding the safety of their wards in reaching the college and return back home.

Table 2.3. Details of Demand Ratios in UG, PG and Research Programmes.

S. No.	Programmes	Academic Year											
		2011-2012			2012-2013			2013-2014			2014-2015		
		No. of Applications	Student's Admitted	Demand Ratio	No. of Applications	Student's Admitted	Demand Ratio	No. of Applications	Student's Admitted	Demand Ratio	No. of Applications	Student's Admitted	Demand Ratio
Under Graduate Programme													
1	B.A. Economics	80	52	1:1.5	62	43	1:1.4	72	47	1:1.5	72	52	1:1.4
2	B.A. English	209	60	1:3.4	123	78	1:1.6	105	77	1:1.4	118	78	1:1.5
3	B.B.A. Bus. Admn	176	129	1:1.4	157	129	1:1.2	148	130	1:1	171	130	1:1.3
4	B.Com. Commerce	226	163	1:1.4	192	166	1:1.2	185	168	1:1.1	194	169	1:1.1
5	B.Sc. Mathematics	272	165	1:1.6	219	164	1:1.3	202	164	1:1.2	260	176	1:1.5
6	B.Sc. Comp.Science	298	172	1:1.7	236	177	1:1.3	281	177	1:1.6	260	180	1:1.4
7	B.Sc. Biochemistry	86	65	1:1.3	75	65	1:1.2	77	63	1:1.2	90	65	1:1.4
8	B.Sc. Microbiology	103	62	1:1.6	84	65	1:1.3	97	65	1:1.5	96	65	1:1.5
9	B.Sc. Nutrition & Dietetics	71	52	1:1.4	86	52	1:1.7	66	52	1:1.3	69	52	1:1.3
10	B.Sc. Physics	82	52	1:1.6	69	52	1:1.3	73	52	1:1.4	82	52	1:1.6
11	B.Sc. Chemistry	107	65	1:1.6	76	65	1:1.2	83	65	1:1.3	98	65	1:1.5
Post Graduate Programme													
1	M.A. Economics	18	17	1:1.0	23	23	1:1	-	-	-	17	17	1:1
2	M.Com. Commerce	50	43	1:1.2	43	41	1:1.0	32	27	1:1.2	59	52	1:1.13
3	M.Sc. Mathematics	50	39	1:1.3	67	54	1:1.2	53	45	1:1.2	62	45	1:1.3
4	M.Sc. Comp. Science	26	24	1:1.1	35	33	1:1.1	37	33	1:1.1	43	33	1:1.3
5	M.Sc. Inf. Tech.	41	40	1:1.2	31	31	1:1	23	20	1:1.2	33	31	1:1.0
6	M.Sc. Biochemistry	32	31	1:1.0	39	38	1:1.0	23	23	1:1	29	28	1:1
7	M.Sc. Microbiology	35	34	1:1.0	30	27	1:1.1	34	34	1:1	31	31	1:1
8	M.Sc. Biotechnology	17	17	1:1	8	8	1:1	-	-	-	-	-	-
9	M.Sc. Food Service Mgt & Dietetics	17	16	1:1.1	17	17	1:1	22	22	1:1	25	25	1:1
10	M.Sc. Physics	31	28	1:1.1	29	28	1:1.0	34	33	1:1.0	34	28	1:1.2
11	M.Sc. Chemistry	22	17	1:1.3	31	28	1:1.1	23	23	1:1	23	22	1:1.0
12	M.C.A. Comp. Appl.	45	39	1:1.2	43	39	1:1.1	43	38	1:1.1	40	38	1:1.1
13	M.B.A. Bus. Admn.	98	40	1:2.4	76	40	1:1.9	75	40	1:1.9	76	40	1:1.9
14	M.A. English	-	-	-	-	-	-	-	-	-	14	9	1:1.5
Research Programme													
1	M.Phil., Microbiology	6	6	1:1.0	14	12	1:1.2	8	8	1:1	6	5	1:1.2
2	M.Phil., Biochemistry	14	11	1:1.3	11	9	1:1.2	2	2	1:1	2	2	1:1
3	M.Phil., Commerce	5	5	1:1.0	14	12	1:1.2	6	6	1:1.0	6	4	1:1.5
4	M.Phil., Comp.Science	14	13	1:1.1	13	13	1:1.0	21	8	1:2.6	13	6	1:2.2

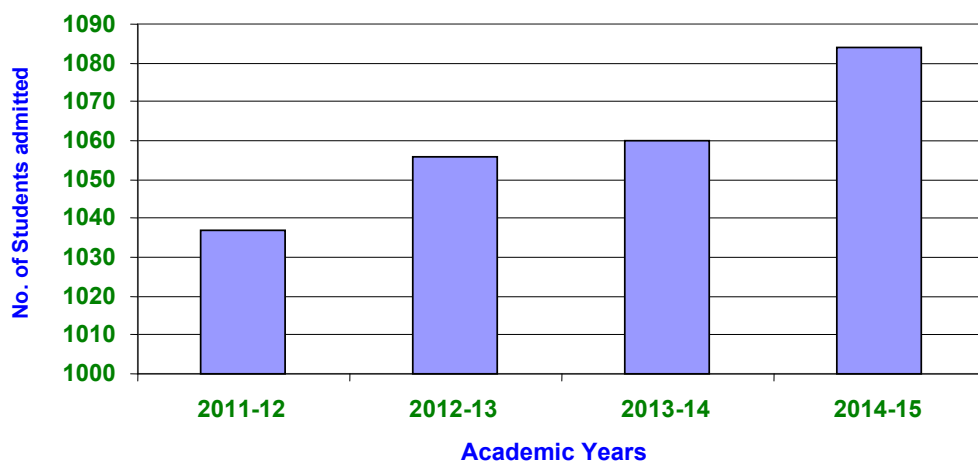
Fig.2. UG - Total Admissions

Fig.2. Students admitted in the UG programmes for the last four years

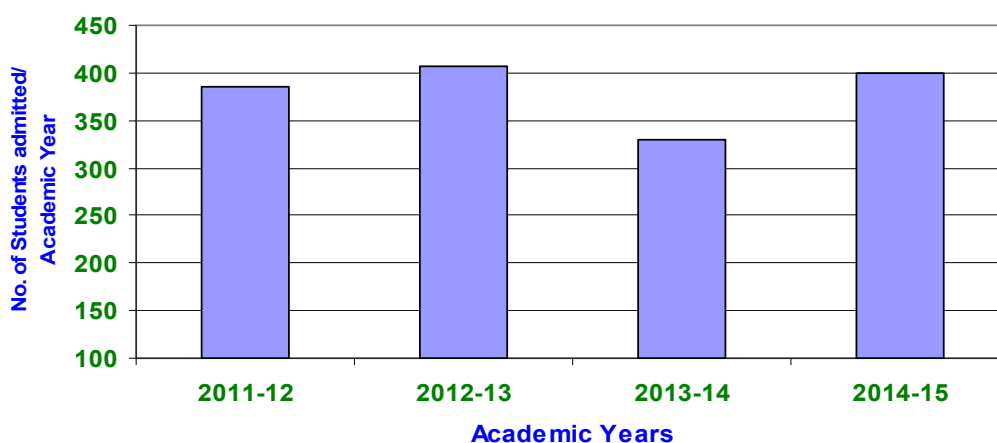
PG - Students Admission

Fig.3 Students admitted in the PG programmes for the last four years

2.2. Catering to Diverse needs of Students

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

- As per the government norms 3% in each of category of OC, BC, MBC and SC/ST are allotted to differently abled candidates and admission is made accordingly
- The institution facilitates the differently abled students to acquire scholarships from the government (Table 2.4.)
- The institution provides physical amenities such as ramp, wheel chair and lift
- A committee for differently abled persons constituted with a staff coordinator takes care of the welfare of the differently - abled students
- However less than 1% is the admission every year under this category

Table 2.4. Details of Scholarships received by the Differently - abled students.

S.No.	Academic Years	No. of Students	Scholarship	Total Amount (Rs.)
1	2006-2007	02	Physically Challenged State Government scholarship	3,300/-
2	2008-2009	03		7,850/-
3	2009-2010	03		9,200/-
4	2010-2011	02		6,500/-

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

Yes. The institution assesses the needs of the students in terms of knowledge and skills at the entry level and before the commencement of the programmes.

- To assess the communication (oral) skills, the students are asked to introduce themselves in English. They are asked to describe/comprehensive information regarding an object/a leader/ a picture
- To assess the writing skill, they are asked to prepare their resume in English/respond to an advertisement inviting application for job
- To test the subject knowledge, the concerned teachers conduct programmes in the concerned subject

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

The knowledge gap of the students at the entry level is assessed by the tutor in-charge. The institution takes all efforts to bridge the knowledge gap of the students, which are as follows

- Each department conducts Bridge course
- Conduct english spelling practice
- Training on construction of simple sentences in English and practices on oral communication
- Glossaries are prepared by the departments and supplied to the students in order to make them familiar with the technical terms in the concerned subjects

The assessment at the entry level helps the tutor to categorize the students as slow learners and advanced learners. Advanced learners are further motivated with value added courses and exposed to latest developments in the concerned subject so as to enhance curiosity for further learning. The slow learners are supported through bridge course, vocabulary development and remedial classes (Table 2.5.)

Table 2.5. Details of steps taken for diverse categories of students

A.	Advanced Learners	Issue of reference books during week ends, Computer training for elite group students, students selection through online test for UPSC training
B.	Slow Learners	Extra coaching; Special class arrangement; Issue of basic books; Practice on two marks questions and class tests during lunch hours
C.	Arrear Students	Remedial classes and class tests are conducted during last two hours of special day order (Saturday).

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

The university curriculum includes courses on Gender Studies and Environmental Studies.

Gender inclusion

The institution exclusively caters to the academic needs of the women students. The problem of Gender discrimination, eve teasing, harassment to women in the working place and public, etc. are highlighted to students and members of the staff (Table 2.6.).

Environmental Issues

Separation of waste into biodegradable and non biodegradable wastes and the recycling of biodegradable waste into composts, recycling of waste water, rain water harvesting, measures against polythene menace and tree coverage with shady trees in the campus sensitize staff and students about the environment.

Table 2.6. Details of sensitizing on gender inclusion, environment etc.,

S.No.	Under Graduate	Semester	Courses
1	I Year (All programmes)	II	• Environmental Studies
			• Value Education
2	III Year (All programmes)	V	• Soft Skill Development
		VI	• Gender Studies

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

The advanced learners are identified on the basis of their performance in the test, examinations, class room interaction and the interpersonal interactive skill. Such students are further motivated with reference books, edited books, journals, etc., and are given chance to lead in group discussions and quiz programme conducted in neighbouring institutions. They are introduced to sophisticated instruments and the operational procedures are being taught. They are also exposed to ICT enabled learning process. Smart boards, modules, Power Point Presentation, etc.

2.2.6. How does the institute collect, analyze and use the data and information on the academic performance (through the programme duration) of the students at risk of drop out (students from the disadvantaged sections of society, physically challenged, slow learners, economically weaker sections etc.)?

- The tutorial system with 25 students under the care of one tutor helps to identify the students at the risk of dropouts and analyse the data available.
- Marks obtained by the students in continuous internal assessment and end semester examinations throughout the programme duration of the students are analyzed.
- Slow learners who fail to keep pace with the learning are counselled and advised by the faculty and the latter provide study materials and train the slow learners. The tutorial system facilitates the identification of the problem of the students other than the academic performance.
- The causes for the risk of dropout of the students in the middle of their programme have been identified and measures are taken (Table 2.7., 2.8. a and b).

- The problems of the students of socially and economically weaker sections of the society are identified through personal counseling, and the psychological and financial problems are counseled suitably and financial support extended to prevent dropouts.

Table 2.7. Details of steps taken to solve the student's problem at the risk of drop out and other categories.

S.No	Problem	Action Taken
1	Financially Poor/ Economically Weaker	Freeship from the management to pay semester fees, bus fees, hostel fees
2	Arrangement of marriage	Counselling to parents to continue the studies of their wards
3	Fear in completing the programme	Counselling and motivating the students
4	Inferiority complex and inability to cope up with the fellow students	
5	Physically challenged	Care by committee for differently abled persons to help them in the campus by their classmates
6	Disadvantaged section of the society	Arranging Government Scholarships and other possible NGO's
7	Slow learners	Counselling, provision of study material

Table 2.8. a. Details of the number of UG students at the risk of drop out and counselling given.

S. No.	Programmes	Academic Year											
		2011-2014				2012-2015				2013-2016			
		DAS	PC	SL	EW	DAS	PC	SL	EW	DAS	PC	SL	EW
1	B.A. Economics	9	-	5	41	3	-	5	42	21	-	12	44
2	B.A. English	10	-	4	45	12	-	3	43	-	1	31	45
3	B.B.A. (Bus. Admn)	8	3	5	98	15	1	5	103	-	1	10	102
4	B.Com.(Commerce)	26	1	14	125	18	1	6	126	-	3	10	127
5	B.Sc. Mathematics	24	-	10	128	17	1	15	129	-	-	6	128
6	B.Sc. Comp. Science	8	-	3	130	21	1	6	135	-	-	5	140
7	B.Sc. Biochemistry	11	-	5	45	10	-	4	46	13	-	10	45
8	B.Sc. Microbiology	5	1	5	43	7	-	6	47	12	-	06	46
9	B.Sc. Nutrition & Dietetics	2	-	7	38	11	-	6	42	-	-	5	42
10	B.Sc. Physics	4	-	8	42	5	-	13	43	-	-	5	45
11	B.Sc. Chemistry	12	-	6	42	14	3	4	44	5	-	4	46

DAS - Disadvantaged Sections of the Society

PC - Physically challenged

SL - Slow Learners – Below average

EW - Economically Weaker

Table 2.8. b. Details of the number of PG students at the risk of drop out and counselling given.

S. No.	Programmes	Academic Year											
		2011-2013				2012-2014				2013-2015			
		DAS	PC	SL	EW	DAS	PC	SL	EW	DAS	PC	SL	EW
1	M.A. Economics	6	-	6	15	7	-	6	20	-	-	-	-
2	M.Com.	8	1	5	35	5	-	4	35	-	-	5	24
3	M.Sc. Mathematics	5	-	6	25	7	-	4	45	-	-	10	41
4	M.Sc. Comp. Science	-	-	1	20	2	-	4	26	-	-	5	30
5	M.Sc. Inf. Technology	4	-	1	36	2	-	3	27	-	-	3	18
6	M.Sc. Biochemistry	8	-	5	24	4	-	2	30	5	-	10	21
7	M.Sc. Microbiology	7	-	5	27	3	-	6	23	5	-	10	30
8	M.Sc. Biotechnology	4	-	4	13	-	-	-	8	-	-	-	-
9	M.Sc. Food Service Managt. and Dietetics	6	-	5	11	2	-	3	12	-	-	3	17
10	M.Sc. Physics	1	-	5	17	5	-	10	19	-	-	5	28
11	M.Sc. Chemistry	1	-	5	14	5	-	2	20	-	-	3	18
12	M.B.A. (Bus. Admn)	4	-	4	35	4	-	4	37	-	-	3	37
13	M.C.A. (Com. Appln.)	-	-	8	28	1	-	12	28	-	-	2	36

DAS - Disadvantaged Sections of the Society

PC - Physically challenged

SL - Slow Learners – Below average

EW - Economically Weaker

2.3. Teaching – Learning Process

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

a) Academic Calendar

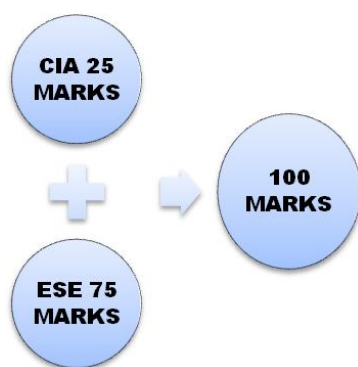
Academic calendar is planned and prepared prior to the commencement of each academic year. The teaching days with day order are programmed taking into account factors such as mandatory number of working days, academic calendar of the University, public holidays and festivals, examination schedule, dates for assignment submission and seminars. Extra working days for teaching, if necessary and schedule of, CIA (Continuous Internal Assessment) tests are included in the calendar so as to enable the faculties to prepare in their teaching plan and to make the students to prepare for CIA and university end semester examination.

b) Teaching plan

Teachers under the guidance of Heads of the Department prepare the lesson plan for every course allotted to them with due consideration to number of teaching days, quantum of syllabus, dates of internal and external evaluation, study holidays, functions in the College, etc. The completion of the lesson within the scheduled period of time is duly monitored by the HODs and the Principal. It avoids the eleventh hour preparation of students for the examinations.

c) Evaluation

- i) Components of internal evaluation with marks are given in the students' Hand Books and are also explained in the class room. Dates for submission of assignments and tests are given in the hand book. A model examination in the pattern of University examination is also held in each semester. Valued test papers and assignments are distributed to the students along with guidelines for writing the correct answer. Question bank with short answer questions and collection of previous years University examination question papers are also made available.
- ii) Formative evaluation blue print with its components such as attendance, cycle test, assignment and seminar is framed as per the guidelines of parent University. Evaluation comprises details of continuous internal assessment for 25% (CIA) and end semester examinations for 75 % (ESE), marks with the passing minimum of 10 and 30 marks respectively in CIA and ESE (Fig.4).



(Fig.4. Proportion of CIA and ESE marks in theory courses of UG and PG programmes)

The marks allotted for each component of continuous internal assessment are as follows. Seminar / Quiz 20%, Test 60% , Assignment 10% and Attendance 10%. The total 100 marks are converted to 25% which forms CIA marks for each course of each semester (Fig 5-6).

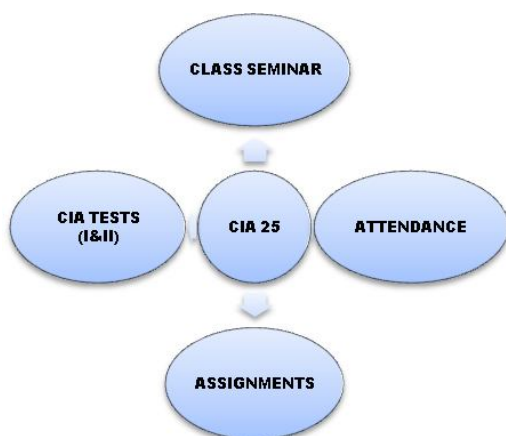


Fig. 5. Components of CIA (Theory)

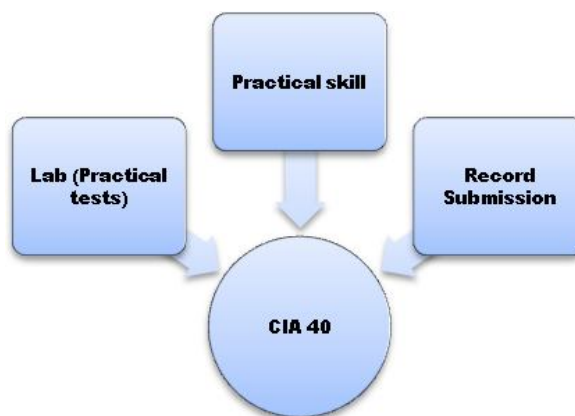


Fig.6. Components of CIA (Practical)

The performance of the students in the practical course of each programme in UG and PG is evaluated for 60% through summative evaluation and 40% through internal assessment. The marks allotted for each component of the practical course (UG and PG) in the formative evaluation (CIA) is as follows: Practical skill 60%, Laboratory Test 20% and Record Submission 20%. Dissertation work carries 75% and 25% for viva-voce examination. The marks allotted (100) is jointly evaluated by the external and internal examiners on the basis of the criterion specified by the parent University (Fig. 7).



(Fig.7. Components of Project Evaluation)

2.3.2. How does IQAC contribute to improve teaching and learning process?

- IQAC of the College has been instrumental in recruiting faculties organizing Faculty Development Programmes, seminars, motivating teachers to qualify SET/ NET examinations/ Ph.D., improving library resources, providing internet facility to all the departments and facilitating staff and students to utilize NPTEL and NME – ICT resources, introduction of new programmes and enhancing the teaching - learning infrastructure, besides improving the physical infrastructure
- The IQAC organizes and conducts a Faculty Improvement Programme at the commencement of every academic year in order to update the developments and changing needs of the curriculum. It emphasizes the members of the faculties to take effort to improve the LSRW (Learning, speaking, reading and writing) skills of the students at the entry level and other sectors
- IQAC has been instrumental in motivating the students to bring out biannual newsletters

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

Infrastructure created, learning process practiced, e-resources like NPTEL provided and the books and journals stocked are for the use and benefits of students. Teachers act as facilitators and make learners self dependent.

Interactive learning: Class room lectures, questioning by the teacher and answering by the students, meeting the teachers and clearing the doubts facilitate the interactive learning.

Collaborative learning: Students’ seminars, practicals, project work, group discussions, industrial visits, field trips and internships promote collaborative learning among the students.

Independent learning: Using text and reference books, journals, accessing internet facilities, language laboratory, e- learning resources and case studies help independent learning.

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

Elocution and essay writing competitions, conduct of science exhibitions, quiz programmes and group discussions on relevant topics, biannual articles to newsletters of the departments and yearly college magazine help to **create the scientific temper** among the students and make them **lifelong learners and creators**. Students of PG programmes are assigned projects as part of the curriculum in the final semester. Students carry out the projects in industries “in house” projects.

During the course execution of the project the students have to search for new information and suitable methodologies. It learning attitudes and the practice of conducting experiments and subsequent results enhance the scientific temper.

During if permitted and submit their dissertations to the department , followed by external evaluation. The project work nurture **critical thinking and creativity**. Hands on training given to students of Biochemistry, Microbiology, Chemistry and Physics on using sophisticated apparatus / instrument such as HPLC, gas chromatography, trinocular microscope, atomic absorption spectroscopy, bioreactor, UV-VIS spectrophotometer, gel documentation, thermal cycler and semi auto analyser groom the scientific temper and motivate them to become innovators. Participation of the students in the seminars/ workshops/conferences give an opportunity to interact with experts and scientists which motivate their curiosity and inquisitiveness to learn more and ultimately **make them continuous learners**.

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

Teaching faculties get trained themselves and train the students in using **e-learning resources** from NPTEL and NME-ICT which make the students enthusiastic in learning and also make them curious enough to acquire more knowledge in their subjects. Learning materials from NPTEL, NME – ICT are made available in the college website to enable the students / staff members to have access to e – resources. The N-LIST membership enables access to e-resources to students, researchers and faculty. Provision has also been made to share the resources with other colleges and other beneficiary institutions through servers. The facility of ICT enabled teaching-learning process enhances not only the quality of the educational process but also enhances the capability of acquiring up-to-date knowledge in the concerned subject.

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

Blended learning of the students is facilitated through the resources of NME-ICT, which provides advanced level of information in the concerned subjects and practical skills.

Eminent academicians and subject experts are invited periodically for interactive lectures and discussions. Organizing workshops with well trained experts from industries and laboratories improves the practical knowledge of the students (Table 2.9.). FDP, orientation programmes, refresher courses, seminars/conferences, workshops are periodically provided to the faculty members and for the benefit of the students.

Table 2.9. Details of Programmes organized for exposing students and faculty to advanced level of knowledge and skills (2009-2014).

S. No.	Department	Academic Year														
		2009-2010			2010-2011			2011-2012			2012-2013			2013-2014		
		Sem ^a	Exl ^b	Wsh ^c	Sem ^a	Exl ^b	Wsh ^c	Sem ^a	Exl ^b	Wsh ^c	Sem ^a	Exl ^b	Wsh ^c	Sem ^a	Exl ^b	Wsh ^c
1	Economics	1	-	-	-	-	-	-	-	-	1	-	-	1	-	-
2	English	-	-	-	-	-	-	-	1	-	-	2	-	1	-	-
3	B.B.A Bus. Admn	-	-	-	-	1	-	-	2	-	-	2	-	1	-	-
4	Commerce	-	1	-	-	1	-	-	1	-	-	1	-	1	-	1
5	Mathematics	1	-	-	1	-	-	1	-	-	1	-	-	1	-	-
6	Computer Science	4	-	1	1	-	1	1	-	1	-	2	2	-	1	2
7	Biochemistry	2	1	-	1	1	-	1	1	-	1	1	1	1	1	-

S. No.	Department	Academic Year														
		2009-2010			2010-2011			2011-2012			2012-2013			2013-2014		
		Sem ^a	Exl ^b	Wsh ^c	Sem ^a	Exl ^b	Wsh ^c	Sem ^a	Exl ^b	Wsh ^c	Sem ^a	Exl ^b	Wsh ^c	Sem ^a	Exl ^b	Wsh ^c
8	Microbiology	-	1	1	-	2	-	-	1	-	1	2	-	1	-	-
9	Nutrition and Dietetics	-	-	-	-	-	-	-	1	-	1	1	-	-	-	1
10	Physics	1	-	-	1	-	-	1	-	-	1	1	-	1	-	-
11	Chemistry	1	-	-	1	-	-	1	-	-	1	-	-	1	-	-
12	M.C.A. (Comp. Appln)	3	-	-	2	-	-	1	-	-	3	-	-	-	-	3
13	M.B.A. (Bus. Admn)	-	1	1	-	1	-	1	-	-	1	2	-	1	-	-

^a-Seminars, ^b- Expert Lectures, ^c- Workshops

2.3.7 Details (Process and the number of students / benefitted) on the academic, personal and psycho-social support and guidance services (Professional counselling / mentoring/ academic advice) provided to students?

Some of the admitted students, who face academic, personal and psycho-sociological problems are properly identified through the tutorial system and required counselling is being provided wherever necessary by concerned staff/tutor, senior faculty and HOD. Difficulty in learning, less mark in CIA and, failure in university examinations are the academic problems faced by the students. Difficulty in payment of fees/ continuing education, paying hostel, transport fees are economic difficulty faced by the students. Students who face economic problems are identified through and supported financially through scholarships/freeships. Ill healths, emotional problem, gender attraction, parents arranging marriage are the personal problems. Inferiority complex, lack of self confidence, fear are the psycho social problems. Counselling are given to the students and parents by the Principal to help them to overcome their family problems. Counselling students have successfully completed the programmes (Table 2.10.).

Table 2.10. Details of counselling given to the students.

Academic Years	No. of Students Counselling (UG programmes)	Academic Years	No. of Students Counselling (PG programmes)
2009-2010	11	2009-2010	05
2010-2011	16	2010-2011	06
2011-2012	21	2011-2012	09
2012-2013	21	2012-2013	11
2013-2014	23	2013-2014	—

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

Besides the usual lecture methods, other strategies such as Power Point presentation, use of NME-ICT and NPTEL resources, e- content development, Smart class, educational CDs, case study presentations, model making, model chart preparation, preparation and practice of glossary, online unit wise testing, objective type of questions, online submission of assignments, internships, industrial visits, field trips and maintenance of question banks for all subjects are adopted. These methods enhance the teaching-learning process. Required facilities for innovative teaching methods and training are provided

by the institution. Increased aptitude for further learning and inquisitiveness are the positive impacts of innovative teaching and learning process which motivate the students to become continuous learners.

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

The class room teaching is supplemental and augmented with laboratory and library resources. Library resources such as text and reference books, journals and magazines, internet facilities to provide e – learning (e-books and e- journals through N- LIST) and to download subject contents for advanced learning. Library resources and to collect other relevant materials by students and faculties, and to improve the teaching and learning process. NPTEL, N-LIST facilities in the library augment the teaching learning process by providing remote access to other libraries (Table 2.11.). they also help to understand the current development in the emerging areas of science, technology and research.

Table 2.11. Details of library resources to augment the teaching-learning process.

S. No.	Department	Reference Books	Text Books	e- Books	CDs	Journals		Magazines
						National	Inter-national	
1	Tamil	507	2652	-	-	-	-	07
2	English	217	2797	-	43	02	-	04
3	Economics	193	424	55	-	04	-	02
4	Commerce & B.B.A	280	1830	56	27	02	-	02
5	Mathematics	143	881	139	21	03	01	-
6	Comp.Science	140	1460	107	426	01	-	03
7	Biochemistry	834	825	7	18	9	5	-
8	Microbiology	840	858	7	18	11	15	1
9	Nutrition & Dietetics	310	285	08	-	04	1	1
10	Physics	151	719	30	14	7	-	2
11	Chemistry	196	435	25	03	8	3	-
12	M.C.A.	393	5899	142	1264	04	11	15
13	M.B.A.	1037	5982	215	142	34	16	18
14	General	801	288	-	08	4	-	6
	Total	6042	25335	791	1984	93	52	61

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

No. There are 90 working days scheduled for a semester, and lesson plan is prepared accordingly. The teachers prepare the lesson plan meticulously and the action taken is being closely monitored by the HOD and the Principal. The number of loss of working days, if any, is compensated through compensatory working days. The unique practice in the institution is the teachers completing the lessons as per their plan and on time.

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

The quality of teaching-learning processes are assessed by using the structured questionnaire prepared by the institution as feed back form are provided and assessed on the basis of feed back by students and external peers and close monitoring by authorities. Feedback from the students on the performance of the teachers in the class room and her ability to make the learners to understand easily are obtained and assessed by the HOD, Principal and Management. Feedback from the class representatives and the student council are helpful for the Principal to monitor and evaluate the quality of teaching and learning. It is also reflected in the pass percentage of students in the end semester examinations. Conduct of class tests, seminars and attendance are the other tools to evaluate the teaching and learning outcomes. Quality of the teaching by the concerned teacher is also assessed on the basis of their ability to use the ICT facilities. Completion of the syllabus as eleventh hour process is always discouraged.

2.4. Teacher Quality

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

Recruitment

The institution assesses the teacher student ratio every academic year and finalize the teacher requirements to satisfy the demand. The required teacher recruited on the basis of merit and qualification (Ph.D./SET/NET). Besides teachers quality is also assessed on the basis of her ability to deliver the content of the subject, ability to reach the subjects to students, capability to adjust and update the knowledge through continuous learning in order to cope with changing of the needs of the curriculum and the exposure and training to the modern methods teaching – learning processes.

Retention

Freedom in discharging duties, availing maternity leave with pay, declared holidays, prompt disbursement of salary, incentives for acquired qualification such as Ph.D/SET/NET and welfare measures such as provident fund, etc., result in retention of staff members. Deputing faculty members to attend Orientation/Refresher courses conducted by the university/other colleges with TA and DA meet the change in requirement of the curriculum (Table 2.12.).

Table 2.12. Details of the qualification of the faculties working in the College.

S.No.	Highest qualification	Professor		Associate Professor		Assistant Professor		Total
		Male	Female	Male	Female	Male	Female	
Permanent teachers								
1	D.Sc./D.Litt.	1	-	-	-	-	-	1
2	Ph.D.	-	-	-	-	13	10	23
3	NET/SET	-	-	-	-	1	12	13
4	M.Phil.	-	-	-	-	2	116	118
	PG	-	-	-	-	2	9	11
Temporary teachers								
1	Ph.D.	-	-	-	-	-	-	-
2	M.Phil.	-	-	-	-	-	1	1
3	PG	-	-	-	-	-	-	-

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

Emerging discipline such as Biochemistry, Microbiology and Information Technology are the programmes offered by the College. The institution faces no problem of scarcity of qualified faculty as the College utilizes the alumni as teachers and at present some of the alumni as teachers have more than 10 years of experience. In addition subject experts are invited as visiting / guest faculties to teach the new area. The teachers are motivated to attend the IT based orientation refresher course. Bioinformatics and Biotechnology oriented seminars are organized. Sophisticated instruments and instrumentation training are also provided. Nearly 100 per cent result in the University examination and increasing number of University ranks are the outcome of the practice followed in the institution. Alumni are working as faculty form 50 – 100% of total number of staff in the departments. Moreover, faculties are recharged through faculty development programmes training in using sophisticated instruments and training in other research institutions etc.,(Table. 2.13.).

Table 2.13. Number of alumni working as faculty.

S.No.	Departments	2011 – 12		2012 – 13		2013 – 14	
		1	2	1	2	1	2
1.	Microbiology	8	8	8	8	8	8
2.	Biochemistry	8	5	8	5	8	3
3.	Computer Science	19	9	20	10	20	9
4.	Nutrition & Dietetics	7	7	7	7	7	7

1 – No. of faculty required 2 – No. of Alumnae as faculty

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

The institution recognizes the significance of the quality of teaching – learning processes in the achievement of the target of learning outcome, which could be attained through enhancing the quality of the teachers. It is achieved through imparting updated knowledge and providing training in tools and techniques to teachers.

a) Members of faculties nominated for faculty development programme.

The Institution nominates and permits faculties to attend faculty development programme organized by other institutions/university(Table 2.14 a).

Modern tools, techniques and methodologies are introduced and trainings are provided to teachers periodically in order to make the teaching-learning process effective. The institution organizes faculty development programmes every year like ICT for improved teaching and learning. Training programmes were also conducted for the faculty to learn and practice e-content developments (Table 2.14 b).

Table 2.14. a) Details of the faculties nominated for faculty development programme.

S.No.	Academic Year	Refresher course	HRD Pro-gramme	Orientation Programme	Staff Training by University	Staff Training by Others	Summer / Winter schools, Workshops
1	2010-2011	27	24	28	-	145	-
2	2011-2012	27	24	28	-	131	-
3	2012-2013	28	24	35	-	140	15
4	2013-2014	30	24	38	2	113	-

Table 2.14. b) Details of the Faculty Development programmes organized by the institution.

S.No.	Date	Topic	Resource Person
1	24.07.2010 to 25.07.2010	Guidance and Counselling	1.Dr. B.Rangiah, Reader, Dept. of Psychology, Pondichery University 2.Dr. M.V.Srinath, Director, Dept. of M.C.A, S.T.E.T Women's College, Sundarakkottai, Mannargudi, 3.Mr. Chandru Durairaj, CEO, Dawn Solutions Pvt. Ltd., Chennai
2	04.06.2011	Tips for Effective Teaching and Teaching Value	Prof. S. Sivapunniam, Principal, Bharath College of Arts and Science, Thanjavur
3	30.07.2011	SET/ NET Coaching Class	Prof.G.M.Soundarajan, Institute of Management and General Studies, Chennai
4	18.12.2012	Innovative methods in Teaching and Learning process	1.Dr. E. Ramganesh, Director, Council for Colleges and Curriculum Development, Bharathidasan University, Tiruchirappalli 2.Dr. M.V.Srinath Director, Dept. of M.C.A S.T.E.T Women's College Sundarakkottai, Mannargudi 3. Dr. M.P.Ananthpadmanabham Academic Advisor, S.T.E.T Women's College, Sundarakkottai, Mannargudi
5	11.06.2013 – 13.06.2013	Instruction Design for e – Content development	Dr. V.P. Sivhakumaar, Former Professor and Head, Department of Education Technology & Multimedia, NITTTR, Chennai
6	18.11.2013	How to use the College Library Effectively?	Dr. K.Senthilnayagam, Librarian, A.V.C. College(Autonomous), Mayiladurai
7	26.05.2014 to 27.05.2014	SET/NET Coaching class	Dr. S.Iyyampillai, Associate Professor, Dept. of Economics, Bharathidasan University, Tiruchirappalli
8	05.06.2014	SET/NET Coaching class	Mr. A.Adhiselvam, Asst. Professor & Head, Dept. of M.C.A, S.T.E.T Women's College, Sundarakkottai, Mannargudi
9	14.07.2014	How to use NPTEL Resources?	Dr. M.V.Srinath, Director, Dept. of M.C.A, S.T.E.T Women's College, Sundarakkottai, Mannargudi

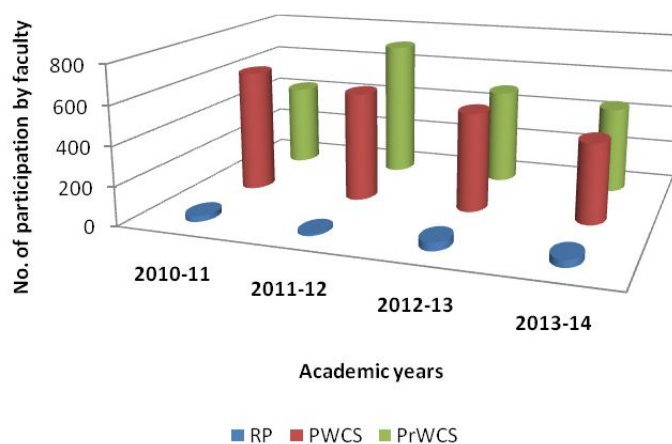
c) Percentage of faculty:

Institution permits faculty members to act as resource persons by other institution. Faculty members have also participated in workshops/seminars /conferences organized by other bodies. Members of the staff present papers in seminars/conferences (Table 2.14.c).

Table 2.14. c. Details of percentage of faculty participation in workshops / seminars.

S. No.	Department	In Percentage											
		2010-2011			2011-2012			2012-2013			2013-2014		
		1	2	3	1	2	3	1	2	3	1	2	3
1	Tamil	25	77	100	33	15	77	33	15	69	25	15	54
2	Economics	-	-	50	-	17	83	-	-	50	-	83	83
3	English	-	13	-	-	13	20	-	-	13	-	13	13
4	BBA	-	91	91	-	55	55	-	64	55	-	80	80
5	B.Com.	-	67	53	13	67	67	13	73	47	20	-	7
6	Mathematics	-	27	-	-	20	13	-	-	7	-	7	7
7	Computer Science	11	61	33	22	67	67	5	40	-	55	80	65
8	Biochemistry	-	88	63	-	100	100	13	25	75	-	50	50
9	Microbiology	20	50	30	-	40	50	10	78	78	-	13	75
10	N&D	-	100	-	-	-	100	-	86	43	17	-	-
11	Physics	-	10	-	-	10	-	-	10	30	-	40	30
12	Chemistry	-	43	29	-	29	14	-	-	29	-	-	14
13	MCA	8	8	8	8	69	69	15	38	-	-	63	25
14	MBA	-	75	75	-	75	75	-	63	63	-	60	60

1. Resource Persons
2. Participated in workshops, seminars and conferences
3. Presented papers in workshops, seminars and conferences



(Fig.8. Overall faculty participation of different programmes to enhance teacher quality (2010-14)

RP = Resource persons; PWSC = Faculty participation in workshops, seminars and conferences and

PrWSC = Faculty presented papers in workshops, seminars and conferences

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

- Teachers are motivated to attend refresher courses
- Management encourages the faculty members to attend national and international conferences/ seminars.
- The period of absence in the College for attending conferences/ workshops/ seminar is treated as leave on other duty. Financial support is also provided by the management for attending seminars/ workshops
- Management encourages and also extends financial support for research by faculties
- Special leave is sanctioned by the management for the completion of Ph.D., thesis as and when required
- On completion of Ph.D. and clearing SET/NET, the faculties are given incentives such as salary increment
- Management provides seed money to promote research
- Management extends laboratory facilities for downstream research and product of development.
- Management extends laboratory facilities for down stream research and product development
Ex. S.T.E.T Biofloral Product Development and Research and Biominin Laboratory
- Management provides land for lab to land research
- Management provides fund for Research
- Staff members are also motivated to publish articles in journals

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

The services of the Dean, Life Sciences and the Principal of the college were recognized by the service organizations and honoured (Table 2.15).

Table 2.15. Awards received by the faculties.

S.No.	Name	Year	Awards Received	Awarding Institutions
1	Dr. V.Dhivaharan Dean, Department of Life Sciences	2000	The Millenium Award	All India Isshinryu Karate Association.
		2000	Idayam Kappon	Lions Club, Mannargudi
		2001	Outstanding Young Person	JCI Regional Conference held at Chidambaram
		2002	Man of the Year	American Associations, Chennai
		2006	Man of the Year 2006	The American Biographical Institute
		2013	Life Time Achievement Award	ECO CLUB, H.H.Rajah's Government College, Pudukkottai.

S.No.	Name	Year	Awards Received	Awarding Institutions
2	Dr. S. Amudha, Principal	2010	Glory of BharathVidya Gold Medal Award	Indian Solidarity Council, New Delhi
		2010	Rajiv Gandhi Vidya Shiromani Award	International Institute of Education and Management, New Delhi.
		2011	Rashtriya Shiksha Samman Puruskar Award	Indian Society for Industry and Intellectual Development New Delhi.
3	Dr. V.B. Hosagoudar	2007 2010 2013	Leading Scientist of the World	International Biographical Institute great Britain
		2010	Outstanding Scientist of the Year 2010	
4	Dr. R. Saravanamuthu	1982	Teacher Fellow Award	UGC, New Delhi
		1987	Fellow of the Indian Botanical Society	
		1998	Man of the Year	American Biographical Institute, USA
		1999	Man of the Year	
		2000	Man of the Year	
			The 2000 Millennium Medal of Honour	
		2004	Commemorative Medal of Honour, Hallmark	
			Rotary Club Centennial Award	Rotary Club, Mayiladuthurai
2005	Research Fellow 2005	American Biographical Institute, USA		
5	Ms. J.Senbagalakshmi, Assistant Professor, Department of Tamil	2011	Best Researcher	Tamizhaiya Kalvikazhagam, Avvai Trust, Thiruvaiyaru.
6	Mrs.N.Sangeetha, Assistant Professor, Nutrition and Dietetics	2014	Best YRC Programme Officer	District level Youth Red Cross Organization, Thiruvarur
7	Mr. K.Vinayakan	2014	ICT ACT Best Co - ordinator	ICT Academy of Tamil Nadu, Chennai

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

The students evaluate the teachers with regard to the performance in teaching, usage of teaching aids, punctuality and adherence to the time schedule in completing the syllabus, knowledge input, communicating skill, their ability to motivate and counselling the needy students and other aspects of teaching-learning processes through the designed structured questionnaires. Evaluation of teachers is also done by the Principal. In addition, external peers are invited to carry out evaluation in all departments.

Results of these evaluations are conveyed to the faculties for improvement. It facilitates and improve the quality of teaching – learning process.

2.5. Evaluation Process and Reforms

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

Internal Assessment (CIA) components such as the **test performance, assignments, seminars and attendance** are made familiar to the students at the entry level itself. The whole processes of the examination system and evaluation patterns as prescribed by the University are given in the Academic Calendar of the College and informed to the students through the faculty members. Since it is a continuous process of assessment, the improvement of each component and fulfillment of all requirements are well conveyed to students. Department meetings are arranged by the Head of the Departments and the examination systems and evaluation schemes are discussed. Any evaluation reform by the University is conveyed to the faculty members for implementation.

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

University made reforms in the curriculum and introduced Choice Based Credit System (CBCS) in the year 2005 which is followed by the College. This system has Core Courses, Allied courses, Non-Major Elective (NME), Skill Based Elective (SBE) and Major Based Elective (MBE) and Credit for each subject. The students should put forth a minimum of 75 percentage attendance in each course for appearing in the University examination. The ratio of marks to be allotted to Continuous Internal Assessment and End Semester Examination is 25:75 (1:3). The evaluation of performance in the laboratory is also based on Continuous Internal Assessment and on End Semester Practical Examination conducted by the University. The passing minimum in Continuous Internal Assessment and End Semester Examination shall be 40 percentage out of 25 (i.e., 10 marks) and 75 (i.e., 30 marks) marks respectively with an aggregate of 40 marks. Failed candidates in the Continuous Internal Assessment are permitted to improve their Continuous Internal Assessment in the subsequent semester (two chances) by submitting assignments and by writing tests. A major evaluation reform by the university enables students who fail only in one paper to appear for Instant Examination. Many failed candidates have successfully completed the programme and continued further education (Table 2.16. a and b).

Table 2.16. a) Evaluation reforms of the University.

S.No.	Programmes	Subject	Before 2005		After 2005	
			IA	UE	IA	UE
1.	UG (All Programmes)	Theory	-	100	25	75
		Practical	-	100	40	60
2.	PG (All Programmes)	Theory	25	100	25	75
		Practical	25	100	40	60
		Project	25	100	25	75
3.	M.Phil., (All Programmes)	Theory	25	75	After 2009	
					40	60
		Project	50	150	50	150

IA – Internal Assessment, UE – University Examinations

Table 2.16. b) Credits allotted for the courses under CBCS pattern.

S.No.	Course	UG	PG	M.Phil
1.	Core Course	4	4	4
2.	Allied Course	4	-	-
3.	Elective Course	-	4	-
4.	Non Major Elective	2	-	-
5.	Skill Based Elective	4	-	-
6.	Major Based Elective	5	-	-
7.	Practicals	4	5	-
8.	Projects	-	11	8

Credit refers to the weightage given to a course, usually in relation to the instructional hours assigned to it. For instance, a six hour course per week is assigned four credits, four / five hour course per week is assigned three credits and two hour course per week is given two credits. However, in no instance the credits of a course can be greater than the hours allotted to it. The total maximum credits for UG programme is 140, for PG programme 90 in general whereas total maximum credit is 140 and 120 for M.B.A. and M.C.A. respectively. The total maximum credit for M.Phil. programme is 24. Cumulative Grade Point Average (CGPA) is calculated and recorded in the cumulative marks statement issued at the end of the programme. Being an affiliated institution, no reform can be initiated by the college.

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

The reforms made by the University are displayed on the department notice board and are also informed to the students through the staff members. The reforms are followed in the best of spirit. Any doubt about evaluation is made clear to the students. All records of internal assessment are maintained in the College. Transparency in the evaluation process of the formative and summative evaluation is monitored. Students are given opportunity to scrutinize the valued answer scripts of the University examination and facilitated for re-totaling and getting Xerox copy of the valued answer scripts from the university. If a meritorious student fails in the University examination, the student is advised to make use of the provision of re totaling / revaluation.

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

The formative assessment is carried out by the College as internal assessment and the summative assessment is made by the University through University Examinations (Table 2.17 a and b).

Table 2.17. a) Details of the Formative and Summative Assessments.

Formative Assessment (CIA)		Summative Assessment (ESE)	
Assignment	5 Marks	University Exam (ESE)	75 Marks
Two Tests	10 Marks		
Seminar/Quiz	5 Marks		
Attendance	5 Marks		
Total	25 Marks	75 Marks	

CIA – Continuous Internal Assessment ESE – End Semester Examination

Each component of the CIA is distributed throughout the semester with the proper time schedule. Completion of each component within the time schedule is carried out with meticulous care, which is being monitored by the Principal and Head of the departments. The following table shows the positive change in the achievement of students admitted. A comparison of average marks obtained by the student at the entry level and the exit level indicates the positive impact.

Table 2.17. b) Positive impact of the system of formative and summative assessment approach on student achievement.

S.No.	Department	Academic Year							
		2007-2010		2008-2011		2009-2012		2010-2013	
		+2*	UG**	+2*	UG**	+2*	UG**	+2*	UG**
1	B.A. Economics	43.5	66	43.08	68.20	44.06	65.1	-	-
		45.91	66.9	46.8	66.7	44.6	68.86	-	-
2	B.B.A.(Business Administration)	49.41	60.40	53.08	66.6	50.10	75	49.16	65
		55.08	65.46	56.16	64.2	51.16	79.70	50.50	65
3	B.Com. (Commerce)	54.3	63.7	44.75	63.2	48.9	64.80	41.1	58
		54.8	65.75	44.91	59.40	49.25	67.3	46.25	67.4
4	B.Sc. Mathematics	58.41	81.97	58.42	77.79	66.9	75.22	60	73.5
		57.76	76.60	55.6	68.86	59.08	65.43	58	75
5	B.Sc. Comp.Sci.	56.75	80.33	55.91	78.8	55.91	77.21	47.75	72.3
		49.41	73	54.91	77.3	51.6	66.8	50.41	69.3
6	B.Sc. Biochemistry	49.4	73.5	48	63.8	44.3	72.5	48	67.03
		46.6	69.4	49.9	66.7	42.9	70.25	48.1	75.7
7	B.Sc. Microbiology	53.9	77	54.33	65.8	54.5	65.2	47	62.3
		50.8	70.8	52.9	69.7	57.4	67.6	50.8	70.8
8	B.Sc.Nutrition & Dietetics	46.41	61	46	64	63	59	49	61
		51.16	57	40	61	49.74	61	49.25	60.6
9	B.Sc., Physics	54.3	75.6	44.25	73.30	54.3	76.6	52	76
		54.75	72.43	55.08	72.20	56.3	70.8	53.4	75.4
10	B.Sc., Chemistry	49.75	69.98	43.8	79	50.58	69.9	58	73.27
		49.91	64	44.7	73	54.75	74.25	58	69.59

*Average marks in +2 examination - Entry level: **Marks obtained in UG programme - Exit Level

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

Transparency in the formative evaluation process for all the components of CIA is judiciously maintained throughout the course. Independent learning and communication skill are assessed through seminars and assignments. Performance in tests and project (PG) also reflect independent learning and communication skill. The skill is further sharpened by motivating them to participate in group discussions, quiz competitions, compeering during college functions.

To ensure transparency in the internal assessment, the teacher-in-charge for CIA submits the consolidated assessment report to the HOD and display it on the notice board. Assignments and answer papers of tests are returned after evaluation.

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

As per the guidelines of the University the fulfillment of the UG programmes require the completion of part I, part II and part III major, allied courses and practical courses. The fulfillments of the requirement for PG programmes include core, elective, practical courses and a project report. In addition to graduates attributes specified by the affiliating University, the college provides other value-added attributes.

- By training the students to excel in communication and soft skills
- By providing opportunity to develop the leadership qualities
- By arranging internship, industrial visits, field trips etc., the institution makes them to have hands on experience and the working environment of the industries
- By offering equal opportunity to make use of all the facilities available and develop themselves fit enough to face the competitive world
- By giving priority to the moral values and discipline of the students.

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

Any grievance relating to the internal assessment can be reported to the faculty members/head of the department and necessary corrective measures are ensured, such as revaluation, retest, if needed, etc. Grievances relating to evaluation at the University level are reported to Grievance Redressal Cell which guides the students to apply for re-totaling/revaluation and for obtaining the photocopy of the valued answer scripts. The grievance is reported to the University for taking necessary action.

2.6. Student performance and learning outcomes

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

The stated policy of the college regarding the learning outcome of the students is to make the students par excellent in the academic performance and readily employable through various value added programmes and soft skill development, and to make them good citizen of India.

The members of the staff are informed and instructed to adhere strictly to the schedule of formative and summative Examinations without bias in order to achieve the said goal. They are also motivated to conduct the value added and skill development programmes and to prepare the students accordingly.

The students are made aware of the said goal of the institution and the various value added courses and the skill development programmes conducted by the institution. Members of staff and students are informed about the stated policy and strategy through the periodic circulars and college hand book.

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

Performance of the students is monitored through cycle test, model examination, assignments and seminar. Progress is communicated by returning the evaluated answer books and assignments distributed throughout the semester to the students, besides displaying the marks on the department notice board. Parents are also communicated about the performance of the wards regularly through progress report and parents meet is also arranged at regular intervals. The results and achievement are given in Table 2.18 a and b.

Analysis of students' results and achievement

UG Programmes:

- In most of the programmes, pass % is 100 in the past 4 years
- In the case of students of the departments of Commerce, Mathematics, Biochemistry, Nutrition and Dietetics, Physics and Chemistry pass % is less than 100 in one or two years
- 16 and 14 University ranks have been obtained by 2009-2012 and 2011-2014 batch students of Economics respectively
- 17 University ranks have been achieved by 2010-2013 batch students of Computer science
- There is no department without University rank in the past four years

PG Programmes:

- The pass percentage of students of Post graduate programmes in Economics, Commerce, Computer science, Information Technology, Microbiology, Biotechnology, Food service management and Dietetics, M.C.A and M.B.A is 100 for the recent four batches
- A maximum of 13 university ranks have been obtained by students of M.A Economics and Information Technology
- University ranks have been obtained by the students in 10 out of 13 PG programmes in all the 4 years consistently.

Table 2.18. a) Details of University Examination Results and Achievements-UG Programmes.

S. No.	Programmes	Academic Year									
		2007-2010		2008-2011		2009-2012		2010-2013		2011-2014	
		Pass %	No. of Univ. Ranks	Pass %	No. of Univ. Ranks	Pass %	No. of Univ. Ranks	Pass %	No. of Univ. Ranks	Pass %	No. of Univ. Ranks
1	B.A. Economics	100	10	100	9	100	16	-	-	100	14
2	B.B.A. (Business Administration)	100	5	100	2	100	8	100	3	100	5
3	B.Com. (Commerce)	100	7	100	7	100	1	99	3	99	1
4	B.Sc. Mathematics	100	6	100	3	100	5	97	2	94	2
5	B.Sc. Computer Science	100	14	100	10	100	11	100	17	100	4
6	B.Sc. Biochemistry	96	7	100	8	100	7	98	7	98	5
7	B.Sc. Microbiology	100	7	100	8	100	1	100	6	98	3
8	B.Sc. Nutrition and Dietetics	100	5	100	6	95	5	91	5	98	1
9	B.Sc. Physics	96	6	88	4	100	3	98	3	100	6
10	B.Sc. Chemistry	81	6	81	2	87	6	95	8	85	2
11	B.A English*	-	-	-	-	-	-	-	-	100	3

* First batch

Table 2.18. b) Details of University Examination Results and Achievements-PG Programmes.

S. No.	Programmes	Academic Year									
		2008-2010		2009-2011		2010-2012		2011-2013		2012-2014	
		Pass %	No. of Univ. Ranks	Pass %	No. of Univ. Ranks	Pass %	No. of Univ. Ranks	Pass %	No. of Univ. Ranks	Pass %	No. of Univ. Ranks
1	M.A. Economics	100	9	100	13	100	12	100	8	90	13
2	M.Com. (Commerce)	100	2	100	5	100	1	100	3	90	3
3	M.Sc. Mathematics	100	3	100	8	97	6	97	7	98	6
4	M.Sc. Computer Science	100	6	100	8	100	2	100	7	100	6
5	M.Sc. Information Technology	100	3	100	6	100	8	100	13	100	13
6	M.Sc. Biochemistry	100	4	100	7	93	6	97	6	98	2
7	M.Sc. Microbiology	100	8	100	3	100	6	100	6	100	8
8	M.Sc. Biotechnology	100	3	100	1	100	-	100	4	100	2
9	M.Sc. Food Service Management and Dietetics	100	-	100	1	100	6	100	4	69	2
10	M.Sc. Physics	100	5	100	3	87	3	96	4	81	-
11	M.Sc. Chemistry	96	2	89	2	85	2	53	2	81	10
12	M.B.A. (Business Administration)	100	11	100	1	100	3	100	10	97.5	2
13	M.C.A. (Computer Applications)	100	8	100	-	100	9	100	8	100	10

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

The teaching, learning and assessment are practiced to provide quality education and to enhance the entrepreneurship skill and the employability. In order to achieve this learning outcome, the management has updated the ICT facilities, necessary modern infrastructure facilities and library with NPTEL and N-LIST and other e-resources.

The Institution follows the structured frame work provided by the parent university, as it is an affiliated institution, for the assessment of formative evaluation components such as test, assessment, seminar and regularity (attendance). Summative evaluation is made by the university at the end of each semester. Besides these regular academic programmes, the institution carries out number of skill development, entrepreneur development, soft skill development, etc., as scheduled programmes so as to empower and to enhance the employability of the students.

Instruction hours and credits for Language Courses (LC), Core Courses (CC), Allied Courses (AC) and Elective Courses (EC) are allotted by the University. Not only the teaching and learning process are continuous but also the assessment of the student is a continuous process throughout the programme. The components of the formative and summative assessment are carried out meticulously without bias, which ensure the learning outcomes.

Enlightenment and empowerment of women students with human values and enhanced employability are considered as the intended learning outcomes. ICT enabled teaching – learning strategies, computer literacy, training programmes, soft skill development and internship facilitate the achievement of learning outcomes.

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

- Improved communication skill, development of confidence and personality, enhanced employability emergence of entrepreneurs and willingness to shoulder socially responsibility are considered as learning outcome of students
- Soft skill and personality development programmes are conducted in order to enhance the employability of the students
- The Placement Cell has been established and campus interviews are conducted for student placements.
- The Entrepreneurship Development Cell has also been set up by the institution, and programmes are conducted to create awareness and improve entrepreneurship attitudes
- Research aptitude of the students are motivated through project work, visit to the laboratory, research institutions and field research station and training programmes / workshops/seminars/conferences
- Individual projects for PG students and Group Projects for UG Computer Science create curiosity in research besides visit to the laboratory, institutions and field research study (Table 2.19)
- Novelty in teaching methodology and research enhance the curiosity and inquisitiveness of the students and thirst for new things.
- The students developed and exhibited models in the science exhibition conducted in schools which demonstrate the creativity of the students.

The Entrepreneurship Development Institute, Government of Tamil Nadu granted a sum of **Rs. 1,00,000** for establishing the Entrepreneurship Development Cell in the College (Table 2.20 a, b and c).

Table 2.19. Student placements through campus interviews

Year	2008	2012	2013	2014
No. of Students	29	76	15	22

Table 2.20a. Entrepreneurship Development cell

Date	Amount sanctioned	Funding agency	Remarks
20.12.2013	Rs. 1,00,000	Entrepreneurship Development Institute, Govt. of Tamil Nadu Guindy, Chennai	Implemented

Table 2.20 b. Entrepreneurship awareness programme

S. No.	Date	Topic	No. of Beneficiaries
1	20.02.2013	Leadership and Entrepreneurship training programme	606
2	09.12.2013 to 11.12.2013	Entrepreneurship Awareness Camp – General concepts of Entrepreneurship, Financial aspects, MSMEs and industrial visit. - Sponsored by National Science and Technology Entrepreneurship Development Board, Department of Science and Technology, Government of India	80 Awareness to Pre final year science students with an interest and flair for entrepreneurship

Table 2.20 c. List of motivated women Entrepreneurs

S.No.	Department	Name	Nature of Self Employment	Place
1	Microbiology	MS.N. Sangeetha	Principal and Proprietor “Bharathamatha institute of Differently Abled”	Thiruthuraipoondi
2	Microbiology	Ms. M.Saravanapriya	Proprietor Sri “Gowry Pharmacy”	Thanjavur
3	Microbiology	Ms.V.Sarathi	Proprietor “Sri AmmanBiocare”	Thirukanurpatti, Thanjavur.
4	Biotechnology	Ms.I. Kavipriya	Priyam Mushroom Production Unit	Velukudi, Thiruvarur
5	Nutrition and Dietetics	Ms.S.Vishnupriya	Proprietor “Anugraha Woman’s Robe”	Thiruvarur
6	N & Dietetics	Ms.V.Kalaiaarasi	Proprietor “Pink & Blue”	Mannargudi
7	N & Dietetics	Ms. G. Ganga devi	Proprietor “Devi Beauty Parlour”	Mannargudi
8	Business Administration	Ms.N.Sudha	Proprietor “Nakshatra Beauty Parlour”	Mannargudi
9	Biochemistry	Ms.P.Arulkanna	Proprietor “Thai Biotech”	Lalgudi, Trichy

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

- The learning outcome of the students is to make the students achieve in the academic performance, to make the students readily employable. To become entrepreneurs, to make them self confidence by improving their communication skill, personality and to make them good citizens of India.
- Student profile is created and maintained and periodically updated on the basis of their academic performance.
- Periodic analyses of student profile help the teachers to categorize them as advanced learners and slow learners.
- Interpersonal interaction help the teacher to understand the personal problems of the slow learners and counselling and assistance are provided accordingly.
- Special coaching classes and remedial courses are arranged to overcome such problems and to enhance the learning outcome.
- Most of the students hail from rural areas and one of the learning barriers is communication and English language skill.
- To overcome these barriers of learning process, spoken English and English grammar classes are conducted on alternate Saturdays for the 1st year UG students and weekly once for final year PG students.

- Language laboratory classes are arranged for the 1st year PG students.
- Soft skill development course is included in the curriculum for final year students to make them employable.
- Advanced learners are supported by providing training for appearing in competitive examinations and skill oriented programmes.
- Soft skill development and personality development programmes are conducted for the all the students in order to make them competent.

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

The learning outcomes is monitored through

- Making the students to participate in class room seminars, and quiz programmes
- Essay writing competition, comprehension tests, and weekly classroom test
- Academic performance through their performance in the cycle tests, submission of assignments and in the summative examination
- Participation in the coaching classes, skill development programmes and the progress through tests and online tests
- Deployment of modern infrastructure facilities ICT enabled teaching-learning gadgets and, e –resources such as INFLIPNET, NPTEL and N-LIST in the library.

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

Yes, The institution and individual teachers use the assessment outcome as an indicator for student’s evaluation. For example, the higher marks in the class tests shows difference in her performance as compared to others, she is considered as an advanced learner and care is taken to help her, achieve further. Poor performance of a student is also attended; the problems are identified and help is extended to overcome such problem. The overall performance at the end semester examination is used for evaluating the students and making proper planning for the next academic year.

CRITERION - III

Research, Consultancy and Extension

Education for transformation and excellence can be attained if it is adequately supplemented and supported with research and development. Hence, research is rightly considered as the third important dimension of higher education.

3.1. Promotion of Research

Research is a strategic requisite for the academic life of a teacher. As such, many of our faculty are actively engaged in conducting research and making publication of articles with a score of 386 impact factor and are involved in carrying out research projects through the institution. Considering the significance of research, the management promotes research in all possible ways.

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

- Yes. Our institution has research centers recognized by the Bharathidasan University. Departments of Microbiology, Biochemistry, Computer Science and Commerce are the recognized research centers.
- The College offers research programmes in the following disciplines (Table 3.1).

Table 3.1. Details of Research Programmes offered in the College

S.No.	Programme	Department	Year of Recognition
1.	M.Phil.	Microbiology	2002-2003
2.	M.Phil.	Biochemistry	2002-2003
3.	M.Phil.	Computer Science	2011-2012
4.	M.Phil.	Commerce	2011-2012
5.	Ph.D.	Microbiology	2006-2007
6.	Ph.D.	Biochemistry	2011-2012
7.	Ph.D.	Computer Science	2011-2012

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

Yes. The institution has a Research Committee in the name of Research and Development Cell. It monitors and discusses the various issues pertaining to the research and development of the institution. It function with a Co-ordinator, Advisor and members (both Internal/External). The activities of the department research committees are monitored by the cell (Table 3.2).

The Committee meets regularly and discusses the progress of research activities of various departments. Some of the important recommendations made by the Research Committee are given below (Table 3.3)

Table 3.2. Details of the Research & Development Cell function in the college

S.No.	Name and Designation	Address
1	Dr. V. Dhivaharan, Dean	Faculty of Life Science, S.T.E.T Women's College, Mannargudi
2	Dr. S. Amudha, Principal	Department of Commerce, S.T.E.T Women's College, Mannargudi
3	Dr.L.Kannan,Former Vice-Chancellor	Vellore University,Vellore.
4	Dr. R. Saravanamuthu, Associate Professor	Department of Microbiology, (Advisor)S.T.E.T Women's College, Mannargudi
5	Dr.G.Archunan, Professor & Head	Department of Animals ScienceBharathidasan University, Trichy
6	Dr.A.Panneerselvam, Associate Professor and Head	Department of Botany and Microbiology, A.V.V.M Sri Pushpam College, Poondi
7	Dr. J. Pandiyan, Assistant Professor	PG & Research Department of Zoology, A.V.C.College, Mayiladuthurai
8	Dr. R.Anuradha HOD of Biochemistry	Department of Biochemistry, S.T.E.T Women's College, Mannargudi
9	Dr. K. Kandavel,Assistant Professor and Vice-Principal	Department of Microbiology, S.T.E.T Women's College, Mannargudi
10	Dr. M.V. Srinath, Director	Department of Master of Computer Applications, S.T.E.T Women's College, Mannargudi
11	Dr. N. Umamaheswari Assistant Professor and Head	Department of Microbiology, S.T.E.T Women's College, Mannargudi
12	Dr.M.Kannahi,Assistant Professor	Department of Microbiology, S.T.E.T Women's College, Mannargudi (Co-ordinator)

Table 3.3. Various recommendations of the research committee and their impact from 2007-2014

Recommendations of the re- search committee	Action taken
Recommended to start interdisciplinary research journal	The college has started Publishing interdisciplinary research journal entitled "Scientific Transactions in Environment and Technovation", which is recognized as a registered publication with international status (ISSN: 0973 -9157, RNI No. TNENG/2007/22123).
Recommended to establish agricultural research especially to enrich the soil fertility	Due to prolonged agricultural and horticultural practices the soil profile in almost all the areas of Cauvery Delta region has become sterile. In order to find solution to the problem, the institution has started a research oriented centre for biofertilizer i.e. 'Biominin' Laboratory. To co-ordinate these activities, STET Bio – Floral Products Development and Research Centre was established in 2007.

Recommended to establish a Herbal garden in order to facilitate to carry out research projects on medicinal plant	A Herbal Garden has been established and the research projects are being carried out since 2010.
Recommended to provide sufficient acres of cultivable land to carry on field studies	50 acres of agricultural land has been allotted with irrigation facility by the management to conduct field studies relating to coconut and other agro researches.
Recommended to conduct training programmes for the students of Biochemistry, Microbiology and Chemistry	In pursuance of this objective, the Departments of life science of our college provide hands on training in the modern instrumentation techniques like Gas Chromatography, HPLC, Semi Auto Analyser, Atomic Absorption Spectrophotometer and UV-VIS Spectrophotometer, to make the students readily employable in various private and public industrial and academic institutions
Recommended to continue fruitfully and complete the research project ‘Effect of Symbiotic Foliicolous fungi on the dynamics of Shola species of Western Ghats’ at Kodaikanal	The said research project was continued up to 2012, 12 new species, 2 new varieties and 2 new records of foliicolous fungi have been recorded from this region. One candidate got her Ph.D degree and four candidates have got M.Phil degree. The required funds were availed from the self funding project scheme of the management
Recommended to organize National seminars/ workshops/ conferences in the institution	National seminars were conducted by the Departments of Management Studies, Computer Science and Computer Applications, Biochemistry, Microbiology, Biotechnology and Nutrition and Dietetics in the institution from 19.01.2012 to 21.01.2012
Recommended to start edible mushroom and Vermicomposting production units in the institution	Vermi composting unit and edible mushroom production unit have been developed and the vermicompost and edible mushroom are being produced since 2011
Recommended to initiate steps to develop understanding of collaboration through memorandum with various institution / organization/ industries	MoUs have been signed with various organizations / institutions / industries, and it is being carried out as a continuous process
Recommended to submit research proposals to various funding agencies like TNSCST, ICMR, CSIR, UGC, CSI,DST etc.	Received funds from TNSCST, in February 2011 & 2012 and April 2013 which were utilized for the students’ project, and submitted four research proposals to ICMR, UGC, DST and CSIR
Recommended to establish INFLIBNET facility for accessing research journals	Established INFLIBNET facility for accessing research journals in the year 2011-12
Recommended to participate and present research papers by faculties and students in State/ National /International level seminars/conferences	Faculties and students participated and presented research papers in State/National/International seminars/conferences
Recommended to establish the internet facility	8 Mbps with Wi-Fi Internet facility has been established

Recommended to invite eminent research scientists for various seminars/workshops	Eminent research scientists have visited the college
Recommended the faculty to pursue their higher studies	Faculties have registered for their Ph.D. (Part-Time)

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

- **Autonomy to the Principal investigators**
- **Timely availability or release of resources**
- **Adequate infrastructure and human resources**
- **Time-off, reduced teaching load, special leave etc. to teachers**
- **Support in terms of technology and information needs**
- **Facilitating timely auditing and submission of utilization certificate to the funding authorities**
- **any other**

Institution motivates the students and faculty to engage them in research activities through the following initiatives.

- Principal investigators are given full freedom in the implementation of research schemes
- Management funded **research project entitled “Effect of Symbiotic foliicolous fungi on the dynamics of shola species of western Ghats” at Kodaikanal**
- Establishment of **STET Bio – Floral Products Development and Research Centre and Biominin** laboratory at “VAO Garden” (Opposite Campus)
- Facilities for the production biocomposting, vermicomposting, biofertilizer, edible mushrooms, apiculture and tissue culture have been established
- Establishment of **Centralized Instrumentation Facility**
- The Management has procured latest equipments, updated the library facility and subscribed to research journals
- Well equipped laboratories are available for carrying out project works
- Adequate infrastructure is made available in the College
- Allotment of land for various research activities
- Established a well developed **Animal House** for *in vivo* studies
- The institution has hi tech computer and internet facilities and is a member of INFLIBNET/ N-List for accessing research journals
- Training in IBM and Associate membership in ICT Academy of Tamilnadu to facilitate research schemes and projects
- MoUs are signed to collaborate with Biofarm-Coimbatore, Phyto products-Thiruthuraipoondi, Balaji Institute of Management-Pune, Meenakshi Hospital pvt. Ltd-Thanjavur, Kovai medical centre and hospital-Coimbatore, AVC College (Autonomous), Mannampandal, Mayiladuthurai, INMA (Team 9) Ethiopia, East Africa, Sabre IT solutions, Chennai, Elysium Technologies, Madurai, Target Soft Systems, Chennai, VINSOL HRD PVT. LTD., Chennai, Mani Hospital, Thiruthuraipoondi, Scientific Research Association for Economics and Finance, Chennai, A.Krishnamoorthy & Co., Chennai, TANFED, Chennai, TNAU, Coimbatore, Phytoproducts, Thiruthuraipoondi, Tamilnadu Rice Research Institute, Aduthurai and CAK Poly Clinic, Mannargudi
- OD is granted to the students and faculty to complete their research

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

- The departments of Biochemistry, Microbiology, Computer Science and Commerce are recognized research centers of the parent university
- **STET Bio-Floral products Development and Research Centre** and ‘Biominin’ laboratory have been established for agricultural research, to produce Biofertilizers and Micro-nutrients for the improvement of soil, to produce quality agricultural products and for environmental conservation. This laboratory is totally managed by the college and the products are sold at subsidized price
- The institution has established a Centralized Instrumentation Facility
- Animal House has been established
- Tissue Culture laboratories is made available
- Management has provided **Tractor, Conoweeder, Mechanized sprayers, Shredding machine and other farming machineries** for lab to land research.
- **Mushroom shed** for edible mushroom research has been provided
- Vermicomposting yard for **Earthworm research** has been made
- College has developed a **Herbal Garden** to create awareness of medicinal value of plants
- A **microbial culture collection centre** (herbarium) with nearly 200 culture collections has been established and maintained
- Reference books, National and International journals are made available in the library
- Library is equipped with INFLIBNET / N-LIST facilities for accessing e-resources
- The institution is publishing an international quarterly journal entitled ‘Scientific Transactions in Environment and Technovation’
- National seminars were conducted by the Departments of Management Studies, Computer Science, Computer Applications, Biochemistry, Microbiology, Biotechnology and Nutrition and Dietetics
- Invites eminent scientists for delivering lectures and have interactions with the students for furthering their research career
- Research projects to final year PG students / M.Phil scholars
- Seminars/Workshops/Conferences are conducted periodically
- The departments of life science of our college, provide hands on training in the modern instrumentation techniques like Gas Chromatography, HPLC, Semi Auto Analyser, Atomic Absorption Spectroscopy, UV-VIS Spectroscopy and Bioreactor to make the students readily employable in various private and public industrial and academic institutional laboratories
- Science exhibitions, as a part of extension activities, are conducted to demonstrate and share the talents and novel ideas of students with others. The best work is selected for award
- PG Students are encouraged to participate / present papers in national and international workshops / seminars / conferences (Table 3.4)
- College encourages the students to participate in science quiz competitions
- MoUs have been signed with various industries and organizations.

Table 3.4. Details of research papers presented by our students from different departments

S. No	Department	No. of Titles of Research Papers Presented	No. of Students Participated
1	MBA	20	79
2	Mathematics	4	5
3	Commerce	6	22
4	MCA	11	126
5	Biochemistry	61	160
6	Microbiology	87	92
7	Nutrition and Dietetics	26	41
8	Computer Science	38	215
9	Physics	09	11

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

The teachers are actively involved in research. They guide student projects and perform individual and collaborative research (Table 3.5. and 3.6.).

The Department of Microbiology of the institution conducted a research project entitled ‘Effect of Symbiotic Foliicolous fungi on the dynamics of Shola species of Western Ghats’ at Kodiakanal in collaboration with the State Department of Forest, Tamilnadu at the cost of Rs.21, 13,314. **It was a management funded project.** One candidate did her Ph.D Degree, and four candidates completed their M.Phil degrees.

There are 37 candidates registered for the research programme leading to Ph.D degree i.e. 10, 11 and 16 in the Departments of Microbiology, Biochemistry and Computer Science respectively.

Members of the faculty have published number of research articles in collaboration with research institutes

Seven members of the faculty have submitted research proposals to UGC, DST and TNSCST, Chennai and awaiting for sanctioning, which shows their personal involvement in research (Table 3.14)

Table 3.5. Number of PG and M.hil research projects completed by the students (2009-2014)

S. No.	Departments	Number of Dissertations	
		PG	M.Phil
1	Economics	74	-
2	Commerce	184	23
3	Mathematics	195	-
4	Computer Science	129	34
5	Information Technology	163	-
6	Biochemistry	162	49
7	Microbiology	148	37
8	Biotechnology	21	-

9	Nutrition and Dietetics	102	-
10	Physics	110	-
11	Chemistry	113	-
12	Master Business Administration	196	-
13	Master Computer Application	187	-

Table 3.6. Number of completed and on-going Ph.D. research work

S. No.	Departments	Number of Research Scholars	
		Completed 2011-2012	Ongoing 2011-2013
1	Microbiology	1	10
2	Biochemistry	-	11
3	Computer Science	-	16

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

The college organizes seminars/sensitization programmes every year to motivate the research culture among the staff and students by involving eminent scientists (Table 3.7.).

Visiting scientists and Guest lectures by eminent scientists contributing to the capacity building of the students in terms of creating awareness about the current and emerging areas of research. Awareness about their contribution to science motivate the students to pursue research as their career and become scientists

In addition to the sensitization programmes, the institution organized hands on training on sophisticated analytical instruments, edible mushroom cultivation, vermicomposting, apiculture, biocomposting and basic computer training on software and e-content development.

Table 3.7 Details of Seminars organized by different Departments

S.No.	Department	No. of Seminars	No. of Students benefited
1	Biochemistry	4	495
2	Microbiology	2	417
3	MBA(National Seminar)	1	250
4	Computer Science & MCA(National Seminar)	1	245
5	Computer Science	3	375
6	Physics	1	208
7	Chemistry	2	185
8	Microbiology & Biochemistry	1	249
9	BBA, Economics and Commerce	1	230
10	Economics	2	294
11	Nutrition & Dietetics	1	184
12	Biochemistry, Microbiology & Nutrition & Dietetics (National Seminar)	1	325
		Total	3689

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

The prioritized area of research in Microbiology includes production of Biofertilizer, Mycology and Soil Microbiology; the prioritized area of research in Biochemistry includes Pharmacology, Toxicology and Clinical Biochemistry; the prioritized research in Commerce includes Human Resource Management; and the prioritized area of research in Computer Science includes Data mining, Network Security and e-learning.

The Departments of Microbiology, Biochemistry, Computer Science and Commerce are recognized research centers by the parent University. The following research supervisors guide their scholars leading to M.Phil / Ph.D in different areas of research (Table 3.8.). There are 11 members of the faculties recognized research supervisors for Ph.D. degree and 12 members of the faculty guide M.Phil., research programme.

Table 3.8. Details of prioritized research areas and the expertise available in the college (2009-2014)

S.No.	Name of the Faculty	Departments	Expertise
1.	Dr. V. Dhivaharan	PG and Research Department of Microbiology	Aquatic Ecosystem, Mycology, Forest and wild life management , Habitat upgradation and Foliicolous Fungi
2.	Dr. V.B. Hosagoudar		Mycology
3.	Dr.S.Madhavan		Pharmacology
4.	Dr. K. Kandavel		Forest Ecology and habitat upgradation
5.	Dr. N. Umamaheswari		Environmental and Agricultural Microbiology
6.	Dr. M. Kannahi		Environmental and Agricultural Microbiology
7.	J.Victoria		Environmental and Agricultural Microbiology
8.	Dr. S. Amudha	Commerce	Human Resource Management
9.	B. Kayathribai		Human Resource Management
10.	S. Shanti		Marketing
11.	K. Vembu		Human Resource Management
12.	D. Supulakshmi		Marketing
13.	V. Pattammal		Human Resource Management
14.	K. Sudha		Finance
15.	Dr .M.V.Srinath	Master of Computer Applications	Data Mining and E-Learning
16.	Dr.V.Veluchandhar	Computer Science	Network Security
17.	V. Geetha		Data Mining
18.	Dr. M. Chitra	Biochemistry	Biochemical Pharmacology
19.	Dr. R. Anuradha		Phytopharmacology
20.	T.Ananthi		Biochemical Pharmacology
21.	S.Manikandaselvi		Nutritional Biochemistry
22.	P.Mozhiyarasi		Biochemical Pharmacology
23.	P. Venkatalakshmi		Immunopharmacology

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

Though the institution is exclusively a women's college, it conducts research activities relevant to social needs which develops curiosity and attracts researchers to visit the institution

- Established centralized instrumentation facility with sophisticated instruments such as HPLC, Gas Chromatographic unit, Atomic Absorption Spectroscopy, Bioreactor, Extraction and Fractionation unit, Trinocular with LCD Panel Microscope, Microbial culture collection unit, etc.
- Laboratories for mass production of micronutrient fertilizers, Biofertilizers, Vermicompost, Edible mushroom cultivation, etc.
- Members of the faculty publish research articles with high impact factors in collaboration with research organization.
- Interface of management with various organizations.

The college takes efforts to invite persons of eminence to interact with faculty and students in order to promote research. During the period of 2009-2014, 37 persons of eminence in research were invited (Table 3.9.).

Table 3.9. Number of persons of eminence in research who visited the campus.

S.No	Department	No. of Scientists visited
1	Mathematics	6
2	Computer Science and MCA	5
3	Biochemistry	4
4	Microbiology	6
5	Nutrition and Dietetics	2
6	Chemistry	3
7	Economics and Bachelor of Business Administration	3
8	Master of Business Administration	2
9	Physics	5
10	Commerce	2

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

Most of the teachers do research work leading to Ph.D. under part time programme. The institution encourages them not only by providing necessary facilities but also by relieving them from regular duties depending on their requirements. This provision of leave facility has enabled the members of the staff to complete their research within the stipulated period of time, and it has also encouraged other members of the staff to register for Ph.D. Since the faculty members carryout research on part-time basis, they are given academic flexibility to carryout research work. However, none of the members of the staff has availed the sabbatical leave.

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

The ultimate objective of the science education is to make the scientific findings to reach the community through products and practices. In order to fulfill this objective, different science

departments are actively engaged in imparting training in various aspects not only to students but also to the farmers, self help groups and women.

Field Research Station

- The Management established a Field Research Station at Kodaikanal to study the “Effect of Symbiotic Follicolous fungi on the dynamics of the Shola species of the Western Ghats” during the period of 2006-2011. It was totally a management funded project. The cost of the project was Rs. 21,13,314 /-

Soil Analysis

- The Departments of Microbiology and Biochemistry plays a vital role in routine soil analysis, production of micro nutrients and bio fertilizers and distribution to the farmers through STET Bio – Floral Products Development and Research Centre.

Phytopharmacology

- The Department of Biochemistry has been actively carrying out research on herbal medicine since 1999. The formulation and evaluation of the pharmaceutical products are under progress.

Assessment of Water Quality

- The Departments of Biochemistry and Microbiology jointly organize mini projects every year to assess the water quality of ponds and wells in and around Mannargudi and the results are communicated to the stakeholders.

Coconut Research

- The coconut plantations of Thanjavur District are frequently affected by Tanjore Wilt, a fungal disease caused by *Ganoderma lucidum*. Awareness of the disease, its impact, measures to prevent and control and the ways by which the productivity can be improved was given by the departments of Biochemistry and Microbiology to coconut cultivators of neighbouring villages. Coconut field research station has been established at the cost of Rs. 10,00,000 /-.

Vermicomposting/biocomposting

- Vermicompost is the organic fertilizer produced by using vegetable waste and earth worms. The production technology has been provided to the students, farmers, self help groups and women.

Apiculture

- Apiculture technique has been provided to the stakeholders by the Department of Microbiology through STET Bio-Floral Products Development and Research Centre.

Mushroom Cultivation

- The technology of mushroom cultivation is provided to the farmers and self help groups periodically.

3.2. Resource Mobilization for Research

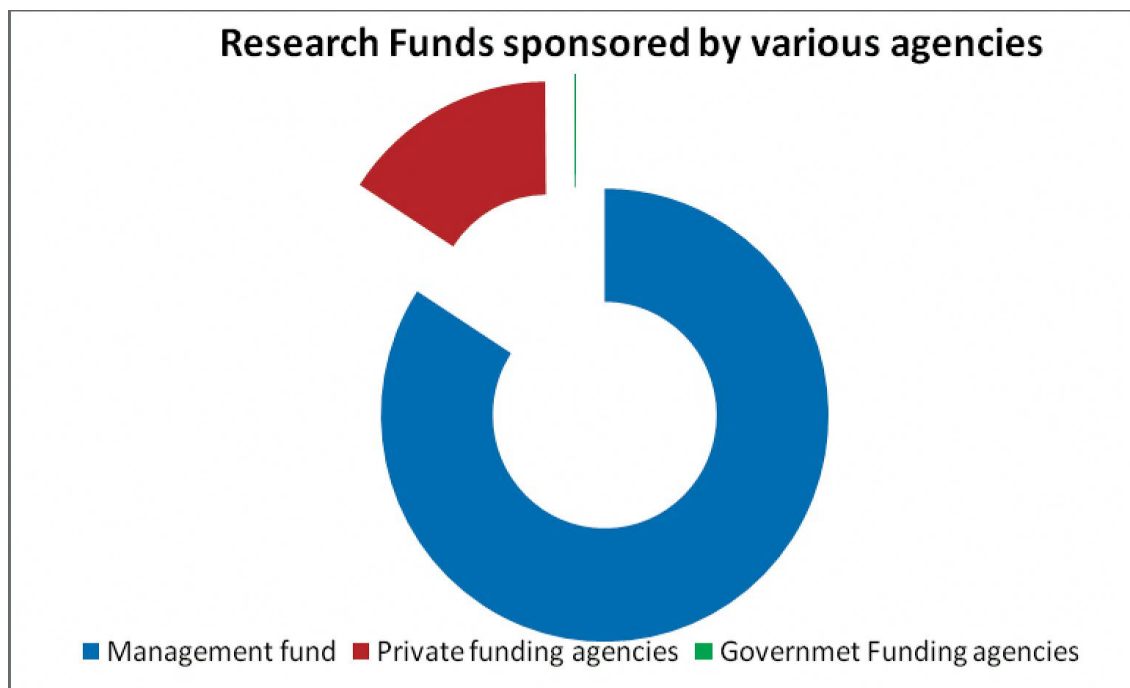
3.2.1. What percentage of the total budget is earmarked for research? Give details of major heads of expenditure, financial allocation and actual utilization.

The institution allocates nearly ten per cent of the annual budget amount for the promotion of research. It comes around 40 lakhs per annum. This earmarked budgeted amount is totally met out by the management (Table.3.10).

Since it is the self financed institution the available funds from the government agencies for the promotion of research is comparatively less when compared the funds provided by the private agencies and management. It comes to 1%, 5% and 94% respectively (Fig.3.1)

Table 3.10. Financial allocation and actual utilization for research.**Resource earmarked For Research in Total Budget**

Major Heads of Expenditure	Year 2010-2011	Year 2011-2012	Year 2012-2013	Year 2013-2014
Internet charges	-	2,89,500	14,39,500	1,50,000
Library Book Purchase	9,70,738	2,40,091	2,05,935	1,09,988
Lab items Purchase	8,30,400	6,07,580	5,14,722	3,25,149
Laptop/ Computer	20,29,300	-	-	15,28,000
Seminar Expenses	24,681	2,78,748.50	35,375	41,543
Xerox Machine	2,49,294	-	-	-
Journals	-	10,43,596	8,61,946.50	4,54,636
Chemical Purchase	-	1,34,112	1,34,112	4,67,686
Computer Accessories	-	9,78,548	5,68,578	1,84,707
Ph.D. Guide ship Remuneration	-	-	26,375	-
Instruments/Equipments purchased	1,20,718	3,63,994	1,33,473	39,417
Service Charges	35,878	31,425	35,100	31,285
Actual Utilization Rs.	41,04,413	39,93,970	39,55,117	43,32,411
Financial Allocation Rs.	41,04,500	39,94,000	39,55,000	43,32,500
Total Budget Rs.	3,97,93,677	5,23,44,187	5,07,98,490	4,92,25,388
Percentage (%)	10	8	8	9

Figure 3.1: Research funds sponsored by various agencies

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

A sum of **Rs.10,00,000/-** was contributed by the management as seed money for the creation of **STET Bio – Floral Products Development and Research Centre**, which promotes active tissue culture, vermicomposting, mushroom cultivation, apiculture and biocomposting.

This facility is being utilized by the members of the Departments of Microbiology and Biochemistry. Funds for the recurring expenditure for the conduct of experiments are extended by the management. This percentage of the faculty availing this facility is 10%.

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

- A Management funded research projects entitled “Effect of Symbiotic Follicolous fungi on the dynamics of the Shola species of Western Ghats”, was carried out by establishing a **Field Research Station** at Kodaikanal. The estimated cost of the project was a sum of **Rs. 21,13,314/-**. This project helped a research scholar R.Nithyatharini to acquire Ph.D. degree. Besides, four of our students benefited by completing their M.Phil. degree programmes out of this project.
- The management allocates funds for books, journals, equipments, chemicals, Hi-fi internet facility and other services.
- **The management supports the students to carry out research projects. Post graduate students of Computer Science and Computer Application carry out research projects at various companies. The expenses incurred by the student in terms of travelling, boarding, lodging and preparation are met out by the management**

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

The Institution encourages the interdisciplinary research in carrying out PG and M.Phil Projects. The Department of Biochemistry has taken up research related to Microbiology, Nutritional Biochemistry, Soil Chemistry, Environmental Science, Biotechnology, Nanotechnology and Bioinformatics. The Department of Microbiology and a Division of Biotechnology have undertaken research related to Biotechnology, Nanotechnology, Biochemistry, Zoology and Herbal Technology. The Department of Physics has undertaken research related to Crystal Growth, Thin film and Nano Technology. The Department of Nutrition and Dietetics has undertaken research related to Clinical Biochemistry, Food analysis and Food Microbiology. The Department of Computer Science has undertaken research related to Bioinformatics, Biometrics, Mathematics and Commerce (Table 3.11.).

Challenges:

Since the teachers are women, after marriage, they get migrated to other places. The migration of trained and experienced teacher creates void in their area of expertise. Hence the institution has to outsource the experts from the outside institution. It is one of the major challenges faced by the institution in carrying out the inter disciplinary researchs.

Table 3.11. Details of inter-disciplinary researches undertaken by the students.

Year 2009-2014

Department	Classes	No of Projects/ Dissertations	Research Area
Biochemistry	II M.Sc. Biochemistry	57	Microbiology, Nutritional Biochemistry, Soil Chemistry, Environmental Science, Biotechnology,
	M.Phil. Biochemistry	6	Nanotechnology and Bioinformatics. Biotechnology, Nanotechnology,
Microbiology	II M.Sc. Microbiology	40	Biochemistry, Food Microbiology, Biodiversity, Industrial Microbiology,
	M.Phil. Microbiology	7	Plant Biotechnology, Animal Biotechnology, Medical Microbiology Biochemistry, Zoology and Herbal
Biotechnology	II M.Sc. Biotechnology	15	Technology, Industrial Microbiology, Food Biotechnology, Environmental Microbiology, Biodiversity Biochemistry
Nutrition and Dietetics	II M. Sc Food Service Management and Dietetics	9	and Microbiology Crystal Growth, Thin film, Nano
Physics	II M.Sc. Physics	55	Technology. Bioinformatics,
Computer Science	II M.Sc. Computer Science	7	Biometrics, Mathematics and Commerce
	II M.Sc. Informatin Technology	4	

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

- A ‘**Centralized Instrumentation Facility**’ has been established, wherein all the important and sophisticated instruments are pooled and effectively utilized by the staff and students
- A ‘**Microbial Culture Collection Centre**’ has been established with a collection of nearly 200 cultures
- To ensure optimal use of various equipments and research facilities of the departments by its staff and students, the institution has ‘**organized workshops, instrument training programs**’ and practical sessions to achieve the full utilization of the equipments (Table 3.12.).
- Optimal use of various equipments is also achieved by dividing the students into small groups/batches for operating the sophisticated research equipments such as UV-VIS Spectrophotometer, Soxhlet Extraction Unit, Gas Chromatographic unit, Semi auto analyser, PCR, Gel documentation unit, Atomic Absorption Spectrophotometer, HPLC, Bioreactor and Trinocular Microscope.

Table 3.12. Details of workshops and instrument training programmes

Department	Academic Year	Workshop/ Training Programme	Participants	No of Beneficiaries
Biochemistry	2006-2007	Techniques in Molecular Biology	I & II M.Sc Biochemistry	71
	2011-2012	Clinical Instrumentation Techniques	II M.Sc. & M.Phil. Biochemistry	40
Computer Science & Master of Computer Applications	2012-2013	Instructional Design for E-Content Development	Faculty only	43
	2013-2014	Workshop on Computer Hardware and Networking	II M.Sc. Computer Science, II M.Sc. Information Technology, II, III M.C.A	151
Microbiology	2005-2006	Immunological and Electrophoretical Techniques	II M.Sc. Microbiology I M.Sc. Microbiology	63
	2011-2013	Bio Instrumentation Training	I & II M.Sc students of Microbiology, Biochemistry, Chemistry and Physics	270
Nutrition and Dietetics	2013-2014	Creative Culinary Carving	I, II, III B.Sc. Nutrition and Dietetics, I, II M.Sc. Food Service Management and Dietetics	187
Master of Computer Applications	2013-2014	Mobile Application Development (Android)	I, II and III M.C.A	114
Computer Science	2009-2010	Workshop on Input/Output devices and Troubleshooting	II M.Sc., CS (18) II M.Sc., I.T (34) II M.C.A (40)	92
	2010-2011	Workshop on PC Assembly and Hardware Maintenance	II M.Sc., CS (24) II M.Sc., I.T (30) II M.C.A (35)	89
	2011-2012	Workshop on Inside your PC and Networking Fundamentals	II M.Sc., CS (33) II M.Sc., I.T (32) II M.C.A (40)	105
	2012-2013	Workshop on Software Installation and Upgrades	II M.Sc., CS (22) II M.Sc., I.T (38) II M.C.A (38)	98
		Workshop on Network setup and Maintenance	II M.Sc., CS (22) II M.Sc., I.T (38) II M.C.A (38)	98
2013-2014	Workshop on PC Assembly and Software Installation	II M.Sc., CS (32) II M.Sc., I.T (29) II M.C.A (39) III M.C.A (38)	138	

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

Yes. The Management provides grants for most of the research activities. The following companies when approached by the college have supplemented the efforts of the management in procuring equipments by cash / kind (Table 3.13).

Table 3.13. Grants received from various industries/agencies

Year	Department	Name of the Financial / Granting Agency	Donated Amount Rs.
1999	Microbiology	GeMac Capital Advisors Ltd., Chennai	2,39,230
2010	Biotechnology	Yoge Enterprises,Pune	
2011	Economics	Malcom & Elizabeth Adiseshiah Trust, Chennai	50,000
2011	Biochemistry	Great Industrial Construction Pvt. Ltd., Chennai	1,50,000
2013	Computer Science	SABRE IT Solutions Pvt. Ltd, Chennai	5,23,000
2014	Microbiology	STET Trust, Mannargudi	
2013	M.C.A	Computer Society of India, Chennai	25,000

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

Since the institution is self financed one, getting financial assistance from the UGC and other governmental funding agencies has become a cumbersome task. Nevertheless the management supports the research activities, and encourages the members of the faculties to apply for research grants from funding agencies / industries to secure funds for research (Table 3.14).

Table 3.14. Details of projects and grants received/awaited

S.No	Nature of the Project	Duration	Title of the project proposal	Name of the funding agency	Total grant Sanctioned Received
1	Major Project	2013-2016	Efficacy of <i>Wattakaka volubilis</i> on Hepatotoxicity and Genotoxicity of Aluminium Chloride	UGC, New Delhi	Awaiting Sanction
2	Major Project	2013-2016	Hepatosupportive role of phytoflavanoids: Influence of <i>Wattakaka volubilis</i> and kaempferol on in vivo and in vitro models of hepatotoxicity	ICMR, New Delhi	Awaiting Sanction
3	Major Project	2013-2016	Molecular Characterization of Heavy Metal Degrading Bacteria and Fungi From Paper Mill Effluent	DST-SERB, New Delhi	Awaiting Sanction
4	Major Project	2013-2016	Molecular Characterization of Heavy Metal Degrading Bacteria and Fungi From Paper Mill Effluent	DST-SERB, New Delhi	Awaiting Sanction
5	Minor Project	2014-2016	Preparation of Low-Cost ZnO Nanopowders and Nano Crystalline Thin Films for antibacterial applications	UGC-SERO, Hyderabad	Awaiting Sanction

6	Minor Project	2013-2015	Developing Computer based and web based learning environments for pedagogical training of teachers of higher education	CSI, Chennai	Rs. 25000 Sanctioned
7		2010-2011	Anti-Inflammatory Activity Of The <i>Thespesia populnea</i> Linn By The Drug Induced Mice	TNSCST	Rs. 6000 Sanctioned & Recieved
8	Students research project	2011-2012	Inhibition of mineralization of urinary stone forming minerals by medicinal plants	TNSCST	Rs. 6000 Sanctioned & Recieved
9	Students research project	2011-2012	Anti obesity effect of <i>Citrus aurantium</i> peel extract of chlorthiozide in male albino rats	TNSCST	Rs. 6000 Sanctioned & Recieved
10	Students research project	2014-2015	Evaluation of Ethanolic seed extract of <i>Pedaliium murexL.</i> In serum electrolytes and urine oxalate of urolithiatic male albino rats	TNSCST	Awaiting Sanction
11		2014-2015	Phycoremediation of heavy metals by <i>Spirulina sp.</i>	TNSCST	Awaiting Sanction

Table 3.15. Details of Completed Projects

S.No.	Nature of the Project	Duration	Title of the project	Name of the funding agency	Total grant received from the Trust
1	Field research Project	2006-2011	“Effect of Symbiotic Foliicolous fungi on the dynamics of Shola species of Western Ghats”, at Kodiakanal	Management	RS.21,13,314

Table 3.16. Details of the projects completed availing funds from funding agencies (2009-2014)

S.No.	Year	Nature of the Project	Number of Projects completed	Name of the funding agency	Total grant received Rs.
1	2009-2010	Students' Project	6	Diva Exports, Chennai	40,000
2	2010-2011		6	Vivek JJ Anandh Exports, Chennai	42,000
3	2011-2012		6	Diva Exports, Chennai	38,000
4	2012-2013		3	M/s Sabre Publication Services , Chennai	18,000
			6	Vivek JJ Anandh Exports, Chennai	47500
5	2013-2014		3	M/s Sabre Publication Services , Chennai	18,000
			6	Diva Exports, Chennai	41,000
			3	M/s Sabre Publication Services , Chennai	18,000

3.3. Infrastructure for Research

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

The research facilities available within the campus are furnished below:

- The library is kept open for the staff, students and research scholars beyond the college hours, and books, reviews and journals are stacked exclusively for research
- Membership in **INFLIBNET/N-LIST** giving links to internet e-resources in the form of books, journals and databases
- The Management has provided 8 mbps internet and **Wi-Fi facilities** which are interconnecting the entire campus. **Reprographic and DTP facilities** to staff, students and research scholars for speedy execution of project documentation and for timely submission
- Each department has internet facilities which enable the faculty to get research materials
- **Eleven** members of the staff are recognized Research Adviser to guide Ph.D, and 12 members of the staff guide M. Phil programme
- Research scholars of other institutions can also avail the library resources of this institution
- A **Centralized Instrumentation Facility** has been made available with the sophisticated instruments
- **Microbial Culture Collection Centre** has been established
- **‘STET Bio – Floral Products Development and Research Centre’** for large scale production of bio fertilizer products and a separate centre for tissue culture, vermin composting, mushroom cultivation, apiculture and bio composting activities are functioning effectively
- **Bioinin laboratory** is established to give hands-on training to the students and farmers in the production of micro nutrients
- **Allotment of land** for lab to land research
- A quarterly international research journal entitled **“Scientific Transactions and Environment and Technovation”** is being published
- All the agricultural implements are provided to carry out lab to land research.

In addition to that, analytical techniques and Instrumentation workshops are conducted regularly in the college. This has made it possible for each student to handle the equipments/instruments and perform the experiments diligently. The financial assistance provided by the management has helped in the purchase of new equipments/instruments.

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

Emerging areas of research needs up dation of existing facilities. Hence the following strategies have been adopted to update the facilities

- Equipments/Chemicals are procured for conducting research in emerging areas like Biochemistry, Microbiology, Biotechnology, Information technology and Food Service Management and Dietetics
- Strengthening the Centralized Instrumentation Facility Centre with addition of new sophisticated instruments

- Arranging for interactive sessions involving eminent scientists in the emerging areas of the concerned subjects through seminars and conferences
- Arranging for exchange programmes with other neighbouring research stations
- Training the members of the staff through refresher courses/workshops for capacity building
- Updating the ICT facilities
- Expansion of infrastructure for Tissue Culture Laboratory
- Signing of MoUs with industries/organizations for training, project and research (Table 3.36)
- Arranging for sponsorships from various financial institutions, NGOs, Industries and Government organisation
- Each department is required to establish a corpus fund by approaching alumni, and earnings through the activities
- The outcomes of the community based activities, which are already ongoing in the campus, would be channelized for further development

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

Yes. The institution has received grants for developing research facilities from trusts/companies such as Malcom and Elizabeth Adiseshiah Trust Chennai, SABRE IT Solutions Pvt. Ltd. Chennai, GeMac Capital Advisors Ltd. Chennai, Great Industrial Construction Pvt. Ltd. Chennai, Yoge Enterprises Pune, Computer Society of India Chennai and EDP Cell of Tamilnadu, Chennai. (Table 3.17).

Table 3.17 Details of grants received from instruction / organization

Year	Department Involved	Name of the Financial / Granting Agency	Donated Amount Rs.	Name of the Instrument purchased / Training Programme
1999	Microbiology	GeMac Capital Advisors Ltd., Chennai	2,39,230	Gas Chromatographic Instrument
2010	Biotechnology	Yoge Enterprises, Pune	1,50,000	Extraction Unit
2011	Economics	Malcom & Elizabeth Adiseshiah Trust, Chennai	50,000	HP Pavilion P6 Series Desktop P6-2010-ix, Sony VPL-PX-11 LCD Projector
2011	Biochemistry	Great Industrial Construction Pvt. Ltd., Chennai	1,50,000	Semi Auto Analyzer
2013	Computer Science	SABRE IT Solutions Pvt. Ltd, Chennai	5,23,000	120 Computers
2014	Microbiology	STET Trust, Mannargudi	9,87,000	HPLC
2013	M.C.A	Computer Society of India, Chennai	25,000	Developing Computer based and web based learning environments for pedagogical training of teachers of higher education

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

- The management and the institution maintain the practice of sending the students for research to the following institutions, namely Sri Ranga Ramanuja Centre for Advanced Research in Biosciences and Periyar College of Pharmacy at Trichirappalli, Centre for Advanced Research in Indian System of Medicine, Harman Biomedical Diagnostic and Research Centre, Amphigene Research Laboratory, Sri Gowri Biotech Research Academy, Indian Institute of Crop Processing and Technology and Muthaiyah Research Foundation for Biological Science at Thanjavur, AVC College (Autonomous) Mannampandal, Mayiladuthurai which facilitate the students to visit laboratories for the completion of their project work. It should be highlighted that it offers a platform for the students to learn the extended facilities available in such institutions.
- A bonafide certificate from the College helps them to approach other laboratories and research centers and make use of their facilities
- The students are also encouraged to visit the libraries of other institutions for the collection of literature
- The students and research scholars are provided with enough support and encouragement to participate and present research papers in the seminars and conferences conducted by other institutions

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

a) The college library has a wide range of Books, Encyclopedia, Research Journals and Magazines. Accessing online journals through INFLIBNET is also provided by the college (Table 3.18. & Table 3.19).

b) All the faculty and students have been provided with a password and they can access e-journals /e-books (Table 3.20).

c) OPAC facility has been established in the library, which facilitates the researchers to locate the required literature and other resources.

Table 3.18: Details of National/International Journals for research

S.No.	Departments	Research Journals	
		National	International
1	English	2	-
2	Commerce	2	-
3	Economics	4	-
4	Mathematics	3	1
5	Physics	7	-
6	Chemistry	8	3
7	Computer Science	1	-
8	Biochemistry	9	5
9	Microbiology	11	15
10	Nutrition and Dietetics	4	1
11	General	4	-
12	M.B.A	34	16
13	M.C.A	4	11

Table 3.19. Details of INFLIBNET facilities available in the college.

S.No.	N-LIST	Total Number of	
		Students Enrolled	Staff Enrolled
1.	2011-2012	3222	112
2.	2012-2013	1534	19
3.	2013-2014	1319	-
4.	2014-2015	1671	18

Table 3.20. Details of e-journals/e-books available

S.No.	Department	e-Books	e-Journals
1	Economics	55	-
2	Commerce	56	-
3	Mathematics	139	-
4	Physics	30	-
5	Chemistry	25	-
6	Biochemistry	7	-
7	Microbiology	7	-
8	Nutrition and	8	-
9	Dietetics	107	-
10	Computer Science	-	8
11	M.B.A M.C.A	-	4

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

MoUs with various industries and research centers help the students and research scholars to use the infrastructure of those institutions and the organizations / institutions provide funds for the purchase of instruments (Table 3.13).

The collaboration and understanding with industries and institution resulted in addition of instruments such as Gas Chromatographic Instrument from GeMac Advisor (P) Ltd., Chennai; Extraction Unit from Yoge Enterprises, Pune; HP Pavilion P6 series desk top P6-2010-ix and Sony VPL-px-11 LCD Projector from Malcom and Elizabeth Adiseshiah Trust Chennai; HPLC from STET Trust, Mannargudi; Semi Auto Analyser from Great Industrial Construction (P) Ltd, Chennai; Computers 120 numbers from SABRE IT Solutions (P) Ltd., Chennai. Developing computer based and web based learning environments for Pedagogical training of teachers of higher education from Computer Society of India, Chennai; and a sum of Rs. 1, 00,000 from the government of Tamil Nadu.

3.4. Research Publications and Awards

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

- Patents obtained and filed (process and product) – Under process
- Original research contributing to product improvement

Original Research

New Species

Twelve new species of foliicolous fungi namely *Meliola cyperacearum*, *Meliola hoveniae*, *Meliola luculiae*, *Meliola thiyagesanii*, *Asterina scutellariae*, *Asterina dhivaharanii*, *Asterina kukkalensis*, *Asterina phobegena*, *Asterina polygalae*, *Asterina viburnii*, *Questieriella toddaliae*, *Meliola exacigena* and two new varieties such as *Asteridiela solani var. kodaikalensis*, *Meliola daviesii var. kodaikalensis* and new records for India *Meliola euonymi*, *Asterina clematidi* have been discovered and added to the fungal flora.

Product Development

Wound healing activity of medicinal herbs namely *Spermacoce hispida*, *Andrographis echiioides*, *Alpinia galanga* and *Curcuma longa* was studied. The ointment prepared using the herbal extracts proved successful. The formulation and development of delivery system are under progress.

- Research studies or surveys benefiting the community or improving the services (Table 3.21)

Table 3.21. Details of the research study benefiting the community

S.No.	Academic Year	Department	Number of Research Projects
1	2010-2011	Biochemistry	2
2	2011-2012		5
3	2013-2014		1
4	2011-2012	Nutrition and Dietetics	1
5	2012-2013		1
6	2013-2014	Master of Business Administration Microbiology	1
7	2014-2015		1
8	2009-2010		5
9	2010-2011		5
10	2011-2012		8
11	2012-2013		11
12	2013-2014		10

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

Publication of Research Journal

Yes. The college publishes a quarterly Interdisciplinary Research Journal viz., International

Journal of **Scientific Transactions in Environment and Technovation** (STET) since 2007 and 27 issues have been brought out so far.

Editor-In-Chief

Dr. K.Thiyagesan, India

Executive Editor

Dr.V.Dhivaharan, India

Editors	Editorial Advisory Board		
Dr.L.Kannan, India	Dr.Arie Van Der Lugt, Netherlands	Dr.K.P.Sivakumaran, Australia.	Dr.R.Saravanamuthu, India
Dr.R.Nagarajan, India	Dr.J.D. Goss-Custard, U.K.	Dr.C.Chandramohan, Singapore	Dr.L.S.Renganathan, India
Dr.V.B.Hosagoudar, India	Dr.Jezdimir Knezevic, U.K.	Dr.Jin Hwan Lee, Republic of Korea.	Dr.C.V.Birumanandham, India
Dr.B.Chandrasekaran, India	Dr.S.E.G.Lea, U.K	Dr. An.Subramanian, Japan	

Journal Policy

The publication of the quarterly journal is based on the mutual trust between publisher and authors. The journal publishes original articles from any area of science and arts, which is related to environment and / or advancement in technology. Research articles in all fields of physical, chemical, life sciences, engineering and technology, arts and humanities that are relevant to environment and / or technological innovations are considered for publication

International Data base of the Journal:

ISSN 0973- 9157 – RNI No. TNENG/2007/22123

3.4.3. Give details of publication by the faculty and students

Members of the faculty have published 1073 articles in National and International Journals and 45 books (Table 3.22). The analysis of research articles published by the members of the faculty revealed that the number of publication made in international journal is in increasing trend, whereas there is decreasing trend in the publication made in the national journal. This may be due to the fact that the impact factor of the international journal is relatively high (Fig 3.2).

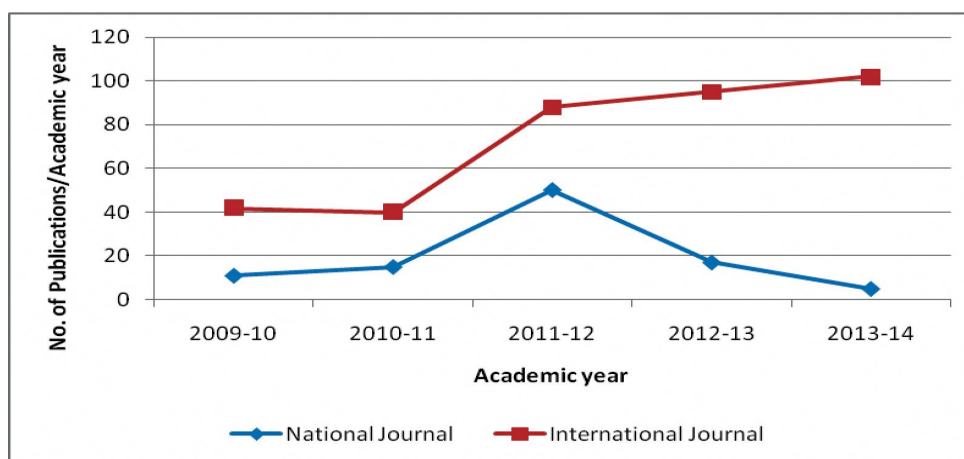
Table 3.22. Details of publication of research articles

S.No.	Department	Publication				Edited Books or chapters in Books
		National	International	Regional	Any other	
1	Microbiology	128	486	1	53	37
2	Biochemistry	20	156	-	5	1
3	Chemistry	3	12	-	-	-
4	Nutrition and Dietetics	4	4	-	-	-
5	Physics	-	5	-	-	-

6.	Computer Science	-	7	-	64	2
7.	Mathematics	3	21	2	2	-
8.	Commerce	1	9	-	3	2
9.	Business Administration	20	19	-	-	-
10.	Economics	7	1	-	8	-
11.	Master of Business Administration	-	12	-	-	1
12.	Master of Computer Application	-	25	-	-	2
13.	English	-	-	-	6	-
14.	Tamil	1	-	-	6	-
	Total	187	737	2	147	45
	Grand Total				1073	

- Details pertaining to the publication per faculty runs into pages, which will be submitted at the time of peer time visit

Figure 3.2: Trend of research publication by the members of the faculty from 2009-2014



- Total impact factor of the publications is 386

Table 3.23. Details of Impact Factor

S.No.	Departments	Impact Factor	SNIP	SJP	H-Index
1	Commerce	2.94	-	-	-
2	Mathematics	13.8352	-	-	-
3	Biochemistry	94.774	32.909	24.374	549
4	Microbiology	238.899	5.756	4.611	70
5	Physics	4.162	-	-	-
6	Nutrition and Dietetics	-	-	-	-
7	Chemistry	1.118	0.465	0.996	37
8	M.B.A	2.936	-	-	-
9	M.C.A	23.6933	-	-	-
10	Computer Science	1.786	-	-	-
	Total Impact factor	385.717	39.130	29.981	656

3.4.4. Provide details (if any) of**a. Research awards received by the faculty****Table 3.24. Details of research award received by the faculty**

S.No.	Year Name of the Faculty	Name of the Award	Awarded by
1	2000 Dr.V.Dhivaharan	The Millenium Award	All India Isshinaryu Karate Association.
2	2000 Department of	Idayam Kappon	Lions Club, Mannargudi
3	2001 Microbiology	Outstanding Young Person	Raja Mannargudi Junior Chamber Jaycee week,
4	2002	Kalvi Pani Chemmal	Mannargudi
5	2006	Man of the Year -2006	All India Tamil Writers Associations, Chennai
6	2013	Life Time Achievement Award	American Biographical Institute, USA ECO CLUB, H.H.Rajah's Government College, Pudukkottai.
7	2007 Dr.V.B.Hosagoudar 2010 Department of 2013 Microbiology 2010	Leading Scientist of the World Outstanding Scientist of the Year-2010	International Biographical Institute, Great Britain
8	1982 Dr .R.Saravanamuthu	Teacher Fellow Award	UGC, New Delhi
9	1987 Department of Microbiology	Fellow of the Indian Botanical Society	-
10	1998	Man of the Year	American Biographical Institute, USA
11	1999	Man of the Year	
12	2000	Man of the Year	
13	2000	The 2000 Millenium Medal of Honour	
14	2000	Honour	
15	2004	Commemorative Medal of Honour, Hallmark	Rotary Club, Mayiladuthurai
16	2005	Rotary Club Centennial Award Research Fellow 2005	American Biographical Institute, USA
17	2008 Dr. S. Amudha, Department of Commerce	Rashtriya Vidhya Saraswathi Puraskar Award	International Institute of Education and Management, New Delhi
18	2010	Rajiv Gandhi Vidhya Shiromani Award	International Institute of Education and Management, New Delhi
19	2010	Glory of Bharat Gold Medal Award	Indian Solidarity Council, New Delhi
20	2011	Best Researcher (Panpadu Katha Santror)	Tamizhaiya Kalvikazhagam, Avvai Trust, Thiruvaiyaru
21	2012 J. Sanbagalakshmi Department of Tamil Dr. M. Chitra	Cambridge Certificate for outstanding Engineering Achievement Award	The International Biographical Centre Great Britain
22	2011 Department of Biochemistry	First prize in paper presentation for the paper entitled	Department of Chemistry, AVC College (Auto)

	Dr. U. Gayathri Department of Chemistry	“Adsorption Kinetics in Ferrous Ions” presented in UGC sponsored National seminar on “Recent Trends in Chemistry”	MannampandalMayiladuthurai
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a. Recognition received by the faculty from reputed professional bodies and agencies, nationally and internationally

The Faculty members of different departments of the institution are the members in professional bodies (Table 3.25).

Table 3.25. Details of the recognition received by the faculty from reputed professional bodies

S.No.	Name of the Staff & Department	No. of recognition earned
1	Dr. V. Dhivaharan Department of Microbiology	4
2	Dr. V.B.Hosagoudar Department of Microbiology	14
3	Dr. S. Amudha Department of Commerce	1
4	C.Kavitha, S.Kaladevi, E.Amutha, V. Jayanthi, V.Kavitha, J. Porchelvi, J.Sanbagalakshmi, R.Kalaiselvi, J.Kalaimani, L.Mekala, K. Thillaiyadi Valliyammai and A.Kamala, Department of Tamil	1
5	Dr.N.Umamaheswari, Dr. M.Kannahi, Department of Microbiology	3
6	J.Victoria, Department of Microbiology	1
7	S.Priya, Department of Microbiology	2
8	Dr.M.Chitra Department of Biochemistry	2
9	Dr.R.Anuradha Department of Biochemistry	2
10	T.Ananthi Department of Biochemistry	2
11	P.Venkatalakshmi Department of Biochemistry	4
12	S.Manikandaselvi, G.Prasanna, V.Poornima, V.Bharathi	1
13	Dr.S. Vishnupriya Department of Nutrition and Dietetics	3
14	N.Sangeetha Department of Nutrition and Dietetics	1
15	Dr.M.V.Srinath Department of M.C.A	26
16	A.Adhiselvam Department of M.C.A	3
17	K. Vinayakan Department of M.C.A	3
18	R. Bhuvaneshwari Department of M.B.A	1
19	Mrs. V.Geetha Department of Computer Science	4
20	S.Sayi priya, R. Anitha, R.Bhuvanapriya R.Manjupargavi, N. Subhalakshmi, S.Rajeswari, V.Magaiyarkarasi Department of Computer Science	3
21	Mrs.K.Savima Department of Computer Science	5
22	C.Jasmine, Department of Computer Science	3
23	R. Vijayalakshmi, J.Sangeetha, R.Akilandeshwari, G.Devi, J.Revathi, J.B.Geetha, S.Ramya, S.Mekala, S.Sangeetha, S.Santhosi Department of Computer Science	2
24	Mrs.T.Vijayalakshmi Ms.S.Yasotha Margaret Department of Economics	1

a. Incentives given to faculty for receiving state, national and international recognitions for research contributions

- a. The institution has made provision for incentives in the form of additional increments and promotions for the teacher who receives the recognition / honour.
- b. Management provides cash awards for those publish research articles in national/international journals with high cumulative impact factors and H index as incentives.
- c. The college provides a special allowance of Rs. 1500/= for the member of the faculty who completes Ph.D. degree and a sum of Rs.1000/= for those who complete SET/NET.

3.5. CONSULTANCY

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

As a strategy of establishing institute –industry interface the institution has signed MoUs with different firms/industries/organization (Table 3.26.).

Table 3.26. Details of MoUs with different firms/industries/organizations

S.No.	Name of the Agency	Activity
1	Elysium Technologies, Madurai	Research Project, Placement and Training
2	Target soft systems, Chennai	Research Project and Training
3	SABRE IT Solutions Private Ltd, Chennai	Research Project and Training
4	Kovai Medical Centre & Hospital, Coimbatore	Internship, Clinical assessment and dietetic counseling
5	Meenakshi Hospital, Thanjavur	Internship, Clinical assessment and dietetic counseling
6	VINSOL HRD PVT LTD, Chennai	Research Project and Training
7	Mani Hospital, Thiruthuraiipoondi	Internship, Project Work and placement training
8	Scientific Research Association for Economics and Finance, Chennai	Research Projects Internship, Project Work and placement
9	A.Krishnamoorthy & Co., Chennai	training
10	TANFED, Chennai	Research Project and Training
11	Biofarm, Coimbatore	Research Project and Training
12	Phytoproducts, Thiruthuraiipoondi	Research Project, Marketing and Training
13	Tamilnadu Rice Research Institute, Aduthurai	Research Project and Training
14	CAK Polyclinic, Mannargudi	Internship
15	A.V.C College (Auto.), Mayiladuthurai	Research project and Training
16	INMA (TEAM 9), Chennai	Research project and Training
17	Aqua Pure Plus, Thirumangalam, Chennai	Research project and Training
18	CSC, Chennai	Certificate Programme (with stipend)
	Kiran Global Chems Limited, Chennai	Project Training and Industrial visit

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

The stated policy of the institution is to ensure that the benefits of the knowhow, skills/expertise of faculty and the students (Tables 3.27) reach the Organizations/Community through consultancy.

- As the Institution is located in the area surrounded by villages of economic backwardness, the consultancy services are provided free of cost. However, the products are supplied at the subsidized price
- To reach the maximum number of farmers, Women Self Help Groups, NGOs, neighbouring villages the institution organizes number of society oriented programmes
- The college advocates and publishes the available expertise for consultancy services through advertisement in the publications of the institution
- The Departments of Biochemistry, Microbiology, Nutrition and Dietetics and MCA publicize their expertise through pamphlets, posters and charts.
- Consultancy and training to farmers, students, self help groups and women are provided through “**STET Bio-floral Products Development and Research Centre**”, and “**Biominin Laboratory**”

Table 3.27. Details of the available expertise in the institution

S.No.	Staff Name	Expertise in the area of consultancy
1	Dr.R.Saravanamuthu	Mushroom cultivation and Biological control
2	Dr. N.Umamaheswari	Vermi composting
3	Dr.M.Kannahi	Mushroom cultivation
4	J.Victoria	Soil fertility status
5	R.Mangalanayaki	Apiculture
6	Dr.R.Anuradha	Food adulteration and health care
7	T.Ananthi	Clinical Instrumentation
8	S.Manikandaselvi	Blood group analysis/ Anaemia and health care
9	P.Venkatalakshmi	Impact of Herbal medicine
10	G.K.Gomathi	Post Menopausal Management
11	Dr.S.Vishnupriya	Cancer diet therapy
12	N.Sangeetha	Food Preservation
13	R.Kaviyarasi	Obesity – Risk assessment
14	Dr. M.V.Srinath	e-Content Development and Technical Training
15	K.Vinayakan	Basic Computer Training
16	K.Savima	Awareness on Internet, e-Mail and Laptop Website Development
17	V.Geetha	Software Development, Computer Awareness Programme
18	R.Manjupargavi	Software Development , Software Installation
19	J.Revathi	Software Development
20	S.Mekala	Software Development

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

The institution encourages the staff to utilize their expertise and available facilities for consultancy services by taking the following initiatives

- Honouring the members of the faculty with awards
- Recognizing the faculties' consultancy services
- Granting OD to the members of the faculty for consultancy services
- Extending the facilities of 'STET Bio – Floral Products Development and Research Centre', Tissue Culture and 'Biominin' Laboratory to provide consultancy and training in biocomposting, vermicomposting and edible mushroom cultivation and micro nutrients
- Providing land for field trials and demonstration
- Establishing Field Research Stations
- Providing necessary agricultural implements for field works
- Allocating funds to carryout consultancy services

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

- The departments of Biochemistry and Microbiology offer consultancy services to farmers and rural people in soil testing, mushroom cultivation, vermicomposting, apiculture, herbal garden, biofarming and marketing of medicinal plants
- The department of Nutrition and Dietetics offers consultancy services regarding post menopausal management, cancer diet therapy, obesity risk assessment and food preservation
- Consultancy services provided by the Computer Science and MCA departments include software development, e-content development, etc.
- Analytical instrumentation training has been given to the outgoing students of the departments of life sciences
- Clinical parameter analyses are provided
- Most of the consultancy services are provided at free of cost. But the products developed are marketed at the subsidized price

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

The revenue generated through these consultancy services is maintained as corpus fund and would be utilized for the further development of research and extension activity.

3.6. Extension Activities and Institutional Social Responsibility (ISR)

'Extension' is the application of the content of course for the betterment of the society. Extension services are provided to the villages in and around Sundarakkottai as on/off campus programmes through the students of concerned departments, NSS, WISH, YRC, RRC, EXNORA, ROTARACT and WECAN. Activities include edible mushroom cultivation, production of microbial biofertilizers, Vermicomposting, bio composting, apiculture etc., Awareness programmes such as purchasing pattern, soil testing, blood grouping, anaemia and its impact, food adulteration, dietary management, drug

abuse, malnutrition and nutritional awareness., impact of alcohol and narcotics, mosquito menace, significance of lactation, menopause and post –menopause management, computer training programme, digital literacy programme, computer hardware training, science exhibition, world literacy day celebrations, EDC and educational career counseling.

Those various activities help the society in one way or other by way of providing self employment opportunities and entrepreneurial skills. Besides, they also help to create awareness regarding the ill effects of alcoholism and use of narcotics, and strategic approach to the health problems, and thus enhance the socioeconomic status of the society.

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

The students are motivated to participate in various activities organized by different departments and forums as mentioned in the previous section (3.6). The institution has adopted three neighborhood villages namely Sundarakkottai, Karuvakurichi and Rishiyur to promote the institution-neighborhood-community network. This has given an opportunity to understand the sociological problems and to suggest measures for redressal. This practice in turn gives them to develop leadership qualities and to inculcate social responsibility, and thus make them as good citizen of India (Table 3.28.).

Table 3.28. List of community based services rendered by the institution from 2009-2014

S.No.	Name of the organization	No. of programmes organized
1	NSS	20
2	Rotaract	7
3	Student Exnora	7
4	RRC	8
5	YRC	14

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

The institution has made it mandatory for the undergraduate students to be a member of any one of the following service schemes:

- National Service Schemes (NSS)
- Student Exnora
- Youth Red Cross (YRC)
- Red Ribbon Club (RRC)
- Rotaract

Undergraduate students are motivated and encouraged to be members of the village adoption programme. The student volunteers of the village adoption programme conduct need- based extension activities to promote the economic status and self reliance (Table 3.29 -3.30).

Table 3.29: Details of student involvement in various social activities from 2009-2014

S.No.	Name of the Organization	No. of Programmes Organized
1	NSS	17
2	Rotaract	5
3	RRC	2
4	YRC	13
5	Students Exnora	6

Table 3.30: Details of student involvement in promotion of citizenship roles from 2009-2014

S.No.	Name of the Organization	No. of Programmes Organized
1	NSS	03
2	Rotaract	02
3	RRC	06
4	YRC	01
5	Students Exnora	01

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

Institution is highly concerned about the perception of the stakeholders (students, parents, staff, alumni farmers and industrialists). Redressal Cell is functioning in the college which organizes formal and informal meetings with the stakeholders. Their requirements, suggestions and complaints are taken into account and the decisions are taken accordingly.

Students

- Performance and achievements of the students in the University examinations are assessed
- Suggestions from the students are always invited to improve the processes of teaching and learning
- Complaint register is placed in the college office
- Students have the freedom to meet the Principal even during working hours, without prior appointment to express their views on the functioning of the institution

Parents

- Faculty/ Head of Department /Principal interacts with the parents/guardians regularly
- Overall performance of the students is reported through meetings and phone calls.
- Opinions of the parents are considered with respect to various aspects such as planning of industrial visits, cultural programs, etc.

Faculty

- Regular meetings of the faculty are held to keep them updated with the changes and developments in the college
- Most of the decisions are taken only after consulting the faculty during the meeting of the staff council

- Views of the students and parents regarding the teaching are conveyed to the concerned teachers

Alumni

- Registered Alumni Association with a Staff in-charge organizes meetings and has regular formal and informal interactions
- The Annual Alumni meet takes place on the Graduation Day
- Alumni are free to give their suggestions, for the holistic development of students and the institution
- Alumni working in various organizations routinely intimate about the employment prospects to the alumni association

Farmers/Agriculturist

- The local administrative bodies in adopted villages are also involved in the feedback process and their opinions are taken into consideration for quality improvement.

Industrialists

- The industrialists views are obtained regarding the contents of the curriculum and their suggestions are transmitted to the university authorities for necessary amendments.

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

The College is organizing number of outreach activities which relate to academic, social, cultural, community service, venture programmes, etc. All these are culminating in building a healthy society. Thus contributing to nation building. The college with the help of local government and voluntary organizations organizes the outreach programmes (Table 3.31.). These programmes help the students to acquire leadership qualities, to develop personality, inter personal interaction skills and to develop into socially responsible individuals (Refer 3.6.7).

- Twelve activities related to the capacity building of the villagers in and around Sundarakkottai were conducted on the occasion of national festival celebrations, at the expense of Rs 1,86,741 /-
- Nine Awareness programmes in relation to develop the attitudes of social responsibilities were conducted during the period of 2009-2014, and the budgetary amount allocated was Rs. 45,000/-.
- Twenty seven programmes in order to create awareness about the diet related health problems, basic hygiene, etc. were conducted, and the incurred expenses were Rs. 3,17,639/-.
- Twenty environmental awareness programmes were conducted at the expense of Rs. 1,67,333/- during the period of 2009-2014.
- Eleven entrepreneurship training programmes were conducted in and around Sundarakkottai at the expense of Rs. 14,12,268/-.
- Ten training programmes were conducted for the students of schools/colleges and teachers on tools, techniques and computer skills at the expense of Rs. 23,500/-

Table 3.31. Details of the extension programmes (2009-2014)

S.No.	Nature of the Extension activities	Number of days held	Budget allocation in Rs.
1	Celebrations of National Festivals	12	1,86,741
2	Awareness programmes on social responsibilities	9	44,000
3	Awareness Training on Health and Hygiene	27	3,17,639
4	Programmes on Environmental Awareness and Safety	20	1,67,333
5	Leadership and Entrepreneurship Programmes	11	14,12,268
6	Training Programmes on Modern Tools	10	23,500

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

The Institution promotes the participation of both the students and faculty in the extension activities through wide spread communication

- Members of the staff are made in charge of various forums so as to carry out the planned activities effectively.
- The teachers are also encouraged to outreach their expertise in their subject area through this forum by way of lecturing , training and demonstration
- The College undertakes wide spread co-curricular activities through the departments, NSS, EXNORA, YRC, RRC and Rotaract. **Every student must be a member** in any one of the organizations of Part V activities. Moreover, as most of the departments carry out the extension activities, participation of both the students and faculties is ensured
- Hand book of the college provides all the information regarding the part V activities
- Members of the National Service Scheme carry out special camps every year in the villages located in and around Sundarakkottai
- Volunteers of NSS, YRC, RRC, Rotaract and Student Exnora conduct need based awareness programmes on the pertinent issues throughout the year
- The Best Volunteers of each Part V activities are rewarded on the “College Day” function (Table 3.32)

Table 3.32. Details of the Best Volunteers

S.No.	Year	Name of the Club	Name of the Student
1	2009-2010	NSS	N. Sujatha, II C.S
2		Rotaract	S.Nasrin Fathima, II B.Com
3		YRC	J.Rajalakshmi, II B.B.A
4		RRC	T.Naveena, II Biochemistry
5		Exnora	P. Hema, I BA Economics
6	2010-2011	NSS	S.Sangeetha, II B.B.A

7		Rotaract	P.Surya, II B.Com
8		YRC	R.Kalaiselvi, II Maths
9		RRC	S.Sathya, II B.B.A
10		Exnora	R. Divya, II Microbiology
11	2011-2012	NSS	V.Vidhya, III C.S
12		Rotaract	A.Sharmila, II B.A English
13		YRC	G.Bathmaja, II Physics
14		RRC	N.Vinothini, I Biochemistry
15		Exnora	B. Sneha, II Maths
16	2012-2013	NSS	V.Ramya, III C.S
17		Rotaract	M.Afiya, II C.S
18		YRC	R. Thivya, II N&D
19		RRC	J.Jayapriya, II Physics
20		Exnora	B.Nandhini, II N&D
21	2013-2014	NSS	A.Infant Jenssia, III Physics
22		Rotaract	A.Porkkulali, II Micro
23		YRC	M. Akalya, I N&D
24		RRC	M.Abinaya, II Micro
25		Exnora	S.Joicy, II Biochemistry

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

The Department of Nutrition and Dietetics and MBA conducted survey on malnutrition, communicable diseases, socio-economic status, literacy rate, etc. of the surrounding villages. The results showed that most of them are economically backward and are not affordable for providing higher education to the women children. A sizable section of the society constitutes agricultural labourers. Extension activities such as training to self help groups and women on soil analysis training in biocomposting, vermicomposting, apiculture, edible mushroom cultivation, etc., educate and empower the rural and vulnerable sections of the society (Table 3.33-3.34).

Table 3.33. Details of the surveys in the Department of Nutrition and Dietetics

S. No.	Academic year	Topic of Survey	Place of Survey	Sample size
1	2011 - 12	Post menopause	Painganadu	200
2	2012 - 13	Obesity	Sundarakottai	171
3	2013 - 14	Cancer Therapy	Rishiyur	124

Outcome of the survey

It was identified that alterations in the lifestyle pattern posed a threat to the development of many illness. A survey was also conducted to understand the overall health problems in relation to the socio-economic status, food pattern and lifestyle pattern among the economically weaker sections of the society.

This survey concluded that the lifestyle and diet related diseases such as Diabetes, osteoporosis, obesity, CHD, Cancer, etc are prevalent. On the basis of the survey consultancy services were provided at free of cost in the above mentioned areas.

Table 3.34. Details of the surveys in the Department of Master of Business Administration

S. No.	Academic Year	Topic of the Survey	Place of Survey	Sample Size		Outcome
				STET	Others	
1	2014–2015	Higher Education Status	In and around Sundarakkottai village	386	114	The study reveals that more than 70 % of women students in and around sundarakkottai village have pursued their under graduates programme in STET College.

The college always stresses the importance of imparting education to the under-privileged and vulnerable sections of society. The college has a student strength of 3782 of which 80% belong to the underprivileged, vulnerable sections of the society. Most of the students are first generation learners. All these students are provided training in basic etiquettes to empower them to become employable.

The College is undoubtedly serving the women folks in achieving the higher education from the weaker section of the society. There is a paradigm shift in the scenario of women education during the last two decades, i.e. after the inception of the institution. There had been villages with no women graduates during 1990s. Now every village in and around Sundarakkottai has considerable number of young women with UG/PG degrees.

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

To make the knowledge and knowhow of the students imbibed through the curriculum reach and benefit the community. The services empower and enhance the economic status of the society, and in turn complement the students by providing an opportunity to understand the socio economic problems of the neighbouring society and thus make them socially responsible good citizens of India with leadership qualities.

Objectives

The extension service activities organized by the institution provide opportunities to the students as to how the academic learning could be put into practice of benefiting the society. It satisfies the requirements of part V activities such as NSS, Rotaract, RRC, YRC & Student Exnora and through which the objective is achieved.

Outcome

The extension service activities certainly complement the academic learning of the student. The extension activities inculcate the values and skills as follows

- Help to acquire practical skills
- Give value addition to the course
- Make them to understand the value of selfless service
- Help to gain and understand the needs of the society
- Develop leadership skill
- Enable the students to know the value of team work
- Make them socially responsible persons
- Make them good citizens of India

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

The institution is roping in communities to actively participate in all the extension activities. This has contributed to both community-institution networking and development of institution.

- Villagers are initially consulted and the youth of the villages are involved in all the NSS activities
- Extensive participations of the villagers are ensured during the programmes such as tree plantation, blood donation, etc.
- The institution has taken up initiatives to make the society aware of social and health problems, environment protection, consumer protection, HIV, anti- tobacco, cleanliness, veterinary camp, agro-pest control, nutritional and dietetic counseling, resource management, communicable diseases, pollution, etc.
- Surveys are conducted to get the society’s feedback and to make improvements in the extension programmes. Seminars, individual discussions and group discussions are also arranged for this purpose

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

- NSS programme officers along with NSS volunteers, president and ward members of the respective adopted villages such as Sundarakkottai, Karuvakkurichi and Rishiyur, and also in other villages such as Pamani, Painganadu and Thirurameswaram participated in the special camps
- The Agriculturist/Farmers, Women Self Help Groups from Sudarakkottai, Karuvakkurichi and Rishiyur were trained to operate the instruments / equipments. The products is marketed through STET Bio – Floral Products Development and Research Centre, and ‘Biominin’ Laboratory.

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.

“Silver Category Award” has been received by the Youth Red Cross of the College for collecting and donating a sum of amount to provide for the best education and rehabilitation to the visually challenged people on the “International White-Cane Day” organized by the Indian Association for the Blind & Rehabilitation Centre, Madurai” (Table 3.35).

Table 3.35. Details of award received by the institution

Name of the Programme	Year	Award	Activity	Awards received by the Institution	Awarding institution
YRC	2012-2013	Silver Category Award	Donated Rs 7,800 /-for “International White caneday” This is to provide best education and rehabilitation to the visually challenged People”	Sengamala Thayaar Educational Trust Women,s College, Mannargudi	S.M.A. Jinnah Founder & Secretary General, Indian Association for the Blind Hr. Sec. School & Rehabilitation Centre Sundarajanpatty, Madurai
Consumer Awareness	2012 -2013 2013 -2014	Best Consumer Citizen Club at District level	II Prize Awareness Programm III Prize Awareness Programme		Thiruvarur District Food Supply Consumer Protection Department

Besides the awards for the institution, individual teachers also have been recognized. eg. YRC (Table 3.36.).

Table 3.36. Details of award received by the faculty

Name of the Programme	Year	Nature of Award	Type of activity	Recipient	Place
YRC	15.08.2014	Best Programme officer	Best Performance in YRC	N.Sangeetha, Department of Nutrition and Dietetics	Received from the District Collector Thiruvarur

3.7. Collaborations

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

Research Benefits

The management funded research project in collaboration with the Tamil Nadu State Forest Department entitled ‘Effect of symbiotic Follicolous fungi on the dynamics of shola species of Western Ghats’ in the Kodaikanal region was carried out.

- Twelve New species of Foliicolous fungi namely *Meliola cyperacearum*, *Meliola hoveniae*, *Meliola luculiae*, *Meliola thiyagesanii*, *Asterina scutellariae*, *Asterina dhivaharanii*, *Asterina kukkalensis*, *Asterina phobegena*, *Asterina polygalae*, *Asterina viburnii*, *Questieriella toddaliae*, *Meliola exacigena* and
- Two new varieties such as *Asteridiela solani var.kodaikalensis*, *Meliola daviesii var.kodaikalensis*
- New records for India *Meliola euonymi*, *Asterina clematidi* have been discovered and added to the fungal flora.
- One candidate has got Ph.D degree and four candidates have got M.Phil Degree

Wound healing activity of medicinal herbs *Spermacoce hispida*, *Andrographis echiodides*, *Alpinia galanga* and *Curcuma longa* was studied. The ointment prepared using the herbal extracts proved successful. The formulation and development of delivery system are under progress

Faculties of the departments collaborated with the faculties of other colleges in the publication of articles in journals. So far, 142 articles have been published in journals jointly.

Sharing Facilities and Equipments

The collaboration and understanding with industries and institution resulted in addition of instruments such as Gas Chromatographic Instrument from GeMac Advisor (P)Ltd., Chennai; Extraction Unit from Yoge Enterprises from Pune; HP Pavilion P6 series desk top P6-2010-ix and Sony VPL-px-11 LCD Projector from Malcom and Elizabeth Adishesiah Trust Chennai; HPLC from STET Trust, Mannargudi; Semi Auto Analyser from Great Industrial Construction (P) Ltd, Chennai; Computers 120 numbers from SABRE IT Solutions (P) Ltd., Chennai. Developing computer based and web based learning environments for Pedagogical training of teachers of higher education from Computer Society of India, Chennai and a sum of Rs. 1,00,000 from the government of Tamil Nadu . Entrepreneurial Development institute, Chennai for the establishment of Entrepreneurial Development (Table 3.16)

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

MoUs with various industries/organizations/Hospitals/Hotels provide opportunities for the students to get hands-on experience and to get interactions and exchange of ideas.

MoUs have been signed with various industries and organizations and the details are given in Table 3.37.

S.No.	Name of the firm	Type of collaboration
1	Elysium Technologies, Madurai	Research Project, Placement and Training
2	Target soft systems, Chennai	Research Project and Training
3	SABRE IT Solutions Private Ltd, Chennai	Research Project and Training
4	Kovai Medical Centre & Hospital, Coimbatore	Internship, Clinical assessment and dietetic counseling
5	Meenakshi Hospital, Thanjavur	Internship, Clinical assessment and dietetic counseling

6	VINSOL HRD PVT LTD, Chennai	Research Project and Training
7	Mani Hospital, Thiruthuraiipoondi	Internship, Project Work and placement training
8	Scientific Research Association for Economics and Finance, Chennai	Research Projects
9	A.Krishnamoorthy & Co., Chennai	Internship, Project Work and placement training
10	TANFED, Chennai	Research Project and Training
11	Biofarm, Coimbatore	Research Project and Training
12	Phyto Products, Thiruthuraiipoondi	Research Project , Marketing and Training
13	Coconut Research Station, Veppankulam	Research Project and Training
14	Tamilnadu Rice Research Institute, Aduthurai	Research Project and Training
15	CAK Polyclinic, Mannargudi	Internship
16	A.V.C College (Auto.), Mayiladuthurai	Research Project and Training
17	INMA (TEAM 9), Chennai	Research project and Training
18	Aqua Pure Plus, Thirumangalam, Chennai	Research project and Training
19	CSC, Chennai	Certificate Programme (with stipend)
20	Kiran Global Chems Limited, Chennai	Project Training and Industrial visit

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

- Industry-institution interactions have resulted in upgrading laboratory facilities and teaching and learning facilities
- Books and Instruments have been donated by the Alumni
- It has also helped in the placement of One hundred and thirteen (113) students in various companies viz. Wipro Technologies, L-Cube Innovative Solutions Pvt Ltd, Andromeda Marketing Pvt Ltd, TCS (BPO), Hundai / ICICI, GSA INFOTECH, Sans Oarril IT Services Pvt Ltd., VDART Pvt. Ltd., Chennai , Elysium Technologies Pvt Ltd, Madurai, Sabre IT solutions, Chennai, Target Soft systems, Chennai and Balaji Institute Management, Pune

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

The National seminars give an exposure to interact with subject experts/scientists in different areas of research in the concerned subjects. It gives an opportunity to understand the current area of research and to widen the knowledge Various Departments organized seminars involving eminent scientists (Table 3.9).

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

a) Curriculum Development/enrichment

The institution has made all efforts to sign MoUs to facilitate collaboration which benefited the students of different disciplines. The suggestions of the industries/organizations have been forwarded to the Board of studies which helped to improve the curriculum (Table 3.38).

Table 3.38. Details of suggestions made by the MoUs

Department	Name of the firms	MOU	Suggestions made	Class and Beneficiaries	Action Taken
Master of Computer Application	Elysium technologies, Madurai	Enrichment of the syllabus	Syllabus has to be redrawn taking into consideration the changing IT Scenario ; Syllabus should focus on the analytical abilities of the students; Application oriented study is required; Mini projects and field visits should be included	M.C.A114	The suggestions from the employers on modification of syllabus to meet the current needs of the industry are represented to the Board of studies of the parent university for necessary action
B.Sc. Computer Science, M.Sc. Information Technology	Target soft systems, Chennai	Enrichment of the syllabus	Core Java has to be enriched; Server side concepts and related technologies need to be converted (J2EE) ; Technology specific real time case studies are to be provided	B.Sc. C.S517II M.Sc Information Technology49 M.Sc. CS65	
M.Sc. Computer Science	SABRE IT Solutions Pvt. Ltd, Chennai	Enrichment of the syllabus	Elective syllabus should be well strengthened with respect to the domain; The syllabus can sharpen the analytical skills under proper and practical guidance given by the faculty; Teaching the domain subjects with hands-on sessions and practical exposure are needed to improve the student's employability.		

a) Internship/Job Training

The college collaborates with institutions like Kovai Medical Centre and Hospital, Coimbatore; Hotel Shivapriya and Hotel Valley View, Kodaikanal; and Meenakshi Hospital, Thanjavur to facilitate one month training in Nutrition and Dietetics, Food Service Management and Dietetics, Biochemistry and Microbiology (Table 3.39).

Table 3.39. Details of the Internship/Job Training

Department	Class	Centre
Nutrition and Dietetics	III B.Sc Nutrition and Dietetics	Meenakshi Hospital Thanjavur
	I M.Sc., FSM&D Dietetic Internship	Kovai Medical Centre and Hospital, Coimbatore
	II M.Sc., FSM&D Catering Internship	Hotel Shivapriya and Hotel Valley View, Kodaikanal
Microbiology Biochemistry	II M.Sc Microbiology	Meenakshi Hospital Thanjavur
	III B.Sc Biochemistry	Meenakshi Hospital Thanjavur
	II M.Sc Biochemistry	VRR Biomedical Research Institute and VRR Diagnostic Centre, Chennai
Computer Science	II M.Sc Information Technology	Target Soft Systems, Chennai
		Sabre IT Solutions Pvt. Ltd., Chennai
		ICOM Soft Solutions, Chennai

a) Summer placement

The collaboration with industries / organizations through MoUs helped the students to get placement and training during the summer vacation as per the details given below (Table 3.40.)

Table 3.40. Details of the Summer placement

S.No	Academic year	Names of the organization	No of students benefited
1	2009-2014	Sabre IT Solutions Pvt. Ltd, Chennai	150
2	2009-2014	Elysium Technologies, Madurai	17
3	2012-2013	Suvaki Entertainments Pvt.Ltd., Chennai	10
4	2013 -2014	CAK Polyclinic , Mannargudi	3

a) Faculty exchange and professional development

The institution has established faculty exchange programme with AVC college (Auto), Mannampandal, Mayiladuthurai

Members of the faculty of English, Mathematics, Chemistry, Computer science, MCA, Physics, and Microbiology take classes in sister-concerns namely, S.T.E.T. College of education for Women.

b) Research

The management and the institution maintain the practice of sending the students for research to the following institutions, namely Sri Ranga Ramanuja Centre for Advanced Research in Biosciences and Periyar College of Pharmacy at Trichirappalli, SASTRA University, Centre for Advanced Research in Indian System of Medicine, Harman Biomedical Diagnostic and Research Centre, Amphigene Research Laboratory, Sri Gowri Biotech Research Academy, Indian Institute of Crop Processing and Technology and Muthaiyah Research Foundation for Biological Science at Thanjavur which facilitate the students to visit laboratories for the completion of their project work. It should be highlighted that it offers a platform for the students to learn the extended facilities available in such institutions.

f) Consultancy, Extension,

The linkages promote consultancy services for sharing the expertise for research work. The departments have provided consultancy to firms, women self help groups and farmers of neighboring villages.

g) Publication

Members of the faculties published more than hundred research articles in collaboration with other institution.

h) Student Placement

The placement cell of our college organized on/off– campus recruitment programmes for the benefit of students

i) Twinning programmes

Since the institution is affiliated to the Bharathidasan University which does not permit twinning programmes.

j) Introduction of new courses

Introduction of new courses as a result of collaboration will be attempted in future

k) Student exchange

Student exchange programme has been facilitated with Balaji Institute of Management, Pune.

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

The College motivates the departments to take initiatives and to identify potential linkages / collaborations for signing MoUs.

Any other relevant information regarding Research, Consultancy and Extension

Which the College would like to include

The staff members of various departments have presented 414 papers in national and 141 papers in international levels seminar and conferences

- T.Vijayalakshmi, Department of Economics attended ICSSR training programme on Applications of SPSS for Decision making in social and population research on 04.11.2013-15.11.2013 at Govt. Arts College, Kumbakonam
- V.Geetha, R.Manjupargavi Department of Computer Science attended a Training Programme on Cloud Infrastructure as Services on 27.01.2014 to 31.01.2014 at M.A.M. College of Engineering, Trichy in Association with ICTACT, Chennai.
- Research advisors of the research departments attended a workshop on ‘Quality Research Report Writing’ (exclusively for Research supervisors of the colleges of Bharathidasan University) conducted by the Bharathidasan University, Tiruchirappalli on 27th & 28th February 2014.
- **Management funded research project** entitled “Effect of Symbiotic Foliicolous fungi on the dynamics of the Shola species of the Western Ghats” was carried out at Kodaikanal during the period of 2006-2011 with the permission from the **Principal Chief Conservator of forests and Chief Wildlife Warden, Tamilnadu Forest Department (1. WL5/33321/2006/12.9.2006 2.WL5 /52287 / 2007 / 23.08.2007)**. Twelve New species of Foliicolous fungi namely *Meliola cyperacearum*, *Meliola hoveniae*, *Meliola luculiae*, *Meliola thiyagesanii*, *Asterina scutellariae*, *Asterina dhivaharanii*, *Asterina*

kukkalensis, *Asterina phobegena*, *Asterina polygalae*, *Asterina viburnii*, *Questieriella toddaliae* and *Meliola exacigena* have been reported and two new varieties namely *Asteridiella solani* var . *kodaikalensis*, *Meliola daviesii* var. *kodaikalensis* were found, and *Meliola euonymi* and *Asterina clematidi* are the first reports from India. The Dr.V.B.Hosagoudar was the honorary research advisor. The project was carried out at the cost of Rs. 21, 13,314. Ms. R.Nithyatharani successfully completed her Ph.D Degree in Microbiology and four candidates completed their M.Phil Degree out of the projects.

Products Developed

The following products have been developed.

Wound Healing Ointment

The ethanolic extract of the rhizome of turmeric (*Curcuma longa*) and ‘Sitharathai’ (*Alpinia galanga*), and the whole plants of ‘Gopuram thangi’ (*Andrographis echioides*) and ‘Nathaichuri’ (*Spermacoce hispida*) were mixed with petroleum jelly and glycerine until they become an ointment. The ointment was used to study its effect on different wounds inflicted in Rabbits, and found successful. The formulation and development of delivery system are under progress.

Micronutrients and Biofertilizers - Plant growth Promoter

The trust has initiated the established **STET Bio-Floral Products Development and Research Center**, and the ‘Biominin’ Laboratory for the production of Biofertilizers, biocontrol agents, edible mushrooms, composts and vermicomposts, and the micronutrients respectively.

Micronutrients for different crop plants have been prepared and distributed

- **Sati-vitta-Paddy (Basal)**
- **Nuci vita (Coconut)**
- **Paradi-vitta-(Banana)**
- **Hypo-vitta- (Groundnut)**
- **Grani-vitta-(Pulses)**
- **Offici-vitta (sugarcane).**

Micronutrient mixtures are also prepared by adding appropriate amount of nutrients such as iron, Manganese, Zinc, Boron, Copper and magnesium, and distributed

Criterion - IV

Infrastructure and Learning Resources

4.1. Physical Facilities

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

The policy of the institution is to provide quality education to women in this rural area through updating the infrastructure facilities and by providing ICT gadgets to enhance the processes of effective teaching and learning and to meet out the changing needs of higher learning.

The management ensures that the facilities provided are superior in every respect when compared to any other institution in the city. Library e-resources such as NPTEL, N-LIST, INFLBNET and other ICT gadgets are provided to enhance the effective teaching learning process. In spite of the fact that this institution is a self financed college the management constantly design and creates updated infrastructure, physical and intellectual facilities and purchase of books/journals and sophisticated equipments as a continuous process by spending a sizeable sum of money. The institution takes all efforts to sign MoUs with industries/organizations to share the facilities and to enhance the infrastructure through the generated funds. The management encourages the members of the staff to attend the refresher courses and seminars/workshops organized by other institution and the students to undergo internships and training.

4.1.2. Detail of the facilities available for

- a) Curricular and co-curricular activities – classrooms, technology enabled learning spaces, seminar halls, tutorial spaces, laboratories, botanical garden, animal house, specialized facilities and equipment for teaching, learning and research etc.
- b) Extra-curricular activities – sports, outdoor and indoor games, gymnasium, auditorium, NSS, NCC, cultural activities, public speaking, communication skills development, yoga, health and hygiene etc.

a. Facilities for Curricular activities

Classrooms

The institution has 84 class rooms and 22 laboratories. All the class rooms are sufficiently ventilated with sufficient lighting facilities and required furnitures. In addition to chalk and black boards, smart class room facilities have been provided. Class rooms, laboratories and other physical infrastructure facilities are located in Vivekanandan Block, T.V.S. Block, Dr. V.V. Block and G.N. Block (Table 4.1.).

Table 4.1. Programme wise details of number of class rooms available in the campus.

S.No.	Programmes	No. of Class Rooms	Location	Size in ft (l x b)	Area (Sq. ft.)
1	UG	30	Vivekanandan Block	(30 x 20)	18,000
		10	T.V.S. Block	(31 x 20)	6,200
		15	Dr. V.V. Block	(30 x 20)	9,000
2	PG	13	Vivekanandan Block	(30 x 20)	7,800
		1	T.V.S. Block	(31 x 20)	620
		9	Dr. V.V. Block	(30 x 20)	5,400
		2	G.N. Block	(22 x 21)	924
3	M.Phil.	4	T.V.S. Block	(31 x 20)	2,480
	Total	84			50,424

Technology Enabled Learning Spaces (TELS)

Totally 13 Smart class room facilities have been provided with all ICT enabled teaching-learning gadgets to fulfill the requirements of 13 departments. The facilities include computer, LCD projector, speakers, collar mikes and smart board.

- ICT enabled teaching-learning facilities
- English Language laboratory for LSRW (Learning, speaking, reading and writing) skill development
- Smart class room facilities for each department
- Seminar/Conference halls and auditorium for interaction with experts and for conducting seminars/workshops/conferences/meetings
- Learning resources such as library facilities, book banks, laboratory equipments, well furnished laboratories, NPTEL, INFLIBNET/N-LIST membership, etc., are provided
- 8 Mbps “BSNL” dedicated leased line network with Wi-Fi connectivity throughout the campus is available. A centralized reprographic facility is provided for the use of the staff and students

Seminar/Conference Hall

There are two Air-Conditioned Seminar/Conference Halls, one is in the Vivekanandan Block and the another one is in the T.V.S. Block. LCD projector, Computer, white board, podium and audio arrangements are provided in each seminar/conference hall.(Table 4.2)

- Air-conditioned the conference hall with seating capacity 260 students has been created
- The seminar hall with the seating capacity 300 students has also been created
- Besides the seminar/conference hall, there is a multipurpose hall with the seating capacity of 1200 students
- There is a Board Room in the Vivekanandan Block to conduct the meeting of the Managing Committee.

Table 4.2. Details of the AC Seminar Halls for curricular/co-curricular activities.

S.No.	Hall Particulars	Location	Size in ft. (l x b)	Area (Sq. ft.)	Accommodation
1.	Conference Hall	Vivekanandan Block (Ground floor)	62 x 30	1860	260 students
2.	Seminar Hall	T.V.S. Block (Ground floor)	18 x 34	2720	300 students
3.	Multipurpose Hall	Near the Hostel	150x55	8250	2500 students

Tutorial spaces

Students’ profiles are documented, maintained and updated by the tutor incharge and monitored by the Head of the Department and the Principal. Each tutor takes care of 25 students and meets them periodically. The tutor discusses the academic progress and identifies the personal problems faced by the students through closed door interactions. Three separate full furnished tutorial rooms are available for this purpose.

Laboratories

There are 22 laboratories with infrastructure facilities to conduct practical classes of the departments as given in table 4.3.

Table 4.3. Details of location, area of the laboratories of the Departments.

S. No.	Departments	Lab details	Location*	Size in ft.(l x b)	Area (Sq. ft.)
1	Biochemistry	Lab I	Vivekanandan Block - GF C4, C5	(30 x 20) + (46 x 25)	1,750
		Lab II	V.S. Block –GF	68 x 27	1,836
		Lab III	V.S Block- GF	10 x 10	100
		(Animal House)			
2	Chemistry	Lab I	G.N. Block -IF	69 x 21	1,449
		Lab II	G. N. Block –IIF	69 x 21	1,449
3	Computer Science & M.C.A.	Lab I	Vivekanandan Block - IF C4	46 x 25	1,150
		Lab II	Vivekanandan Block - IF C5	30 x 20	600
		Lab III	Internet Lab -IF	28 x 25	700
		Lab IV	Dr. V.V. Block -IF	61 x 20	1,220
		Lab V	Dr. V.V. Block -IIF	61 x 20	1,220
		Lab VI	T.V.S. Block – IIF	80 x 34	2,720
4	Microbiology	Lab I	Vivekanandan Block - IF B4, B5	(30 x 20) + (46 x 25)	1,750
		Lab II	V.S. Block - IF	68 x 27	1,836
		Lab III	Biominin Lab – GF (STET Garden)	30 x 50	1,500
		Lab IV	Tissue Culture Lab –IF (STET Garden)	30 x 50	1,500
		Lab V	STET Bio-floral products development and research center -GF and I Floor	30x12	360
5	Nutrition and Dietetics	Lab I	Vivekanandan Block - IF A5	46 x 25	1,150
6	Physics	Lab I	Vivekanandan Block - II F B4, B5	(30 x 20) + (46 x 25)	1,750
		Lab II	TVS Block	44.25 x 21.75	946.25
7	Server Room	Room No. I	Vivekanandan Block - GF A	30 x 13	390
8.	Music instrumentation	Lab I	TVS Block	30 x 25.5	765
9.	Tailoring unit	Lab I	TVS Block	19 x 18	342
		Total			26483.25

*(GF- Ground floor, IF- I Floor, II F-II Floor)

Botanical Arboretum and Herbal Garden

In the botanical arboretum of the institution there is a rich diversity of 30 plant species including Red Sanders, Black rose wood, Canon ball, etc. A herbal Garden has been established within the campus. It houses more than 100 plants species of medicinal importance. The botanical name and medicinal use of the plants are labeled, so as to create awareness about the significance of herbal medicine.

Animal house

Animal house is essential for maintaining the animals required for *in vitro* studies. An air-conditioned animal house in an area of 100 Sq. ft. with 10 cages, as per the norms of the Indian Animal Ethical Committee (IAEC), is made available.

Specialized facilities and equipments for teaching, learning and research

Teaching facility

- Smart classroom
- NPTEL, NME-ICT resources
- Internet, e-resources/e- content
- e –journal, educational CDs

Learning facility

- Glossary
- Smart classroom
- National, international and e-journals
- Internet facility in the college and hostel
- INFLIBNET/N-LIST membership
- e –resources /e-content (NPTEL)
- OPAC facility in the library

Research facility

- 4 departments are recognized to conduct M.Phil. programme and 3 departments are the approved research centres for the conduct of Ph.D. programme
- Centralized instrumentation facility with sophisticated equipments
- Research journals (National and international) are available
- Publication of a peer reviewed journal by the institution
- Animal house, Tissue culture laboratory, Biominin laboratory, STET Bio floral products development and Research centre, Botanical Arboretum and Herbal garden
- MoUs signed with other reputed organizations
- 50 acres of fertile land with good irrigational facilities for various research activities

Centralized instrumentation laboratory

Centralized Instrumentation Facility with sophisticated instruments such as Atomic absorption spectrophotometer, UV- VIS Spectrophotometer, Cooling centrifuge, Semi Auto analyzer, Thermo cycler, Gel documentation system, Gas chromatography, HPLC, Trinocular fluorescent microscope, Bioreactor, Flame photometer, etc. has been established.

Animal House

- Animal house has been established as per the norms of Indian Animal Ethical Committee. Area of the animal house is 100 sq. ft. with A/C. There are 10 cages provided in the animal house.

Tissue Culture Lab

- A full fledged tissue culture laboratory with temperature and light control devices has been established

Field Research Station

- The management of the institution is magnanimous enough to encourage and promote research. Off campus field research station was established at Kodaikanal. A self-funded collaborative research project entitled “Effect of symbiotic folicolous fungi on the dynamics of shola species in the Western Ghats” was carried out in Kodaikanal in collaboration with Department of Forest, Tamilnadu at the cost of Rs. 21,13,314/- during 2006-2011.
- Another Field Research Station for the Coconut and Casuarina research, has been established at the estimated cost of Rs. 10,00,000/- at Sundarakkottai Village.

Research Laboratory & supporting equipments

- “Biomini”, a research laboratory, has been established at a cost of Rs. 25,00,000/- in addition to STET Bio Floral Product Development and Research Centre
- A Gypsy Maruti van has been provided
- Mushroom shed has been established for the purpose of edible mushroom cultivation
- Farm equipments such as Tractor with Rotavator, cage Wheel, Spring Loaded Tiller, jungle Cleanser and a mini Tractor with Rotavator, Cage Wheel, Spring Loaded Tiller, Channel Maker etc. at the cost of Rs. 8,00,000/- have been provided
- Other supporting farm equipments such as mechanized cono-weeder, Manual cono-weeder, wood saws, Grass Trimmer, iron rod cutter, wood processor, mechanized sprayers, Manual Sprayers, and Fogging machines are provided at a cost of Rs. 5,00,000/-

Library

- The Libraries (General and MBA /MCA library) support teaching and learning with books, journals, e-books, e-journals, providing access to internet access. (Tables 4.4, 4.5 & 4.6).

Table 4.4. Details of facilities in the General Library.

S.No.	Area Sq.ft.	No. of Books	No. of Journals	No. of Internet facilities	INFLIBNET		Annual subscription Rs.
					Year	Members	
1.	4,200	18,066	80 Both National & International	20 systems with Internet connection	2011-2012	3,334	5,000
					2012-2013	1,436	5,000
					2013-2014	1,251	5,000
					2014-2015	1,671	5,000

Table 4.5. Details of facilities in the M.B.A./M.C.A. Library.

S.No.	Area Sq.ft.	No. of Books	No. of Journals	No. of Internet facilities	INFLIBNET			Annual subscription Rs.
					e-journals	Year	Members	
1.	1,900	13,311	65 National & International	4 systems with Internet connection	10	2012 - 13	117	5,000
						2013 -14	68	5,000

Table 4.6. Details of facilities in the Annexure Library.

S. No.	Area Sq. ft.	No. of Books	No. of Journals
1.	946.25	4,118	06

Equipments

- All the Science departments have specialized equipments for practical and research purposes (Table 4.7.) Besides the equipments available in the department, a Centralized Instrumentation Facility has been established.

Table 4.7. List of specialized facilities and equipments available in the different departments.

S.No.	Department	Facilities	Instruments & Equipments
1.	Biochemistry	Blood testing, herbal drug analysis, soil testing, microbial testing, phyto chemical analysis, food analysis.	Semi auto-analyzer, plant extraction & distillation unit, Soxhlet apparatus, Flame photometer, Laminar air flow hood, Muffle furnace, Digital Laminar air flow chamber, Deionizer, Cylindrical waterwath, Colorimeter, Incubator, Oven, Desiccator, incubator, Hot air oven, centrifuge machine, cyclo mixer, Electrophoresis apparatus, Single distillation unit, UV-VIS spectrophotometer, UV Transilluminator, Micro cooling ultra-centrifuge and extraction and fraction unit.
2.	Microbiology	Air & Water quality test, Isolation of Genomic & Plasmid DNA, Soil testing, tissue culture, inoculation, Blood grouping, microbial studies, analytical studies, mushroom cultivation, bio fertilizer production	Anderson air sampler, Trinocular Microscope, Fluorescence microscope, Bioreactor, Conductometer, Flame Photometer, Deionizer, SDS & Agarose gel electrophoresis, TLC, Gas Chromatography, Centrifuge, HPLC, Shaker, Distillation unit, Spectrophotometer, microscopes, Fermenter, Atomic Absorption Spectrometer, pH meter, Incubator, Laminar air flow CHAMBER
3.	Chemistry	Water analysis, phyto chemical studies, adsorption studies	pH meter, Colorimeter, Electrical shaker, Oven, Thermostat, Centrifuge machine, Conductometer, Potentiometer, Deionizer, Suction apparatus
4.	Computer Science	Online test, IBM Course, Software development, Cloud computing, photography, e-content development	Online test server, IBM server, Visual Basic Oracle, computer system with specialized software, Photoshop, Flash. Adequate number of computer system.
5.	Nutrition and Dietetics	Food Quantity production	Food Processors, Burners, Oven
6.	Physics	Printed Circuit Board (PCB) making, Trouble shooting	Tester, Soldering rod, Multimeter

S.No.	Department	Facilities	Instruments & Equipments
7.	English	Language lab for spoken English	Computer, LCD projector
8.	Master of Computer Applications & Comp. Science	Identity card preparation for STET students	Computer system with specialized software Nikon digital camera, colour Laser jet printer, STUDIO LIGHTS

Co-curricular activities

Quiz club

Quiz club is functioning in the campus with a staff incharge to coordinate the programmes

Language Lab

The Language laboratory has been established to encourage the students to develop their LSRW (Learning, Speaking, Reading and Writing) skills and publish speaking and communication skills.

Associations & Club details

Each department of the institution has formed and developed an academic 'club' to enhance the regular academic activities with staff incharge.

b. Extra-curricular activities

Sports and games

Students are encouraged to participate in the indoor games such as chess and Carom and outdoor games Table 4.8. In order to encourage students' participation in sports and games, specific hours in the time table have been allotted and necessary facilities have been established.

A play ground measuring about 44,220 sq.ft. area is available in the campus. A cricket ground in an area of 63,550 sq.ft. is maintained in the opposite campus.

Table 4.8. Details of facilities for Indoor and Outdoor games and sports events.

Indoor games	Outdoor games	Sports events
1. Chess 2. Carom board	1. Volley ball court 2. Basketball court 3. Shuttle badminton court 4. Ball badminton court 5. Kho-kho 6. Cricket ground	1. Shot-put 2. Javelin 3. Discus throw 4. High Jump 5. Long jump 6. Running 7. Relay 8. Skipping 9. Slow cycling

Auditorium

One open air (T.V.J. stadium) and a Multipurpose Auditorium are available to conduct various cultural programmes (Table 4.9.).

Table 4.9. Details of the Auditorium with Seating Capacity and Area.

Auditorium	Name	Seating capacity	Size l x b	Area Sq.ft.
I (Open)	TVJ Stadium	5,000	120 x 100	12,000
II (Closed)	Multipurpose hall	2,500	150 x 55	8,250

NSS

NSS office with the all necessary implements such as, hoe, rake, broomstick, shawl, wheel barrow, shears, pickaxe, etc., are provided for the social service activities. There are three NSS coordinators with and a chief coordinator to coordinate NSS units activities.

Cultural activities

Cultural programme entitled “STET FIESTA” is conducted on the occasion of Founder’s Day for three days every year in the month of January. When the students expose their talents in fine arts. ‘Music day’ programme entitled “STET EUPHONIES” is held during the 1st week of April to bring out the talents in handling musical instruments. The interested and skilled students are given training in specific areas with specialist. The musical instruments such as key board 16, veena 6, violin 15, drum set 01, triple kango 01, dumba 01, tabela 01, miruthangam 01, roland rhythm pad 01, damarin 06, double banglose 03, kappas 03, synthesis 01 and guitar 06 are made available.

Yoga

Yoga instructor has been appointed to provide yoga practice to the students and the practice is carried out in the multipurpose auditorium.

Health and Hygiene

- Our institution provides “Reverse Osmosis” plant and Aqua Guard facilities for providing safe drinking water to the students and staff members in different localities
- Mosquito control fogging machine fitted in a vehicle has been provided to eradicate mosquitoes.
- Two incinerators are provided for waste disposal
- A well designed recycling tower with drum cadridages (for mechanical, Biological and chemical treatment) is established
- A Massey Ferguson-241DI tractor with motorized tanker is exclusively allotted for managing and disposing the effluents and Septic tank
- A Mahendra Tractor with well equipped Tipper is allotted for garbage disposal
- Dustbin and drum are available to collect the wastes

Toilet Facility

- There are 85 Toilets and 4 bathrooms available in the Vivekanandan Block, T.V.S. Block, and Dr. V.V. Block.

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

The institution has planned to provide required class rooms and laboratories. Additional buildings are constructed to satisfy the demand. The number of class rooms is equal to the number of classes (84) and laboratories (22). Besides, a central instrumentation laboratory facility, STET Bio Floral Product Development and Research Centre, and 'Biominin' laboratory have been established. All the class rooms are provided with seating, teaching and learning (smart class rooms -13) facilities. Laboratories are equipped with all instruments besides seating arrangements. Land for field research and the implements have been provided. e-resources such as INFLIBNET, NPTEL, N-LIST and ICT gadgets have been provided to augment the teaching-learning processes. (Table 4.10)

The available sophisticated instruments such as HPLC, Bioreactor, AAAS, GC, etc., are optimally utilized by allotting time share and also by dividing the students into batches. The existing infrastructure facilities are periodically assessed by the IQAC and the facilities are augmented depending on the needs of the emerging areas.

The management has spent a total sum of Rs. 5,21,22,338/- during the last four academic years for infrastructure development. It was Rs.94,55,545/- Rs.1,01,45,132, Rs.2,29,15,803 and Rs.96,05,858/- during the academic year 2010-11, 2011-12, 2012-13 and 2013-2014 respectively, as per the details given in Table 4.11.

Table: 4.10. Number of class rooms required as per curricular and the number of rooms available in the college

S.No.	No. of class rooms required	No. of class rooms available	Deficit/Surplus/Equal
1.	84	84	Equal – Optimally utilized

Table: 4.11. Details of amount spent during the last four years for the purpose of the infrastructure development.

S.No.	Particulars	2010-2011	2011-2012	2012-2013	2013-2014
1.	Computer Accessories	26,24,186	6,11,259	3,93,415	20,21,121
2.	Library Books	14,83,946	10,45,266	4,79,612	5,64,624
3.	Furniture	4,77,106	1,53,775	1,20,647	2,78,480
4.	Additional building, floor, rooms	39,20,307	36,40,750	50,07,643	47,61,633
5.	Additional buses / vans	9,00,000	30,94,082	1,91,97,600	-
6.	Additional computers	50,000	1,00,000	2,20,000	19,80,000
7.	Language lab	-	15,00,000	-	-
	Total	94,55,545	1,01,45,132	2,29,15,803	96,05,858

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

The institution ensures the availability of the requirements of the differently abled students by providing wheel chairs, ramps, lift, disabled friendly toilets and physical support by classmates. A Committee for differently abled persons with a coordinator and members plan, implement and monitor the needed facilities.

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

Hostel Facility

Hostel with 4 floors is located within the main campus of the College. There are 185 rooms to accommodate 680 students. In the academic year 2012-13, 23 rooms were added at the cost of Rs. 27.57 lakhs.

- **Kitchen**

The food is prepared in a well ventilated, more spacious and hygienic automatic Steam kitchen with boiler and 19 essential equipments. A store room is available for keeping groceries and vegetables.

- **Dining**

There are two dining halls each with 200 seating capacity, one in the ground floor and the other one is in the II floor.

- **Drinking water**

One aqua guard with 30 l/hr. per hour has been provided for safe drinking water.

- **Water facilities**

- Two borewells, and two overhead tanks are available for water facilities.
- Two 15KV, and two 82KV generators are also available.

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

One Home theatre has been installed in the I-floor. Besides this facility, newspapers and weekly/monthly magazines are provided.

- **Yoga**

Yoga classes conducted regularly

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

Hostel is provided with internet facility has been extended to the hostel.

- **Available residential facility for the staff and occupancy and constant supply of safe drinking water**

College Hostel has Reverse Osmosis (RO) Plant and also Aqua Guard facility with a capacity of 30 l/hr. to provide safe drinking water to hostel inmates. Residential facility for the staff is available in the guest house. Members of the staff can also stay along with the students in the hostel.

- **Medical Facility (Health centre)**

There is a separate Health Care Centre to meet the health requirement of students and staff. A doctor visits the hostel every day. A college vehicle is always on wait to meet the emergency situation. Medical care is also arranged with accessing to specialty hospitals in the nearby town (CAK Poly clinic and Keerthi Clinic).

- **Toilet Facility**

185 rooms of the hostel have attached bathrooms and toilet facilities. There are 6 common toilets in each floor. Incinerator has also been provided in the hostel.

- **Security**

Day and Night security persons have been appointed to ensure the security of the students. Hostel is totally protected with compound wall on all sides. Entry of outsiders is totally restricted.

- **Guest house**

Guest house is located opposite to the main campus of the College and the area of the guest house is 22,000 sq. ft. with all needed facilities.

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

A health care centre has been established with all medical facilities. A physician is readily available on call and in case of emergency. A van is available to take student-patients from the college / hostel to the hospital for treatment. There are more than 3 speciality hospitals in Mannargudi, located within 5 kilometers from the institution where staff and students can avail the medical facilities, whenever needed. The campus is kept free of mosquitoes, a vector of many diseases.

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

Table: 4.12. Details of Spaces for various Common Facilities available in the campus

S.No.	Unit	Location	Size (lxb)	Area/Space sq. ft.
1	IQAC	T.V.S. Block	31 x 20	620
2	Grievance Redressal Cell	T.V.S. Block	31 x 20	620
3	Women’s Cell	-	-	-
4	Counseling cell	T.V.S. Block	31 x 20	620
5	Career Guidance & Placement Cell			
6	Health Centre	Vivekannadan Block	31 x 25	775
7	R & D Cell	T.V.S. Block	31 x 20	620
8	Recreational centre	Near by Hostel	30 x 20	600
		Total		3855

IQAC

IQAC of the college has been instrumental in recruiting faculties, organizing Faculty Development Programmes, Seminars, motivating teachers to qualify SET, NET Examination/Ph.D., improving library resources and providing internet facility to all the departments, facilitating staff and students to utilize NPTEL and NME-ICT resources, introduction of new programmes and enhancing the teaching, learning, infrastructure, besides improving the physical infrastructure.

Grievance Redressal Cell

Due care must be bestowed to ameliorate the grivencances of students. The objectives of the formation of student’s Grievance Redressal Cell is to promote a favourable learning environment within the college campus. The students can register their complaints freely without any fear. The cell has kept suggestion / complaint box in the reception of administrative block for the students who want to register their complaint, but remain anonymous.

Counseling cell

Students’ counseling cell is functioning to solve various academic and psychological problems. The cell guides the students to face the challenges and achieve the target. The following services are provided by the guidance and counseling cell of the college.

- Educational Counselling
- Career counselling
- Personal counseling
- Psychosocial counselling

Career Guidance and Placement Cell

Placement cell has been formed to enlighten the students in their career prospects, and to provide need based training programmes. The cell is engaged in co-ordinating with prospective external agencies/ industries/ companies. The Placement Cell maintains high level of interaction between the companies and the students, which helps the students to develop job strategies and career related decision making. It also provides skills that will be commensurate with the expectations of the industry. Guidelines to students on placement procedures, preparation of applications, curriculum vitae and reference letters, etc., are provided by the cell.

Health Care Centre

Health care centre is established in an area of 900 sq. ft. provides all the medical facilities including physician, beds, stretches, ambulance, van, medicines, etc.,

Research and Development Cell

Research and Development cell is functioning with a coordinator, an Advisor and members (internal/external experts) in the institution.

Canteen

There are two canteens located in the main campus of the institution which functions throughout the day from 9.50 a.m. to 5.30 p.m. The canteens supply snacks, beverages and variety rice, and the items are supplied at the subsidized price.

Recreational space for staff and students

- LCD-audio-visual facility has been provided
- Space for indoor and outdoor games are provided as recreational facility in the multipurpose auditorium
- News papers and weekly/monthly magazines are provided
- A separate hall is provided with TV facility for the hostel inmates

Safe drinking water facility

Institution provides Reverse Osmosis plant and Aqua guard facility for safe drinking water to the students and staff members. There 11 units provided in different localities.

Auditorium

An open air auditorium (T.V.J. stadium) and a Multipurpose Auditorium are available to conduct various, academic and recreational programmes. (Table 4.13)

Table: 4.13. Details of the Auditorium with Seating Capacity and Area

Auditorium	Name	Size l x b	Area Sq.ft.	Seating capacity
I (Open)	TVJ Stadium	120 x 100	12,000	5,000
II (Closed)	Multipurpose hall	150 x 55	8,250	2,500

Transport Facilities

Totally 35 buses and 4 vans are operated by the college, offering transport facility to the students, so as to enable them, to reach the college and return home on time safely.

4.2. Library as a Learning resource

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

Yes. Library has an Advisory Committee. At the beginning of every semester, the members of the committee meet and take decisions on the purchase of books and periodicals. They also give guidelines for the effective functioning of the library.

Composition of the library advisory Committee for 2013-2014

Convener : **Dr. V.Dhivaharan**, Dean of Life Science

Secretary : **Dr. S. Amudha**, Principal

Members

1. **Dr. R. Anuradha**, Head & Asst. Prof, Dept. of Biochemistry
2. **Dr. K. Kandavel**, Vice-Principal & Asst. Prof, Dept. of Microbiology & Bio.Tech.
3. **Mrs. V. Pattammal**, Head & Asst. Prof, Dept. of Business Administration
4. **Dr. N. Umamaheswari**, Head & Asst. Prof, Dept. of Microbiology & Bio.Tech.
5. **Mrs. G.K. Gomathi**, Head & Asst. Prof, Dept. of Nutrition and Dietetics
6. **Dr. U. Gayathri**, Head & Asst. Prof, Dept. of Chemistry
7. **Mrs. J. Immuculatesahayarani**, Head & Asst. Prof, Dept. of physics
8. **Mrs. S. Indumathi**, Librarian
9. **Dr. M. Chitra**, Vice-Principal & Head & Asst. Prof, Dept. of Biochemistry (Relieved)

Objectives of the Library Committee

- To consider the library requirements as per the needs of the stakeholders' and suggest measures for the development of the library resources.
- To recommend the management for necessary funds towards the purchase of books, journals, magazines, e-learning resources, etc.,

Responsibilities of the Committee

The responsibility of the library committee is to see that all the necessary library resources make available for the ready use of the students and members of the faculty. It also takes care to update the library resources depending on the emerging.

OPAC facility has been implemented to make the library user friendly

- Arrange library orientation meetings for students at the time of admission
- Help the librarian to place orders for the purchase of books, Journals and other resources
- Monitor the maintenance of the books and resources in good condition.
- Find solutions to the problems of library
- Update the collection of books, CDs, etc.,

- Collects and analyse the feedbacks from the different users of the library students/research scholars/faculty regarding the books/journals/e-learning resources
- Selecting the eligible students for the “Best Library User” award, every year
- Periodically conducting books fairs and books exhibition.

4.2.2. Provide details of the following

- **Total area of the Library (in Sq. Mts.)** : 654.60 Sq. mt.
- **Total seating capacity** : 180
- **Working hours**

Table 4.14. Details of working Hours of the Library.

S.No.	General/M.B.A./M.C.A./Annexure Library	Working Hours
1.	Working days (Monday to Saturday)	9.30 A.M. to 4.15 P.M.
2.	Before examination days	9.30 A.M. to 4.00 P.M.
3.	During examination days	8.30 A.M. to 5.15 P.M.
4.	During vacation	10.00 A.M. to 4.00 P.M.

• Layout of the library

Table 4.15. Details of Layout of the Library.

S.No.	Section	Area (Sq. m.)
1.	Circulation section	91.45
2.	Reading Section	340.19
3.	Reference section	130.06
4.	Journals/Periodical section	74.32
5.	Browsing section	18.58
	Total	654.60

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

The library advisory committee advises the HOD to decide on the purchase of books and journals on the basis of the needs of emerging areas and demand of the students

- At the beginning of every semester, list of required books is obtained from the H.O.D, staff and students. Library advisory committee decides the list of books to be purchased and recommend the same to the management council through the Principal for approval.
- Library purchases the books and journals as per the approved list using the new catalogues obtained from the publishers/suppliers (Tables 4.16 - 4.19).

Table 4.16. List of Titles and Volumes available in the Library.

S. No.	Academic Year	No. of Titles			No. of Volumes		
		General Library	M.B.A./M.C.A. Library	Annexure library	General Library	M.B.A./M.C.A. Library	Annexure library
1.	2010-2011	10,462	7,340	3,235	15,148	12,488	3,974
2.	2011-2012	11,432	7,525	3,247	16,380	13,009	3,987

S. No.	Academic Year	No. of Titles			No. of Volumes		
		General Library	M.B.A./M.C.A. Library	Annexure library	General Library	M.B.A./M.C.A. Library	Annexure library
3.	2012-2013	11,786	7,585	3,267	17,302	13,115	4,007
4.	2013-2014	12,359	7,624	3,378	18,066	13,180	4,118

Table 4.17. Details of number of new books, journals and e-resources and the amount spent (General Library).

Library holdings	2010-11		2011-12		2012-13		2013-14	
	Number of New books	Total Cost (Rs)	Number of New books	Total Cost (Rs)	Number of New books	Total Cost (Rs)	Number of New books	Total Cost (Rs)
Text books	598	81,774	1,088	1,50,233	823	90,531	459	91,534
Reference books	24	6,639	144	26,666	88	69,198	221	97,647
Journals/ Periodicals	5	7,300	2	2,700	6	7,000	6	7,833
e-resources*	16	-	21	-	22	-	53	-
Any other (specify)							-	-
TOTAL		95,713		1,79,599		1,66,729		1,97,014

*CDs supplied with the Journals/periodicals/Books

Table 4.18. Details of number of new books, journals and e-resources and the amount spent (M.B.A./M.C.A. Library).

Library holdings	2010-11		2011-12		2012-13		2013-14	
	Number of New books	Total Cost (Rs)	Number of New books	Total Cost (Rs)	Number of New books	Total Cost (Rs)	Number of New books	Total Cost (Rs)
Text books	86	30,386	489	1,85,543	72	27,730	27	6,220
Reference books	5	2,255	32	21,439	35	18,137	35	22,119
Journals/Periodicals	77	1,08,545	85	1,14,550	94	1,39,577	98	1,41,355
e-resources*	53	-	85	-	57	-	46	-
Any other(specify)	-	-	-	-	EBSCO Database	1,81,650	-	-
TOTAL		1,41,186		3,21,532		3,67,094		1,69,694

Table 4.19. Details of number of new books, journals and e-resources and the amount spent (Annexure Library).

Library holdings	2010-11		2011-12		2012-13		2013-14	
	Number of New books	Total Cost (Rs)	Number of New books	Total Cost (Rs)	Number of New books	Total Cost (Rs)	Number of New books	Total Cost (Rs)
Text books	-	-	13	2,262	16	2,152	107	19,948
Reference books	-	-	-	-	04	2,850	04	2,965
Journals/ Periodicals	01	1,200	08	1,630	14	4,740	06	860
e-resources*	16	-	21	-	22	-	53	-
TOTAL		95,713		1,79,599		1,66,729		1,97,014

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

Details of the ICT enabled teaching – learning tools available in the departments and in the library to provide maximum access to the library resources are provided (Table 4.20.).

Table 4.20. Details on the ICT and other tools deployed to provide maximum access to the library collection.

S.No.	Particulars of ICT and other Tools	Available Resource
1.	OPAC	Facility available
2.	Electronic Resource management package for e-journals	Consortia INFLIBNET & NLIST are available
3.	Federated searching tools to search	Planned for future implementation articles in multiple databases
4.	Library Website	www.stet.edu.in/library
5.	In-house/remote access to e-publications	Available
6.	Library automation	Made available
7.	Total number of computers for public access	Four computers are available in the library
8.	Total numbers of printers for public access	Two printers and two reprographic machines are available in the library
9.	Internet band width/speed	8mpbs
10.	Institutional Repository	S.T.E.T Journal, College magazines, College calendar, Workbook and National Seminar Abstracts, question bank, bound back volumes of journals.
11.	Content management system for e-learning	Under progress
12.	Participation in Resource sharing networks/consortia	The library has membership with INFLIBNET & UGC N list
13.	NPTEL & NME- ICT	Available

4.2.5. Provide details on the following items

The effective utilization library has been provided (Table 4.21)

Table 4.21. Details of the required items in the General Library & M.B.A./M.C.A. Library.

S.No.	Library activities	Resource Utilization
1.	Average number of walk-ins	143/per day
2.	Average number of books issued/returned	44 issued/per day; 44 returned/per day
3.	Ratio of library books to students enrolled	1:8
4.	Average number of books added during last three years (2010-13)	1505 books
5.	Average number of login to OPAC	Recently installed
6.	Average number of login to e-resources	4/per day
7.	Average number of e-resources downloaded/printed	Nearly 850 per annum
8.	Number of information literacy trainings organized	Once in a semester
9.	Details of “weeding out” of books and other materials	Maintenance/Disposal of old books, periodicals etc., sold to the buyer of old newspaper/book/periodicals

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

- **Manuscripts**

There are more than 1000 manuscripts / reprints / reviews / back volumes available in the library for different subjects which are readily available for the use of the members of the staff and students as reference materials.
- **Reference**

Reference books are stacked subject wise in the library and the list of books for issue are also available in the library.
- **Reprography**

Two photocopying machines are available to serve the students, research scholars and staff members
- **ILL (Inter Library Loan Service)**

To be established in the future
- **Information deployment and notification**

“Article Alert service” is adopted to draw the attention of students and staff members regarding the articles, published in Journals. Xerox copies of the content page of the journals are provided to the department for information.

Highlights of Employment news, job opportunities in dailies, notifications, issue of application, last date and other details such as Civil Service Exams, Tamil Nadu Public Service Exams, Railways, Bank Examinations and New Arrivals of books in the library are displayed regularly on the library notice board. News regarding the events of the institution are published in news papers communicated to the concerned department with a photocopy.
- **Download**

Internet access facility has been made available for accessing the recent developments in the concerned subjects and also the contents can be down loaded.
- **Printing**

Downloaded resources are printed and provided to the students and staff as and when required.
- **Reading list/Bibliography compilation**

Subject wise, author wise and title wise list of books are available in the libraries. OPAC facility has also been established.
- **In-house/remote access to e-resources**

In house e-resources such as educational CD’s, Video and web resources INFLIBNET / IUC, NPTEL, N-List, staff developed e-content, etc. are available in the library. Besides, every department is provided with computers and LCD facilities for Power Point presentation.
- **User Orientation and awareness**

The library conducts orientation programme for the I year UG and PG students in order to facilitate them towards the effective utilization of library resources.
- **Assistance in searching Databases**

Members of the staff of the library assist in accessing learning resources available in the library with the help of databases.

- **INFLIBNET/IUC facilities:** INF/N-LIST/2012/2673 (Table 4.22)

Table 4.22. Details of number of students used the INFLIBNET/IUC facilities.

S.No.	N List	No. of Student Members	Paid as Membership Fee Rs.
1.	2011-2012	3,334	5,000
2.	2012-2013	1,553	5,000
3.	2013-2014	1,319	5,000
4.	2014-2015	1,671	5,000

- Annual renewal fees paid by the institution per year.

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

Supporting services to the students:

- Assist in accessing the books depending on the requirement
- Assist in locating the topics of subject interest
- Give information regarding status of books. (Reference / available / issued)
- Provide Journals, magazines. etc.,
- Maintain M.Phil. dissertation
- Provide article Alert Service
- Provide annual Index of Journals
- Maintain Back volumes
- Provide book for competitive examinations (Table 4.23)
- Issue reference books on special request
- Provide Internet facilities
- Motivate the students read English News Papers; and arrange to make the news papers available at students' concessional price

Support services to the staff

- Maintain records of books issued/ Returned
- Issue reference books even during the class hours
- Issue reference books for week end holidays on request
- Provide articles content page of journals to the department
- Thesis/dissertation topics available
- Assisting in accessing materials for the topic of interest and learning resources

Table 4.23. Details of books available in the library for Competitive Exams.

S.No.	Book Categories	No. of Copies
1.	G.K Books	79
2.	CSIR, NET Books	45
3.	Competitive Exam Books	77

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

- The books needed are accessed from the racks with the help of library staff members
- Seating facility and ramp facility are also available in the ground floor
- Assisting the physically challenged persons to reach the library
- There is no visually challenged student admitted so far. However, required facilities are be made available

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

Yes. Questionnaires/feedbacks are collected from the users of the library (staff and students). Opinion about the satisfaction of the services provided, adequacy of number of books, suggestion for better services and new titles needed is collected from students.

Library Committee with Principal as the Secretary and Librarian and other members of the Committee scrutinize and analyze feedbacks every year and suggest measures to be undertaken and measures are implemented accordingly.

On the basis of feedback collected from the students number of library token issued for PG and III year students has been increased from one to two.

PG students are permitted to keep the books for one week and the same has been enhanced to fifteen days.

4.3. IT infrastructure

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

- Number of computers with configuration:
Number of Computers : 490
- Computer-student ratio : 1:4

Configuration of Available Systems

The complete details of the 490 systems made available in the college (Tables 4.24 - 4.29).

Table 4.24. Details of configuration of each available Desktop system.

S. No.	Desktop description	Number of systems
1	Model name :HCL, Processor: Intel Pentium IV 2.0 GHZ, Board: Asus mother board, RAM:256 MB, DDRI, HDD:40GB Seagate, Keyboard:PS2 HCL, Mouse: Scroll Ball Mouse, Monitor: HCL 15" CRT Monitor	40
2	Model name : Assembled, Processor: Intel Pentium IV 1.4 GHZ, Board: Intel mother board, RAM:256 MB SDRAM, HDD:40GB Seagate, Keyboard: PS2 TVS, Mouse: Scroll Ball Mouse, Monitor: SAMSUNG 15" CRT Monitor	20
3	Model name : HCL, Processor: Intel Pentium III 1100 MHZ, Board: Asus mother board, RAM:256 MB SDRAM, HDD:20GB Seagate, Keyboard: PS2 HCL, Mouse: Scroll Ball Mouse, Monitor: HCL 15" CRT Monitor	40
4	Model name :HCL, Processor: Intel Celeron 2.0 GHZ, Board: Asus mother board, RAM:128 MB DDRI, HDD:40GB Seagate, Keyboard: HCL, Mouse: Scroll Ball Mouse, Monitor: HCL 15" CRT Monitor	62

S. No.	Desktop description	Number of systems
5	Model name : Assembled, Processor: Intel Dual core 2.8 GHZ, Board: Intel mother board, RAM:512 MB DDRII, HDD:80GB Seagate, Keyboard: PS2 Logitech, Mouse: Optical Mouse, Monitor: SAMSUNG 17" CRT Monitor	91
6	Model name : Assembled, Processor: Intel core i7 3.0GHZ, Board: Intel mother board, RAM:4 GB DDRIII, HDD:500GB Seagate, Keyboard: PS2 Genius, Mouse: USB Optical Mouse, Monitor: ACER 15" LED Monitor	40
7	Model name : Acer, Processor: Intel Pentium IV 3.0GHZ, Board: GIGA BYTE mother board, RAM:256 MB DDRII, HDD:80GB Seagate, Keyboard: PS2 Genius, Mouse: Optical Mouse, Monitor: ACER 15" LCD Monitor	15
8	Model name : Assembled, Processor: Intel Dual core 2.8 GHZ, Board: Intel mother board, RAM:1GB DDRII, HDD:80GB Seagate, Keyboard: PS2 Logitech, Mouse: Optical Mouse, Monitor: ACER 15" LCD Monitor	5
9	Model name : Assembled, Processor: Intel core Duo 2.8 GHZ, Board: Intel mother board, RAM:1 GB DDRII, HDD:150 GB Seagate, Keyboard: PS2 Logitech, Mouse: Optical Mouse, Monitor: ACER 15" LCD Monitor	3
10	Model name : HCL, Processor: Intel core Duo 2.8 GHZ, Board: Intel mother board, RAM:1 GB DDRII, HDD:150 GB Seagate, Keyboard: PS2 HCL, Mouse: Optical Mouse, Monitor: HCL 15" LCD Monitor	4
11	Model name : HP, Processor: Intel core i3 2.6 GHZ, Board: Intel mother board, RAM:1 GB DDRIII, HDD:500 GB Seagate, Keyboard: USB HP, Mouse: USB Optical Mouse, Monitor: HP 15" LED Monitor	1
12	Model name : Assembled, Processor: Intel Dual core 2.8 GHZ, Board: Intel mother board, RAM:512 MB DDRII, HDD:80GB Seagate, Keyboard: PS2 Logitech, Mouse: Optical Mouse, Monitor: SAMSUNG 17" CRT Monitor	2
13	Model name : Assembled, Processor Intel Dual core 2.8 GHZ Board: Asus mother board, RAM:1GB DDR II, HDD:80GB Seagate, Keyboard: TVS Gold key, Mouse: Optical Mouse , Monitor: SAMSUNG 15" LCD Monitor	1
14	Model name : DELL, Processor: Intel Pentium 2.0 GHZ, Board: Intel mother board, RAM:256 MB DDRII, HDD:80 GB Seagate, Keyboard: PS2 DELL, Mouse: Optical Mouse, Monitor: DELL 15" LCD Monitor	1
15	Model name : Assembled, Processor: Intel Pentium IV 2.4 GHZ, Board: Intel mother board, RAM:512 MB DDRII, HDD:80GB Seagate, Keyboard:PS2 TVS GOLD key, Mouse: Optical Mouse, Monitor: ACER 15" LCD Monitor	2
16	Model name : HCL, Processor: Intel Pentium III 1000 MHZ, Board: Asus mother board, RAM:256 MB SDRAM, HDD:20GB Seagate, Keyboard: PS2 HCL, Mouse: Scroll Ball Mouse, Monitor: HCL 15" CRT Monitor	3
17	Model name : Assembled, Processor: Intel core Duo 2.8 GHZ, Board: Intel mother board, RAM:1 GB DDRII, HDD:150 GB Seagate, Keyboard: PS2 Logitech, Mouse: Optical Mouse Monitor: ACER 15" LCD Monitor	1
18	Model name : Assembled, Processor: Intel Pentium IV 2.4 GHZ, Board: Intel mother board, RAM:512 MB DDRII, HDD:80GB Seagate, Keyboard:PS2 TVS GOLD key, Mouse: Optical Mouse, Monitor: ACER 15" LCD Monitor	1
19	Model name : Assembled, Processor: Intel Pentium IV 2.4 GHZ, Board: Intel mother board, RAM:1 GB DDRII, HDD:80GB Seagate, Keyboard:PS2 TVS , Mouse: Optical Mouse, Monitor: ACER 15" LCD Monitor	1
	TOTAL	333

Table 4.25. Details of configuration of each available Server system.

S. No.	Desktop description	Number of systems
1	Model name : DELL, Processor: Intel XENON 2.0 GHZ, Board: Intel mother board, RAM:4GB DDRII, HDD:350GB SCISI, Keyboard: USB IBM, Mouse: USB Optical Mouse , Monitor: ACER 15" LCD Monitor	1
2	Model name : IBM, Processor: Intel XENON 2.0 GHZ, Board: Intel mother board, RAM:4GB DDRII, HDD:350GB SCISI, Keyboard: USB IBM, Mouse: USB Optical Mouse, Monitor: HCL 15" LCD Monitor	2
3	Model name : HCL, Processor: Intel XENON 3.0 GHZ, Board: Intel mother board, RAM: 512 GB DDR I, HDD: 73 GB SCISI, Keyboard: HCL, Mouse: PS2 Optical Mouse, Monitor: ACER 17" LED Monitor	1
4	Model name : HCL, Processor: Intel XENON 3.0 GHZ, Board: Intel mother board, RAM: 1 GB DDR I, HDD: 80 GB SCISI, Keyboard: HCL, Mouse: PS2 Optical Mouse, Monitor: ACER 17" LED Monitor	1
TOTAL		5

Table 4.26. Details of configuration of each available Laptop system.

S. No.	Desktop description	Number of systems
1	Model name : HCL, Processor: Intel Dual Core 2.0 GHZ, Board: Intel mother board, RAM:1GB DDRII, HDD:150GB SATA, Display: 15" LCD	49
2	Model name : ACER Mini, Processor: Intel ATOM 2.0 GHZ, Board: Intel mother board, RAM:1GB DDRII, HDD:150GB SATA, Display: 10.1" LCD	98
3	Model name : ACER, Processor: Intel Pentium III 1000 MHZ, Board: Intel mother board, RAM:256 MB DDRI, HDD:80GB IDE, Display: 14.1" LCD	2
4	Model name : IBM Think Pad, Processor: Intel Pentium III 1000 MHZ, Board: Intel mother board, RAM:256 MB DDRI, HDD:80GB IDE, Display: 14.1" LCD	1
5	Model name : DELL, Processor: Intel Centrino duo 2.0 GHZ, Board: Intel mother board, RAM:2GB DDRII, HDD:150GB SATA, Display: 15" LCD	2
TOTAL		152

Table 4.27. Details of scanner with printer available in the campus.

S.No.	Description	Total number
1.	Samsung- Multi function printer (Scanner with printer and Xerox)	1
2.	HP- Multi function printer	1
3.	HP – OCR Scanner	2
4.	Cannon – Multi-type printer (Scanner with printer and Xerox)	2
TOTAL		6

Table 4.28. Details of printer available in the campus.

S.No.	Description	Total number
1.	HP – Colour Printer	2
2.	Cannon – 3550 Colour printer	2
3.	HP 1010 Black & white	2
4.	TVS – Dot Matrix printer	4
TOTAL		10

Table 4.29. Details of LCD Projector available in the campus.

S.No.	Description	Total number
1.	Epson EMP 30	1
2.	Sony VPL CS6	2
3.	SONY VPL PX II	1
4.	Mitsubishi LVPS 50UX	1
5.	OHP with Panel EZ Show 86	1
	TOTAL	6

- **Stand alone facility**

- **LAN facility**

All 490 systems are connected through LAN and Wi-Fi Connection. LAN is established by **star** and **hyper net topologies**.

- **Wi-Fi facility**

Wi-Fi facility is provided with ubiquiti wireless networking device with two access points in the college campus. Each access point covers a range of 5 kilo meter radius. The two D-Link DWL-3000 have been installed in the conference hall and general library.

- **Licensed software**

Proprietor

1.	Visual Studio 5.0	2.	Visual Foxpro 2.0	3.	Visual Basic 5.0
4.	Tally	5.	Windows Server 2003 Professional Edition		
6.	Adobe Collection (Photoshop7.0, Corel DrawX13, Acrobat Reader 7.0, Page maker5.0)				
7.	Oracle 11g	8.	Automation Library (OPAC)		
9.	Ms oracle – 2	10.	SPECTRO 119	11.	Airsoft
				12.	Image Pro Plus

Open Sources

1.	Red hat Linux	2.	Fedora 16	3.	PHP
4.	MYSQL	5.	NETBEAN 6.8 IDE	6.	JDK 1.6
7.	JRE 1.7	8.	STAR OFFICE		

- **Number of nodes/computers with Internet facility**

All the 490 systems are supported with internet facility. Bharath Sanchar Nigam Limited (BSNL) provides 1:1 ratio Leased Line internet service to our campus with bandwidth of 8 Mbps.

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

- All the 490 systems given in **Table 4.24, Table 4.25 and Table 4.26** are provided with internet facility in the college campus
- Wi- Fi connectivity is available in and around the campus
- BSNL's Leased Line Internet service is available for both faculty and students in the campus
- Each student of IT programme is provided with a Laptop, which can be used for accessing the Internet facility, in the campus as well as from their homes.

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

- All the recent developments in Science and Technology can be accessed through the internet facilities. Keeping these points in view the institution plans and evolves strategies for deploying the IT infrastructure as given below.
- To increase the band width of internet service
- To deploy the e-learning environment to facilitate students and staff
- To provide each student with laptop with internet access facilities through Wi-Fi
- To provide “Smart” class room facility for each PG class
- To encourage and facilitate the ICT enabled teaching learning process to a maximum extent
- ICT enabled Teaching and learning processes enhances the quality of education.

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

The institution allocates a sizeable amount of money every year in the budget for the purchase and deployment of computers. Up gradation and maintenance of the computer systems are made periodically by qualified service engineers. (Table 4.30)

Table 4.30. Details of annual budget for procurement, upgradation, deployment and maintenance of the computers and their accessories in the institution.

S.No.	Academic Year	No. of Computers Procured	Upgraded	Provision for maintenance & Access Rs.	Actual Maintenance & Access Rs.
1.	2010-2011	10	-	1,70,000	1,59,150
2.	2011-2012	60	-	17,00,000	17,01,000
3.	2012-2013	-	-	5,20,000	5,16,025
4.	2013-2014	60	-	20,50,000	20,43,650
			Total	44,40,000	44,19,825

4.3.5. Details on extensive use of ICT resources including development and use of computer-aided teaching/learning materials (staff and students)

Facilities are available to prepare Power Point Presentations (PPT) for seminars/workshops and classroom teaching besides extensive use of internet facility. Educational DVDs and CDs are available in each department for enhancing the teaching process. Selected faculty members were given training in the preparation of e-content.

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

NPTEL resources are net connectivity are mostly needed by the students for independent learning. “Smart” classrooms facilitate ICT enabled teaching where students’ learning is the prime objective. Power Point Presentations (PPT) by the students with the guidance of faculties place the students at the centre of teaching and learning process with teacher playing the role as a facilitator.

The PG students are enabled to use the “Search Engines” to update their knowledge and prepare Power Point Presentation in the seminars/conferences.

The teachers prepare their teaching modules with supporting evidences in order to enhance curiosity and creativity of the students.

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

Yes. Information and Library Network (INFLIBNET) centre and the Project entitled “National Library and Information Services infrastructure for Scholarly Content (N-List)” are available in the campus.

4.4. Maintenance of Campus Facilities

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

The institution ensures optimum allocation and utilization of available funds for maintenance of building, furniture, equipments, computers and vehicles by discussing it in the meeting of the management council (Table 4.31).

Table: 4.31. Details of fund allocation and utilization for the maintenance (in Rs.)

S. No.	Category	Academic Year	Allocation	Utilization
1.	Building	2010 – 11	30,00,000	28,27,901
		2011 – 12	50,00,000	44,61,060
		2012 – 13	25,00,000	22,35,532
		2013 – 14	1,50,000	1,45,277
2.	Computer	2010 – 11	9,00,000	8,53,464
		2011 – 12	13,00,000	12,50,000
		2012 – 13	9,00,000	8,58,800
		2013 – 14	5,00,000	1,84,207
3.	Transport - College Bus	2010 – 11	86,00,000	85,25,872
		2011 – 12	1,05,00,000	1,03,16,702
		2012 – 13	1,50,00,000	1,38,42,307
		2013 – 14	1,25,00,000	1,44,82,684
4.	Other Vehicles	2010 – 11	2,50,000	2,29,758
		2011 – 12	5,00,000	4,77,832
		2012 – 13	1,75,000	1,86,118
		2013 – 14	2,00,000	1,95,593
5.	Generator	2010 – 11	1,90,000	1,85,540
		2011 – 12	1,50,000	1,65,363
		2012 – 13	3,00,000	2,95,441
		2013 – 14	1,00,000	2,30,092
6.	Garden	2010 – 11	2,00,000	2,12,746
		2011 – 12	2,50,000	2,39,685
		2012 – 13	50,000	72,336
		2013 – 14	10,000	1,42,830
		Total	63315000	62617140

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

- Periodic servicing of the infrastructure facilities such as lights, fan, A/C and lift, equipments etc., is carried out by hiring skilled technicians
- A full time system administrator looks after computer laboratory
- A complaint notebook is maintained in the office in which repairs, if any, and the working status of the equipments could be registered
- A senior staff takes measures to set right the defects reported
- Plumbers and electricians are always available for repair work
- Office manager and maintenance engineer look after the maintenance of buses
- Vehicles are mostly in the college service garage
- Full time class IV employees clean the campus every day
- Scavengers clean and maintain the sanitary facilities of the college and hostel
- Clean campus committee checks the cleanliness in kitchen/store room/dining section/sanitary facilities and cleanliness of cooks and other staff in the student's hostel
- The campus is maintained as polythene free campus
- Mosquito control fogging machine fitted with a vehicle to control mosquitoes is available in the campus
- Conoweeder has been provided to remove the unwanted weeds
- Buildings are periodically white/colour washed

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

Calibration and other precision measures are carried out as and when needed with hired service engineers.

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

Some sensitive equipment such as server is safely located away from student utility area. Adequate numbers of stabilizers ensure power supply without voltage fluctuations. For 24 hours supply of power/water, 9 generators are maintained as standby (Table 4.32). 4 deep bore wells are the sources of water for drinking and washing purposes. All the laboratories are equipped with fire safety measures.

Table: 4.32. Details of Generators

S.No.	Power (KVA)	Manufacturer	No. of Generators
1.	125	Leyland	2
2.	82	Kirloskar	1
3.	82	Leyland	1
4.	55	Leyland	1
5.	15	Cummins	1
6.	15	Kirloskar	2
7.	5	Mahindra	1
Total			9

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

- Solar Power Plant (20 KW) has been installed in the Vivekanandan Block
- Rain water harvesting system has been implemented to recharge the ground water level
- Intercom facility has been provided

Criterion - V

Student Support and Progression

5.1. Student Mentoring and Support

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

Yes. The institution publishes its updated prospectus and handbook annually.

Information in the Prospectus

The prospectus given along with the application for admission provides the following information relating to the institution

- Profile
- Emblem and Motto
- Vision, Mission and Objectives
- UG & PG Programmes
- AICTE approved programmes - MBA and MCA
- Research programmes
- Norms and details of admission
- Fees structure
- Highlights of the programmes and prospects of employment
- Co-curricular & Part V activities
- **Facilities**
 - o Transport
 - o Library
 - o Eco friendly campus
 - o Research Laboratory and Equipments
 - o Hostel
 - o 24 Hours 8 Mbps leased line Internet

Information in the Handbook

The Handbook of the institution includes the following information to teachers and students

- College song
- Form for personal profile
- History of the College
- Vision, Mission and Objectives
- Emblem & Motto
- Programmes offered
- Name(s) of the Founder, Managing Trustee, Correspondent, Principal, Vice Principal, Faculty members and Non teaching staff
- Details of components of CIA and the time schedule for the execution of formative evaluation (CIA)
- Details of the club activities and other value added activities of the institution
- Rules & regulations of the College, hostel and library

- Academic calendar with day order, holidays and examinations schedule, days for assignment submission and seminars and last date for remittance of fee
- Abstract of working days
- Structure of the curricula
- Curricular, Co curricular and extracurricular activities

Commitment

- The institution is committed to provide higher education to women students from the rural and economically weaker section of the society and make them employable
- The commitment is ensured by extending transport facilities to all the interior villages and at relatively low cost and extending all academic concessional facilities which are duly expressed through the handbook

Accountability

- Since the institution is committed to ensure higher education for the women students of the weaker section of the society, it ensures that the admissions are made adhering to the norms of the reservation policy of the state government
- All the advanced facilities including ICT enabled teaching and learning are extended to the rural institution to provide quality education

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

The management of the institution is magnanimous enough to support the meritorious as well as the economically weaker section of the society by providing on time

- Free-ships to cover term fee, college bus fare and hostel mess fee
- Free-ships to the students who excelled in sports and games and other extra-curricular activities (Table 5.1.).

Table 5.1. Details of the amount of free-ships given to the students by the management in the past five years (2010 – 2015).

Academic Years	Types of free-ships and No. of students benefited							Total Amount in Rs.
	Term fees 25%	Term fees 40%	Term fees 50%	Term fees 100%	Bus fees 100%	Mess fees 50%	Mess fees 100%	
2010-2011	-	03	03	18	01	-	53	4,49,773
2011-2012	-	-	02	06	-	-	03	97,000
2012-2013	01	-	04	09	03	01	04	18,1,250
2013-2014	01	-	03	03	03	-	04	1,79,850
2014-2015	01	-	04	10	04	03	02	2,18,100
Total	03	03	16	46	11	04	66	11,25,973

Total number of beneficiaries =149

In the Academic year 2014-2015, 53 hostel students have been selected for Merit scholarship (Waiving the mess fee)

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

The institution helps the students to get the following scholarships from the government (Table 5.2.).

- Merit scholarship from the Government
- SC/ST Scholarship
- Scholarship for single girl child (Table 5.2a.)
- Scholarship for physically handicapped
- Scholarships from the service organizations and foundations
- State “ Uzhavar Pathukaappu Thittam” Scholarship
- Others

Table 5.2. Percentage of Students who received financial assistance for four years (2010-2014).

Academic years	Central. Govt.		State Government								National / Pvt. Agencies	
			Post - Metric Scholarship		Merit Scholarship		Physically challenged		Uzhavar Padhu-kappu thittam			
	Amount in Rs.	No. of Students	Amount in Rs.	No. of Students	Amount in Rs.	No. of Students	Amount in Rs.	No. of Students	Amount in Rs.	No. of Students	Amount in Rs.	No. of Students
2010-2011	Nil	Nil	16,86,940	321 (9.6%)	13,500	04 (0.12%)	6,500	02 (0.06%)	6,500	03 (0.09%)	16,200	05 (0.15%)
2011-2012	Nil	Nil	21,29,770	318 (8.6%)	26,500	09 (0.2%)	Nil	Nil	Nil	Nil	35,200	10 (0.2%)
2012-2013	Nil	Nil	31,34,655	395 (10.4%)	58,000	14 (0.37%)	8,000	02 (0.05%)	2,11,600	93 (2.4%)	47,000	12 (0.3%)
2013-2014	Nil	Nil	20,23,990	414 (0.4%)	59,000	17 (0.07%)	7,500	03 (8.15%)	6,59,275	313 (0.3%)	44,000	15 (10.7%)

Table 5.2a. Details of scholarship for single girl child received by the students

S.No.	Academic Year	Student Names	Class	Amount Sanctioned Rs.	Amount Received Rs. (1 st installment)
1	2013-2015	S.Abirami	II M.Sc. C/S	38,500	19,250
2	2013-2015	R.Aishwarya	II M.Sc. C/S	38,500	19,250
3	2013-2015	P.Karthika	II M.Sc. C/S	38,500	19,250
4	2013-2015	T Jesus Mariya	II M.Sc. C/S	38,500	19,250
5	2013-2015	R.Dhivyaa	II M.Sc Mathematics	38,400	19,200
6	2013-2015	V.Shathini	II M.Sc Mathematics	38,400	19,200
7	2013-2015	M.Kayalvizhi	II M.Sc Mathematics	38,400	19,200
8	2013-2015	A.Priyadharshini	II M.Sc Mathematics	38,400	19,200
9	2013-2015	L.Banupriya	II M.Com	38,000	19,000

5. 1.4. What are the specific support services / facilities available for students?

The institution supports the students to achieve progress in the learning process through English Language Laboratory, Soft Skill Development Cell, Career Guidance and Placement Cell, Entrepreneurial Development Cell, Target CE, Research and Development Cell, Fine

Arts Association, Sports and Games Committee, Library Committee, Magazine Committee , Anti Ragging Committee, Committee for Differently abled persons, WECAN, Alumni Association, Grievance Redressal Cell, Counselling Committee, Consumer Citizen Club, Discipline Committee, Transport Committee, Hostel Committee, Health Club, Student EXNORA and other Allied Associations etc.,

The support extended by the institution is inclusive

Support for SC/ST and Economically Weaker sections

- The institution facilitates the SC/ST students to get the social welfare scholarship from the state government. Since the institution is self-financing in nature, the students of BC/MBC are not eligible for scholarships
- However, BC/MBC students of MBA and MCA are facilitated to get the scholarship from the State Government
- The management financially supports the economically weaker section of the society through free ships in tuition fee, hostel fee and transportation fee

Support for physically disabled students

- Committee for Differently abled persons takes the responsibility of overcoming the hardships faced by the differently abled students by providing facilities such as user friendly toilet, ramp, wheel chair, and lift
- Creating awareness about the benefits of the schemes offered by the Central and State governments for the disabled people through class circulars and display in the college notice board

Support for competitive examinations

Career Guidance and Placement Cell, and TARGET CE arrange coaching classes/training programmes to face the competitive examinations (Banking Services, TNPSC, UPSC, GATE examinations, etc.). (Table 5.7.)

- Online tests are conducted to the final year UG and PG students on various topics to develop aptitude skills and to get an idea about the competitive examinations. Coaching classes were conducted for UGC NET / SET examinations in May 2014 for both the staff members and students
- Career guidance and Placement Cell also help them to improve their skill of competency
- Coaching classes are conducted for the final year UG students for TANCET entrance examination (Table 5.3.)

Table 5.3. Details of Coaching classes conducted for TANCET Entrance Examination

S.No.	Academic Year	Name of the Staff	Depart-ment	Date of the Coaching Classes	No.of Benefi-ciaries
1	2009-2010	Ms.G.Vijayalakshmi Ms.S.Indirani	M.B.A	01.04.2010 03.04.2010	122
		Ms.V.Alamelumanyarkarasi Ms.R.Kayathiri	M.C.A	30.03.2010 31.03.2010	63

2	2010-2011	Ms.S.Indirani Ms.M.Hemasundari	M.B.A	07.04.2011 08.04.2011	147
		Ms. D.Thenarasi Ms.P.Rani	M.C.A	05.04.2011 08.04.2011	60
3	2011-2012	Ms.G. Venkateswari Ms.R. Bhuvaneswari	M.B.A	16.03.2012 17.03.2012	167
		Ms.M.Mathivathani Ms.S.Radha	M.C.A	02.03.2012 03.03.2012	50
4	2012-2013	Ms.G.Vijayalakshmi Ms.R.Bhuvaneswari	M.B.A	27.03.2013 28.03.2013	178
		MS.S.Mahalakshmi Ms.S.Pallavi	M.C.A	27.02.2013 28.02.2013	67
5	2013-2014	Ms.B.Saranya Ms.D.Mamtha	M.B.A	17.03.2014 18.03.2014	142
		Mr.A.Adhiselvam	M.C.A	06.03.2014 07.03.2014	72

Coaching class for UPSC Examinations

- Three students with academic excellence were selected and sent to the IAS coaching centre (Officers IAS Academy), Chennai in June 2014. **All expenses (fees, boarding and lodging) are borne by the management** and the selected students are
 1. S.Girigujambiga - MCA
 2. M.Suganya - MCA
 3. V. Rajeswari - MBA

Support for Language Development & Skill classes (Spoken English, Computer Literacy, etc.,)

- Spoken English classes are conducted on alternate Saturdays for the freshers and weekly once classes for the final year PG students
- Computer literacy classes are conducted during and after the college hours
- Language laboratory classes are conducted for the first year PG students to develop LSRW (listening, speaking, reading and writing) skills

Support of Medical assistance to students

- The Health Care Centre with a physician, a staff in-charge (Physical Director) and van, has been provided by the management
- The Doctor visits the hostel and the college everyday
- A separate vehicle is provided by the Management to take the ailing students to hospital, accompanied by the class in-charge and two volunteers,(for both hostellers and day scholars)
- Counselling is provided and awareness is created to students on the causes and problems of obesity, deficiency diseases, peptic ulcer, etc.
- The physical director is the overall in-charge of the health care of the students

Support for soft skill development programme for students

- The college provides soft skill development training to impart communication and to groom personality development to the students
- The English Language Laboratory trains the students to communicate in English
- The Bridge intensive course gives orientation to the college environment at the entry level
- Computer literacy has been ensured to all the students, though it is not mandatory
- Hardware and software skill development trainings are offered for a week through the Computer Society of India
- Diploma courses are conducted as value added courses for the non computer major students 1. Diploma in Computer Application (DCA), 2. Diploma in Desk Top Publishing (DDTP) and 3. Certificate Programme in Computer Science
- Diploma in Relational Database Management Systems (RDBMS) and IBM Certificate course are conducted for the Computer Science, Information Technology and M.C.A Students
- Eight certificate courses are proposed to conduct by the Departments of Microbiology, Biochemistry and Nutrition and Dietetics

Support for slow learners

- Slow learners are persuaded to approach the teachers for improvement
- Apart from the University instruction hours, extra one hour is utilized for tutorial classes every week to support the slow learners
- Remedial classes are conducted to help the academically weaker students for two hours on alternate Saturdays

Support for field/industrial visits/Hands on Experience

- Students of Computer Science, Information Technology and MCA are sent for internship and project work to software firms
- Students of M.B.A. are sent for industrial visits to corporate companies and to do projects
- Students of Biochemistry and Microbiology are sent for internships to corporate hospitals
- Students of Nutrition and Dietetics are sent for internship programmes to hospitals and star hotels
- Excursions are arranged every year for UG students to widen the horizons of knowledge and experience

Support for Student Publication

- The students of science, humanities and language departments bring out half yearly **newsletters** viz., **ThelluThamizh** (Tamil) , **Damsels' views**(English), **Path finder** (Economics), **Espousal** (BBA), **Nexus** (Commerce), **Aryabhatta** (Mathematics), **CSLILO** (Computer Science), **Wings** (Science Departments), **The First step** (MBA) and **CAN** (MCA).
- The college publishes annual college magazine
- The college also publishes a quarterly international journal entitled “**International Journal of Scientific Transactions in Environment and Technovation**”

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

The institution facilitates the entrepreneurial skills through training in

- Driving skills
- Clinical Laboratory Techniques and Analytical Instrumentation enhances self employment/ job opportunity
- Computer Software and Hardware
- Bio-fertilizer, Bio composting and vermi composting Production
- Apiculture and edible mushroom cultivation
- Dietetic Counselling

As an initiative, an **Entrepreneurship Awareness Camp** was organized by the Entrepreneurship Development Cell on 9th, 10th and 11th December 2013 to create awareness among the students of Science courses on various facets of entrepreneurship. The **Department of Science and Technology, New Delhi has sanctioned Rs.7000** for this camp. Nearly 80 Science students and 150 Humanities students were benefited by the programme. (Table 5.4.)

Our institution is **one among the selected 50 colleges** in TamilNadu by the Government of TamilNadu for setting up **Entrepreneurship Development Cell. The Cell has received an initial funding of Rs.1,00,000/-** from the Government of TamilNadu for identifying and giving training in entrepreneurial skills among the students (Table 5.4.).

Table 5.4. Details of workshops / camps conducted to create entrepreneurship awareness to students.

S.No.	Date	Programmes conducted	No. of participants
1	20.02.2013	Workshop on Women Entrepreneurship	606 students and members of women Self Help Group
2	09.12.2013 10.12.2013 11.12.2013	Entrepreneurship Awareness Camp	80 Students from various Departments
3	01.04.2014	Entrepreneurship Development cell-Inaugural Function	94 Students from various Departments

- The training provided by the Entrepreneurship cell helped them to acquire skill in the concerned area and instilled self confidence in them to become entrepreneurs in their chosen field (Table 5.5.)

Table 5.5. List of motivated women Entrepreneurs

S.No.	Department	Name	Nature of Self Employment	Place
1	Microbiology	MS.N. Sangeetha	Principal and Proprietor "Bharathamatha institutue of Differently Abled"	Thiruthuraipoondi
2	Microbiology	Ms. M.Saravanapriya	Proprietor Sri "Gowry Pharmacy"	Thanjavur
3	Nutrition and Dietetics	Ms.S.Vishnupriya	Proprietor "Anugraha Woman's Robe"	Thiruvarur

S.No.	Department	Name	Nature of Self Employment	Place
4	Nutrition and Dietetics	Ms.V.Kalaiarasi	Proprietor “Pink & Blue”	Mannargudi
5	Business Administration	Ms.N.Sudha	Proprietor “Nakshatra Beauty Parlour”	Mannargudi
6	Nutrition and Dietetics	Ms. G. Ganga devi	Proprietor “Devi Beauty Parlour”	Mannargudi
7	Biochemistry	Ms.P.Arulkanna	Proprietor “Thai Biotech”	Lalgudi, Trichy
8	Microbiology	Ms.V.Sarathi	Proprietor “Sri AmmanBiocare”	Thirukanurpatti, Thanjavur.

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

The **policy** of the institution is to identify the sports and other talents with proven records of the students at the time of admission, provide coaching with professional coaches and permit them to participate in the competitions held at university/state/national levels

Sports and games

Play Ground

The institution has a playground with an area of 44,220 sq.ft. with tracks for 100 mts and 200 mts race and 4x100 mts relay race. Basketball, Shuttle badminton, Volley Ball, Ball Badminton and kho-kho courts are available to facilitate the members of the staff and Students. A Cricket ground has been provided in an area of 63,550 sq.ft.

- Special coaching programmes are arranged by inviting external coaches
- Students participating in intercollegiate / University / State / National level competitions are given OD and other academic concessions
- Sports uniforms and materials are provided by the institution besides travel / food expenses and medical expenses
- Intramural competitions are conducted among the students every year in indoor games such as chess, carrom and outdoor games such as volley ball, basket ball, ball badminton, shuttle badminton and kho-kho. Competitions are also conducted for Track and Field events such as 100mts. running, 4x100 mts relay, slow cycling race, skipping, shot-put, discus, javelin and long jump. Both the winners and runners up are awarded with medals and certificates on the sports day

Debate/Discussion/Quiz Club

The Institution identifies the extra talents of the students in debate, group discussion and quiz programmes through interactive sessions, especially among the advanced learners and encourage them to participate in the competitions. Department of English and Tamil conduct oratorical contests annually and the selected students are encouraged to participate in the competitions.

- Quiz club enriches the knowledge of the students in various fields. Written examinations in General Knowledge is conducted to the UG students and top 16

participants are selected for semi final round from I year, II year and III year respectively

- Final quiz competition is conducted for 12 students and after 14 rounds on various topics. Winners are awarded prizes and certificates

Fine Arts

The **Policy** of the institution is to identify the students who are interested in cultural activities such as dance, music (vocal and instrumental) and drama train them with professional trainers and encourage them to participate in the on/off campus competitions.

- Training programmes are conducted to encourage the students in dance, music(vocal and instrumental),elocution and Bharatham on alternative Saturdays
- Students are also trained to participate in debates and discussions by the faculties and invited trainers
- Fine Arts competitions (STET FIESTA) are held every year in the month of January. The best performers are awarded prizes. All the participants in the final competitions are given participation certificates on the college day
- Music day entitled ‘STET EUPHONIES’ is celebrated in the month of April every year to provide opportunities to vocally and instrumentally trained students to exhibit their talents

Graduation day

Graduation day is celebrated every year in the month of April in a grand manner. Students with academic excellence are honoured with special mementoes and endowment prizes. Best outgoing students from UG and PG programme are also honoured.

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

Career guidance and placement cell and TARGET CE take the initiative for preparing the students for competitive examinations.

Students are informed about the competitive examinations by displaying the communications on the notice board and through circulars. Students are motivated to read “THE HINDU” paper to improve their knowledge in various fields. Nearly 863 students were motivated to subscribe The Hindu Newspaper, at students’ concessional rate.

Books for competitive examinations are made available in the library and issued on request (Table 5.6.). Coaching classes are conducted for competitive examinations (Table 5.7.)

Table 5.6. Details of supporting books and other library resources to the students appearing for competitive exam

S.No.	Provision of Books	No. of Books/ Journals in the Library
1	UGC/NET/SET	45
2	Competitive Exams/Service Commission Exam	77
3	G.K	79
4	Competitive Exam Journals	03

Table 5.7. Details of training programme conducted for Elite Group Students to face competitive Examinations

S.No.	Date	Title of the Programme	Name of the Resource Person
1	21.12.13	Resume Preparation	Ms.R.Buvaneshwari/ Asst.Prof in M.B.A/ S.T.E.T WC
2	04.01.14	Basic Mathematics	Ms.A.Yogeshwari/Head, Department of Mathematics/ S.T.E.T WC
3	10.10.14	Awareness camp for Competitive Examination	Mr.M.Senthilkumar/Coordinator Hiyagrivar institute, Mannargudi
4	20.01.14	Awareness on Internet, E-Mail & Laptops	Ms.K.Savima, Asst.Prof in ComputerScience, S.T.E.T WC
5	29.01.14	Communication Skills	Mr. S.Gowthaman PG Asst. in English,Rtd.,N.H.S.S Mannargudi.
6	26.02.14	Soft Skill	Prof.S.Sivapuniyam, Correspondent, S.T.ETWC, Mannargudi.

Coaching class for competitive examinations

- Online tests are conducted for the final year UG & PG students on various topics to develop aptitude skills and to get an idea about the competitive examinations
- Coaching classes are conducted for UGC NET / SET examinations in May 2014 for both members of the staff and students
- Placement Cell also helps them to improve their skill of competency
- Coaching classes are conducted for the final year UG students for TANCET entrance Examination

Coaching class for UPSC Examinations

- Three students with academic excellence were selected and sponsored to undergo training at the IAS coaching centre, Chennai in the academic year 2014-2015. All the expenses including lodging, boarding and the course fee are borne by the management.

Names of the sponsored Students

1. S.Girigujambiga - MCA
2. M.Suganya - MCA
3. V. Rajeswari - MBA

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

A Counselling Cell is functioning effectively in the college, with Principal as the Convener to help the students who need educational guidance, personal guidance and psycho sociological counselling to cope up with family and emotional problems. Heads of all the Departments are the members of this Cell. For each class, there is a Staff Counsellor (Class in charge) to provide counselling for personal, career and psycho sociological problems. Perceivable progress is very much evident after counselling in most of the cases. (Table 5.8.)

From the academic year 2013-2014 onwards tutorial system has been revised considering the larger number of students and 25 students are allocated to each faculty for effective functioning of the system.

Table 5.8. Details of Number of students counselled by faculties.

Academic Years	No. of Students Counselled (PG programme)	Year	No. of Students Counselled (UG programme)
2009-2010	11	2008-2010	05
2010-2011	16	2009-2011	06
2011-2012	21	2010-2012	09
2012-2013	21	2011-2013	11
2013-2014	23	2012-2014	-

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

Yes. The institution has a structured mechanism for career guidance and placement for the students. The expected activities of the career guidance and placement cell of the institution include helping the students in the pursuit of higher education, employment avenues of undergoing such programmes and general employment opportunities. The end of the academic year, i.e. the month of February is earmarked for career guidance activities.

Career Guidance Cell and Placement Cell each with a coordinator and two members (two members of the staff) are functioning in the college. The task of assisting the students in their career prospects is achieved by providing them training programmes, help them to improve their competency skills and to prepare curriculum vitae, reference letter, etc., It also creates awareness about the job avenues by displaying the advertisements of various companies on the notice board of the college and helps them to attend on campus / off campus interviews. (Table 5.9 & 5.10.)

- A training programme on Soft Skills Development was organized to UG final year and final year M.C.A. & M.B.A. students on 21.03.2012 with Mr. M.P. Ananthapadmanaban, Sabre IT Solutions Pvt, Ltd Chennai, as resource person
- A training Programme was organized on Soft Skills Development to PG Students on 21.03.2013 having Mr. M.P. Ananthapadmanaban, Sabre IT Solutions Pvt, Ltd Chennai
- Special training programmes were organized for Elite group of students of all the departments on different aspects (Table 5.6.)

Table 5.9. Campus interviews conducted in the College and number of students selected at various companies.

S. No.	Academic Years	Name of the Companies	No. of students attended	No. of students selected
1.	2011-2012	1. L-CUBE, Chennai 2. Andromeda Marketing Pvt. Ltd., Chennai 3. Hyundai/ ICICI, Chennai 4. L-CUBE, Chennai	65 168 29 29	08 36 12 09

2.	2012-2013	1. GSA, Chennai	18	6
		2. Elysium Technologies Pvt Ltd., Madurai	96	11
3.	2013-2014	1. SUVAKI Entertainments Pvt. Ltd., Chennai	16	02

Table 5.10. Off Campus Interviews and the number of students selected for various jobs by different employers.

S.No.	Academic Years	Name of the Companies	No. of students Attended	No. of students selected
1.	2011-2012	1. Wipro Technologies, Chennai.	33	4
		2. TCS, Chennai.	7	1
2.	2013-2014	1. Sans Pareil IT services Pvt. Ltd. Chennai	28	2
		2. VDART Pvt. Ltd., Chennai	6	2
3.	2014-2015	ICICI Bank	36	20

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

Students' Grievance Redressal Cell is functioning under the Principal as the Convener, who looks into the complaints lodged by the students, examines the grievances and solves the problems. The Cell has kept suggestion / complaint box / complaint note at the College reception desk in the Administrative office for the students to lodge the complaints but may remain anonymous. Anticipating the possible grievances, the cell takes prior measures to avoid occurrence of grievance.

However the Grievance Redressal cell assists the students in solving the grievances related to the summative evaluation.

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

A special committee for Sexual Harassment Prevention has been formed with the Principal as the Convener and Vice-Principal as Secretary. No case of sexual harassment has been reported so far. However the sexual harassment cell creates awareness regarding the impact of eve teasing, women harassment in public place and working place and suggests measures to overcome such problems.

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

Yes. The Anti Ragging Committee with the Principal as the Convener is functioning in the college. It creates awareness among the students about the ill effects of ragging and the same as a punishable offence under different sections of IPC. The Committee interacts with the students at regular intervals and motivates the senior students to move friendly with their juniors. Circulars to the classes, display of notices on the notice boards in prominent places and instructions to the senior class students at the time of commencement of I year UG classes avoid the occurrence of ragging. As the students are highly disciplined, no case of ragging has been reported so far.

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

There are number of welfare measures taken by the institution to share the burden of the students, which are as follows

- Comparison of fee structure per semester with neighboring colleges shows the relatively low fee structure of the institution (Table 5.11.)
- Full Term fee concession, and 50% term fee concession are extended to the deserving students
- Facilities to pay the term fee in installment
- Bus fare free-ship scheme
- Bus fare for the college bus is relatively less than the bus fare collected by the public / private transport companies, for most of the routes (Table 5.13.)
- Transport service is extended to all the interior areas, where the transport is not provided by any other agency
- Transport is provided nearly as a service with a recurring loss
- Hostel accommodation is provided at the rate of Rs.200 per month
- Boarding facility for hostel students at relatively cheap rate (Rs.40/- Per day)
- Hygienic food handling procedure is followed in the Hostel kitchen
- Mess bill free-ships scheme for deserving students
- Students' co-operative stores for supply of note books and stationeries at concessional prices to the students
- Canteen is functioning within the campus to sell eatables/ hot and cool drinks at concessional rates
- Providing Laptop for M.Sc. Information Technology, Computer Science, M.C.A. & M.B.A. students, to be returned after use at the end of the academic year (Table 5.12.)
- 'WECAN' has been adopted to make the students to earn while learning
- Providing purified and safe drinking water
- Mosquito control fogging machine fitted in a vehicle to control mosquitoes
- Providing Clean and Green Environment

Medical facility

- A separate vehicle is provided to take the sick students to the hospital
- First aid box and medicines for common illness are provided
- Doctor's visit is arranged daily on request
- Provision of sanitizer and incinerator facility both in the college and Hostel

The fees structure of the college is compared with Bon Secours College Thanjavur, since both are self financing women's college (Table 5.11).

Table 5.11. A comparison of the fee structure of STET Women's College, Mannargudi and Bon Secours College, Thanjavur.

UG & PG Programmes	STET WC, fee in Rs.	Bon Secours College for Women, Thanjavur, fee in Rs.
B.A. English	4575	4000
B.A. Economics	3575	-
B.B.A.	4075	4500*
B.Com.	3575	3500
B.Sc. Biochemistry	4825	-
B.Sc. Chemistry	4075	4500*
B.Sc. Computer Science	4825	5500*
B.Sc. Mathematics	3575	4500*
B.Sc. Microbiology	5075	-
B.Sc. Nutrition & Dietetics	5075	-
B.Sc. Physics	4075	4500*
M.A. Economics	5075	-
M.A. English	12000	5500
M.Sc. Biochemistry	7075	-
M.Sc. Biotechnology	11075	-
M.Sc. Chemistry	6825	-
M.Sc. Computer Science	6825	7000*
M.Sc. Information Technology	6825	-
M.Sc. Microbiology	7025	-
M.Sc. Mathematics	5275	6000*
M.Sc. Physics	6825	6000
M.Sc. Food Service Management & Dietetics	6525	-
M.Com.	5275	5500*
M.B.A	17075	-
M.C.A	15075	-

*A comparison reveals that among the 12 programmes offered by both the Colleges, the tuition fee of STET Women's College is less than that of Bon Secours College for eight programmes

Table 5.12. No. of Laptops provided to the students by the management.

S.No.	Class	No. of laptops Issued
1.	MCA	48
2.	M.Sc. IT	52
3.	M.Sc. CS	33
4.	MBA	40

Table 5.13. A comparison of College transport and public transport bus fare.

S.No.	College Bus Nos.	Destination (from Sundarakkottai)	No. of Kms. (to & fro)	Bus fare in Rupees	
				College Transport per sem.(100 days)	Public Transport per sem.(100 days)
1.	1	Melavasal	21	2150	2000
2.	2	Needamangalam	39	2800	2200
3.	3	Pattukkottai alivalam	71	3300	3000
4.	4	Asesham bye-pass	15	2150	2000
5.	5	Kottur	44	2625	2400
6.	5A	Thamarankottai	62	3050	4000*

S.No.	College Bus Nos.	Destination (from Sundarakkottai)	No. of Kms. (to & fro)	Bus fare in Rupees	
				College Transport per sem.(100 days)	Public Transport per sem.(100 days)
7.	5B	Vaduvur	40	2800	2400
8.	6	Meppalam	65	3200	3000
9.	7	Orathanadu	44	3000	3200*
10.	7A	Pattukkottai	77	3200	3000
11.	7B	Mannai nagar	15	2150	2000
12.	8	TTP-velur puliyamaram	79	3300	3600*
13.	9	TTP- police colony	75	3200	3600*
14.	10	Ammamet	62	3000	3400*
15.	10 A	Thirumakkottai	33	2650	3000*
16.	11	MNG- anjaneyar kovil	19	2150	2000
17.	12 I-Trip	MNG-sanjeevi street	19	2150	2000
18.	12 II-Trip	Keelakuruchi	49	2600	2200
19.	13	Perugavazhdan	52	2850	3200*
20.	13 A	Koothanalur	42	2900	2400
21.	14	Vilakudi	57	3050	3000
22.	14 A	Pallankovil-school	70	3100	3600*
23.	15	Mathukur	70	3200	2000
24.	16	Kuruman Street	63	3000	4200*
25.	17	Jambuvanodai	109	3200	6200*
26.	17A	Krishnapuram	66	3100	4000*
27.	18	Vazhacheri	42	3050	3600*
28.	18A	Kovilur	99	3200	3200
29.	19	PKT-Perumal Kovil	75	3200	3000
30.	20	Vadapathimangalam	59	3000	2400
31.	20A	Lakshmgudi Pudhupalam	42	2900	2200
32.	21	TTP –Newbus Stand	72	3200	3600*
33.	22	MNG-Gandhi Road	16	2150	2000
34.	22A	MNG-Dharani School	22	2150	2000
35.	23	TTP-Kaliamman Kovil	80	3200	3600*
36.	23A	Nedumbalam School	82	3300	5000*
37.	24	Muthupettai	123	3200	3200
38.	24A	Koradacheri	50	3150	2400
39.	A	Pattukkottai	63	3200	3000
40.	B	Thiruvarur	80	3200	3600*

*Amount indicates that the public transport fare is higher than the College Transport

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

There is a registered Alumni Association with membership exceeding 9665.

ALUMNI ASSOCIATION - OFFICE BEARERS 2014-2015

Chief – Patron : Dr.V.Dhivaharan, Managing Trustee

President : Mrs.R.Mangalanayaki, Dept. of Microbiology

Vice-President : Mrs.S.Manikandaselvi, Dept. of Biochemistry

Secretary : Mrs. P.Rethinadevi, Dept. of Commerce
 Joint-Secretary : Mrs.R.Kaviyarasi, Dept. of N&D
 Treasurer : Mrs.R.Bhuvana Priya, Dept. of C.S.

- The association gives scholarships to the underprivileged students every year (Table 5.14.)
- Endowment prizes are awarded to the student who scores the highest mark in Part II English in the University Examinations (5.15.)
- Contributing to advertisement expenses in the newspapers on the graduation day
- Donating books to the library
- Providing feedbacks on curriculum / campus life
- Alumni of Biochemistry donated Digital Colorimeter and Glucometer to the department

Table 5.14. Number of students benefited by alumni association's sponsored scholarship

Sl. No.	Academic Years	No. of students benefited	Amount in Rs.	Grand Total in Rs.
1.	2008-2011	4	3000	12000
2.	2009-2012	4	3000	12000
3.	2010-2013	5	1000	5000
4.	2011-2014	5	1000	5000

Table 5.15. Details of the prizes awarded by Alumni association.

S.No.	Academic years	Name of the beneficiary	Amount in Rs.	Class
1.	2010-2011	R.Muhila	1000	Computer Science
2.	2011-2012	T.A.B.Shiflina Nilofer	1000	Mathematics
3.	2012-2013	A.Rahamath Sahana	1000	Computer Science
4.	2013-2014	V.Ramya	1000	Computer Science

5.2. Student Progression

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

The percentage of students progressing to Post Graduate studies vary from 8.5% to 13.4% in the past five years (2009-2014). (Table 5.16.)

Comparison of the percentage with that of the previous year shows the marginal fluctuation.

Table 5.16. Details of number / percentage of students progressing to higher education.

S. No.	Academic Years	No of students UG to PG	Trends	No of UG students Employed	No of PG students Employed
1	2009-2010	368(12.6)	Maintained	13	39
2	2010-2011	353(11.2)	Decreased	14	37
3	2011-2012	492(13.4)	Increased	16	49
4	2012-2013	474(12.9)	Maintained	14	22
5	2013-2014	329(8.5)	Decreased	08	36
6	2014-2015	330(8.5)	Maintained	-	-

(Figures indicate percentage in paranthesis)

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

- The analysis of the pass percentage of various UG Programmes of the institution is made for four batches (2008-2014). It reveals that the pass percentage is 81 to 100 %. The completion rate is 74 to 100 % (Table 5.17.)
- The analysis of the pass percentage of various PG Programmes of the institution is made for four batches (2009-2014). It reveals that the pass percentage is 53 to 100 %. The completion rate is 65 to 100 % (Table 5.18.)
- The analysis of the pass percentage of MCA Programmes of the institution is made for four batches (2008-2014). It revealed that the pass percentage is 100 %.for all the batches. The completion rate is 90 to 100 % (Table 5.19.)
- A comparative study of the pass percentage of the College with that of the affiliated colleges of the parent University reveals that the pass percentage of the college is higher than that of the parent University pass percentage and in most of the disciplines, the College has secured 100% results (Table 5.17.,5.18.,5.19.,& Fig 5.1.)
- A comparison of the pass percentage of the College with that of the University's affiliated colleges (Both UG and PG) shows that the pass percentage of the college is higher than that of the affiliated colleges of the parent University for the past four years consistently (Fig.5.1.)

Table 5.17. A comparative study of pass percentage of the College with that of the affiliated colleges of the parent University and the detail of the completion rate of the college–UG programmes.

S.No.	UG Programmes	Academic Years											
		2008-11			2009-12			2010-13			2011-14		
		Pass % in STET WC	Pass % in University	Completion Rate	Pass % in STET WC	Pass % in University	Completion Rate	Pass % in STET WC	Pass % in University	Completion Rate	Pass % in STET WC	Pass % in University	Completion Rate
1.	B.A. Economics	100	85.81	88.4	100	84.40	86.5	No Admn.	No Admn.	No Admn.	100	95.5	86.5
2.	B.A. English										100	75	88.3
2.	B.B.A.	100	86.5	92.8	100	85.6	94.6	100	84.9	100	100	92.2	86.1
3.	B.Com.	100	82.6	91.1	100	85.1	91.1	99	83.8	92	99	86.7	92.3
4.	B.Sc., Maths	100	78.4	89.4	100	79.8	96.3	97	80.1	96.9	94.4	76.73	92.6
5.	B.Sc., Comp.Sci.	100	81.4	93.1	100	81.8	95	100	82.9	100	100	85.8	96.5
6.	B.Sc., Biochem.	100	88.9	95.3	100	86.9	95.1	98	84.76	90.7	98.3	86.5	89.2
7.	B.Sc., Microbiology	100	89.80	96	100	81.8	74.1	100	87.72	100	100	95.8	89.2
8.	B.Sc., Nutrition & Dietetics	100	75.00	100	95	74.23	97.6	91	75.29	98.5	97.6	92.5	80.7
9.	B.Sc., Physics	87.8	63.65	91.1	100	72.29	96.1	97.7	72.20	95.8	100	74.8	96.1
10.	B.Sc., Chemistry	81	54.23	94	87	52.48	100	94.6	49.03	81.5	85	43.31	78.4

Table 5.18. A comparative study of pass percentage of the College with that of the affiliated colleges of the parent University and the detail of the completion rate of the college– PG programmes.

S.No.	PG Programmes	Academic Years											
		2009-11			2010-12			2011-13			2012-14		
		Pass % in STET WC	Pass % in University	Completion Rate	Pass % in STET WC	Pass % in University	Completion Rate	Pass % in STET WC	Pass % in University	Completion Rate	Pass % in STET WC	Pass % in University	Completion Rate
1.	M.A. Economics	100	89.15	100	100	77.36	94.1	100	90.91	86.9	100	87.61	86.9
2.	M.Com.	100	85.21	92.5	100	82.93	92.3	100	89.68	79.16	98	85.32	90.4
3.	M.Sc.Maths	100	77.83	100	97	75.10	97.4	97	80.13	94.4	98	73.67	94.4
4.	M.Sc.Comp Sc	100	87.65	88.8	100	88.07	100	100	87.45	96.9	100	85.21	96.9
5.	M.Sc. IT	100	89.91	100	100	85.84	100	100	87.50	93.5	100	78.86	93.5
6.	M.Sc.Biochem	100	95.70	100	93	81.22	96.5	97	81.88	100	97.3	77	94.7
7.	M.Sc.Microbiology	100	93.00	100	100	94.79	97	100	92.24	100	100	91.79	100
8.	M.Sc., Bio Tech	100	94.17	90	-	95.77	-	100	88.73	82.3	100	92.24	87.5
9.	M.Sc. Physics	100	82.26	100	86.96	66.10	76.9	95.8	69.70	92.8	80.76	43.43	75
10.	M.Sc. Chemistry	89	72.28	100	85	78.97	93.1	53	56.75	96.4	81.4	42.61	78.5
11.	M.Sc Food Service Mgt & Dietetics	100	87.88	100	100	90.48	96.2	100	89.66	94.1	69	59.46	64.7
12.	M.B.A.	100	97.5	97.5	100	97.5	97.5	100	100	100	97.5	92.5	95

Fig. 5.1. The Comparison of UG and PG Result

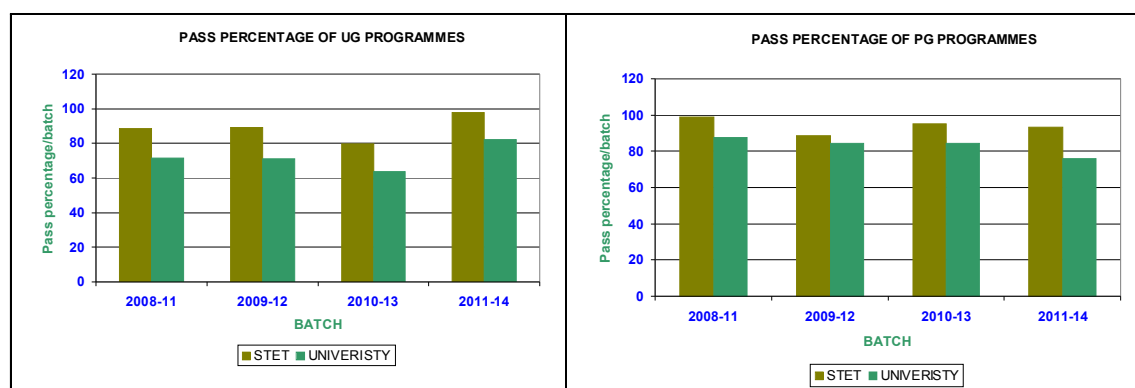


Table 5.19. A comparative study of pass percentage of the College with that of the affiliated colleges of the parent University and the detail of the completion rate of the college - MCA programmes.

S.No.	Programmes	Academic Years											
		2008-11			2009-12			2011-13			2012-14		
		Pass % in STET WC	Pass % in University	Completion Rate	Pass % in STET WC	Pass % in University	Completion Rate	Pass % in STET WC	Pass % in University	Completion Rate	Pass % in STET WC	Pass % in University	Completion Rate
1.	M.C.A	100	62.1	89.7	100	91.69	100	100	90.5	95	100	95	95

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

The institution offers post graduate programmes in all the departments and M.Phil. and Ph.D. programmes in selected department. Display of broacher regarding the various programmes offered by this institution and other reputed institutions in the college notice board and the motivation extended by the faculties also facilitate the progression of students of higher learning.

The students who undergo final year UG/PG programme are provided guidance and counseling through Career Guidance and Placement Cell. The prospects and employment opportunity of the each concerned department motivate the students to join in higher education available in the institution.

Training for TANCET Examination, group discussions, written / online tests and mock interviews, campus interviews and guiding the students to attend off campus interviews also support the students to get employment.(Table 5.3.)

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

Since the students hail from rural and economically backward section of the society, the chances of dropout are many which are due to social and economic reasons. They are identified and properly counselled

- Students who have failed in the semester examinations are given special coaching through remedial classes
- Extra care is given to the slow learners during the extra class hours
- Psychological counselling is provided to solve psychological problems
- Besides mentoring by faculties, free-ships by the Management and free boarding in the hostel are the special supports given to the students who are at the risk of drop outs, due to economic conditions (Table 5.1.)

5.3. Student Participation and Activities.

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

The range of sports games and cultural and other extracurricular activities available to students is as follows.

Sports and games facilities

Indoor Games	• Chess	• Carrom	
Outdoor Games	• Volley Ball	• Shuttle adminton	• Ball Badminton
	• Basket Ball	• Kho-Kho	• Cricket
Athletics	• 100 mts	• 200 mts	• 4x100 mts relay
	• High jump	• Long jump	• Short put
	• Discuss	• Javelin throw	

Extra Curricular and cultural Activities

- Fine Arts and performing Arts
- Youth Red Cross
- Rotaract
- National Service Scheme
- Environmental Education (Exnora)
- Red Ribbon Club

Programme Calendar

July	-	Welcoming the freshers
August	-	1. Induction of Officer Bearers 2. Independence Day celebration 3. Sadbhavana Diwas
September	-	Teachers Day
October	-	Gandhi Jayanthi
December	-	World AIDS Day
January	-	1. Founder's Day Celebration 2. Voter's Day 3. Republic Day Celebration 4. STET FIESTA (Fine Arts Competitions) 5. Quiz Competition 6. World Youth Day
February	-	1. Sports Day Celebration 2. Science Day Celebration
March	-	1. Women's Day Celebration 2. Mathematics Day
April	-	1. STET EUPHONIES (Music Day) 2. Graduation Day 3. SUMMIT (Annual Day Celebration)

- Our students also participate in inter-collegiate competitions conducted by other colleges and institutions and won prizes (Tables 5.21., 5.22.,5.23.,5.24.,5.25. & 5.26)
- General programme calendar (Table 5.20.)
- Detailed programme calendar for various activities will be provided at the time of NAAC peer team visit

Table 5.20. General Programme Calendar for all the Co curricular and extracurricular Activities

S.No.	Nature of the Programme	Academic Year Activities				
		2009-2010	2010-11	2011-12	2012-13	2013-14
1	Sports and Games	7	7	7	6	8
2	N.S.S	4	7	20	10	11
3	N.S.S. WISH					3
4	Fine Arts	3	3	2	3	3
5	RRC	6	4	4	4	5
6	YRC	5	7	6	6	5
7	Rotaract	5	6	4	5	4
8	Exnora		7	7	7	8

5.3.2. Furnish the details of major student achievements in co-curricular, extracurricular and cultural activities at different levels: University/ State / Zonal / National / International, etc. for the previous four years.

The institution encourages the participation of the students in various sports and games, cultural and extracurricular activities. The skills and talents in such activities are identified at the entry level itself and properly trained and nurtured with professional trainers and coaches, which made the students to achieve in many spheres. (Table 5.27.)

Every year nearly 400 students are trained to participate in various competitions at the state and national level events.

Every year English Department organize students to participate in **Proficiency test** and **Creative writing** under the spices of Shakespeare **Institute of English Studies, Chennai** and the achievements are given below (Table 5.21.)

Table 5.21. Students achievements in Proficiency test and Creative writing conducted by Shakespeare Institute of English Studies, Chennai.

S.No.	Academic Year	No. of Participants	Rank in Proficiency Test	Cash Award	Prizes received in Creative Writing	Cash Award
1.	2007-2008	1	X	300	-	-
2.	2008-2009	1	VIII	300	-	-
3.	2009-2010	1	VI	300	II Prize in Poetry Writing	750
4.	2010-2011	1	X	300	-	-
		1	-	-	II Prize in Essay Writing	750
5.	2011-2012	1	II	750	-	-
		1	-	-	III Prize in Essay Writing	500
6.	2012-2013	1	-	-	I Prize in Essay Writing	1000
7.	2013-2014	1	-	-	II Prize in Essay Writing	750
		1	-	-	II Prize in Essay Writing	750

This year the college received “**Best Performance in Creative Writing**” Award from the same Institute.

Table 5.22. Details of Achievements of the students in an intercollegiate competition.

Academic Year	No. of students Participated	Name of the Event (Lit.Con.Fete’ 14)	Prizes received	Venue of the competitions
2013-2014	1	Check Your Spelling	I	Idhaya College for Women, Kumbakonam.
	1	Literary Giant	II	
	5	Scene Freeze	II	
	6	Enact	II	
	6	Dumb Show	II	

The college received “**OVERALL CHAMPION**” Trophy in “**Lit.Con.Fete 14**”

Table 5.23. Details of the Achievements of the students of the Nutrition and Dietetics in an intercollegiate competitions.

Academic Year	No. of students Participated	Name of the Event Nutrition'14	Prizes received	Venue of the competitions
2013-2014	2	Debate	II	Jamal Mohamed College, Tiruchirappalli.
	1	Cookery	I	
	3	Cookery	Participation Certificate	
2014-2015	1	Paper presentation	II	
	1	Paper presentation	Participation Certificate	

Table 5.24. Details of Achievements of the students of the Computer Science in an intercollegiate competition.

Academic Years	No. of students/ team Participated	Name of the Events	Prizes received	Venue of the competitions
2012-2013	2	Quiz Competition	I	Bharath College, Thanjavur
2013-2014	2	Debugging	I	Marudupandiyar College, Thanjavur
	2		III	
	2	Dumb Charades	II	
	2		III	
	1	Paper Presentation	I	
1	III			
2	Quiz Competition	I		
2		III		
The college received “OVERALL CHAMPION” Shield in “Connaissance 2K14”				
2013-2014	4	Marketing Advertisement	II	Idhaya Women's College, Kumbakonam
	2	Spot the Words	I,III	
	1	Connection	III	

Table 5.25. Details of the Achievements of the Students of Economics and Business Administration in an intercollegiate competitive Test

Academic Year	No. of students Participated	Competitive Test conducted by SRAEF	Prizes Received	Venue of the competitions
2012 - 2013	1 from II B.B.A.	Know your Economy: Awareness Kindling Test	Rs.1,000/-	STET Women's College Sundarakkottai
	1 from I M.A.Economics	Know your Economy: Awareness Kindling Test	Rs.500/-	

Academic Year	No. of students Participated	Competitive Test conducted by SRAEF	Prizes Received	Venue of the competitions
2013	1 from III B.B.A.	Know your Economy: Awareness Kindling Test	Rs.1,000/-	STET Women's College Sundarakkottai
2014	1 from III B.B.A.	Know your Economy: Awareness Kindling Test	Rs.500/-	
	1 from II M.A.Economics	Know your Economy: Awareness Kindling Test	Rs.500/-	

Table 5.26. Details of the Achievements of the students in the Fine Arts and other activities.

Academic Year	No. of Students Participated	Name of the Competitions	Prizes received	Venue of the competitions
2009- 2010	200	Examination on the life History of Swami Vivekananda	Participation Certificate	Vivekananda Kendra Chennai
	200	Examination on Ramayana	Participation Certificate	Deiva Tamil Sangam Perambalur
	1	Oratorical Competition	Consolation (Rs 2000)	Navalar Na. Mu.Vengadasamy Natar College, Thanjavur
	1	Slogan Writing	III	Thiruchirappalli Productivity Council
	1	Tamil Essay Writing	I (Rs. 1000)	Pakutharivalar kazhagam, Thiruvarur.
2010- 2011	189	Essay Competition	Participation Certificate	Sri Ramakrishna Math, Chennai
	1	Tamil Oratorical	III	District Tamil Club
	2	Tamil Oratorical	Consolation (Rs 2000)	Navalar Na. Mu.Vengadasamy Natar College, Thanjavur.
	1	Tamil Essay	III	Bharathidasan University, Thiruchirappalli
2011- 2012	1	Carnatic vocal	III	Shri mathi Indira Gandhi College Tiruchirappalli
	1	English Oratorical	III	
	100	Essay writing, Drawing, Handwriting Kavithai Competitions	Participation Certificate	Vidiyal foundation Chennai
	137	Essay Competition	Participation Certificate	Vivekananda Academy, Tuticorin
	92	Examination on Gandhi's My Experiments with Truth	Participation Certificate	Gandhi Study Centre, Chennai

Academic Year	No. of Students Participated	Name of the Competitions	Prizes received	Venue of the competitions	
2012-2013	1	Tamil Oratorical	III	Shri mathi Indira Gandhi College Tiruchirappalli	
	1	Carnatic vocal	Participation Certificate		
	1	English Oratorical	Participation Certificate		
	80	Essay, Drawing, Hand writing Kavithai.	Participation Certificates	Vidiyal Foundation, Chennai	
2013- 2014	120	Vivekanantha slogan Recitation Competition	Participation Certificates and won the Prizes	S.T.E.T. Women's College, Mannargudi	
	04	Tamil Kavithai, English Oratorical Competition, Carnatic vocal , Tamil Oratorical Competition	Participation Certificates and won Prizes	Shrimathi Indira Gandhi College, Tiruchirappalli	
	01	Tamil Kavidhai	Participation Certificates and won the Prizes	CTN- TV, Mannargudi	
	03	Tamil Oratorical Competition	Participation Certificates and won the Prizes	Chidambaram Pillai College, Trichy	
	1	Carnatic vocal	III	Shri mathi Indira Gandhi College Tiruchirappalli	
	1	Tamil Oratorical	III		
	1	Tamil Kavidhai	I		
	1	English Oratorical	II		
	The college won the “Rolling Shield” for Winning maximum points in the inter collegiate competition held at Shrimathi Indira Gandhi College Trichy				
	1	Tamil Kavidhai	I	CTN TV Independence Day Celebration Mannargudi.	
	2	Tamil Oratorical	Participation Certificate		
	1	Tamil Kavidhai	Certificate		
	2	Tamil Oratorical	Participation Certificate	Chidambaram Pillai College, Trichy.	
	1	Tamil Oratorical	Certificate		
	1	Tamil Essay	III (Rs.1000)		
	4	Thirupavai Recital Competitions	Participation Certificates and won the Prizes	Swamy Dayanandha College of Arts and Science, Manjakudi	
	1	Thirupavai Recital Competitions	I (Rs.500/-)		
	106	My Experiments with Truth	Participation Certificates	Gandhi Study Centre, Chennai	
	1	Tamil oratorical	I (Rs.5000)	MDMK District Level	
	1	Tamil oratorical	III (Rs.2000) Illam Sollarsu Award		

Table 5.27. Details of the Achievements in Sports and Games

Academic Year	No. of Students / Team Participated	Event	Level of Competitions	Prizes Received	Venue of the Competitions
2008-2009	1	Hockey	State Level	Participation	State Level Hockey Tournament Ariyallur
	1	Shot -Put	Inter collegiate	I Prize	ARC Viswanathan College Mayiladuthurai
	1	Kabbadi	University Tournament	Participation	
2009 –2010	1 (Represented Bharathidasan University, Tiruchirappali)	Basket Ball	All India Inter University Tournament	Participation	MG University Kottayam.
	1 (Represented Bharathidasan University, Tiruchirappali)	Kabbadi	Inter Collegiate Tournament	Participation	Annai College of Arts and Science Kumbakonam
	3 (Represented Bharathidasan University, Tiruchirappali)	Basket Ball	Inter Collegiate Tournament	Participation	Indra Gandhi College, Trichy
2010 -2011	1 (Represented Bharathidasan University, Tiruchirappali)	Kho-Kho	All India Inter University Tournament	Participation	Andra University Visagapattinam
	1 (Represented Bharathidasan University, Tiruchirappali)	Basket Ball	All India Inter University Tournament	Participation	Maharishi Dayananda Saraswathi University, Ajmer
	Team Participation	Volley Ball	University Inter Collegiate Tournament	Participation	AVC Art & Science College Mayiladuthurai
		Kho-Kho			Imayam Arts & Science College Thuraiyur
Basket Ball	Jamal Mohammed College, Trichy				
2011–2012	2 (Represented Bharathidasan University, Tiruchirappali)	Kho-Kho	Inter University Tournament	Participation	Pondicherry University Pondicherry
	1 (Represented Bharathidasan University, Tiruchirappali)	Basket Ball			Kannur Univeristy Kerala
	Team Participation	Kho-Kho	University Inter Collegiate Tournament	II prize	H.S.S. Raja's College Pudhukkottai
	1	Power Lifting	National Power Lifting Championship	Participation	India Power Lifting Federation Lucknow
	1	Weight Lifting	University Inter Collegiate Tournament	II prize (Power lifting 63 body weight category)	A.V.V.M. Sri Pushpam College Poondi
	Team Participation	Volley Ball	University Inter Collegiate Tournament	Participation	Imayam Arts & Science College Thuraiyur
	Team Participation	Basket Ball		Participation	J.J. College of Arts & Science Pudukkottai

Table 5.27. Details of the Achievements in Sports and Games

Academic Year	No. of Students / Team Participated	Event	Level of Competitions	Prizes Received	Venue of the Competitions
	1 (Represented Bharathidasan Univ. Tiruchirappali)	Basket Ball	Inter University Tournament	Participation	Annamalai University Chidambaram
	1 (Represented Bharathidasan Univ., Tiruchirappali)	Kho-Kho	Inter University Tournament	Participation	Calicut University Calicut
	1	Weight Lifting	Junior State Level Weight Lifting Competition	III prize	Junior State Level Weight Lifting Competition Coimbatore
	1	Weight Lifting	Senior State Level Weight Lifting Competition	III prize	Senior State Level Weight Lifting Competition Chennai
2012–2013	1 (Represented Bharathidasan Univ., Tiruchirappali)	Weight & Power Lifting	Bharathidasan University Inter Collegiate Tournament	I Prize in Power Lifting and II Prize in Weight Lifting category of 63	Annai Velankanni Arts & Science College Thanjavur.
	1	Chess	Bharathidasan Univ. Inter Collegiate Tournament	VI Prize	Bishop Heber College, Trichy
	1	Chess		VII Prize	
	Team Participation	Volley Ball	Bharathidasan University Inter Collegiate Tournament	Participation	A.V.C. College Mayiladuthurai
	Team Participation	Basket Ball			J.J. Arts & Science College, Pudukkottai
2013–2014	Team Participation	Kho-Kho	Bharathidasan Univ. Inter Collegiate Tournament	II Prize	H.S.S.Raja's College Pudukkottai
	3(Represented Bharathidasan Univ., Tiruchirappali)	Kho-Kho	Inter University Tournament	Participation	Mangalore University Karnadaka
	1	Weight Lifting	TamilNadu Weight Lifting Association	II Prize (Category of 69)	TamilNadu Weight Lifting Association Mannargudi
	1	Weight and Power Lifting	Bharathidasan University Inter Collegiate Tournament	I Prize in Power Lifting and II Prize in Weight Lifting category of 69 I Prize	Annai Velankanni Arts & Science College Thanjavur
	1	Chess	Cholamandalam Chess Tournament	Participation	Thiruthuraipoondi Chess club
	Team Participation	Volley ball Basket ball Badminton	Bharathidasan University Inter Collegiate Tournament	Participation	S.K.S. College Thirupandal J.J. College of Arts & Science Pudukkottai Anna University Trichy
	1	Weight Lifting	Women's Junior Wt. Lifting Championship	IV Prize	Women's Junior Wt Lifting Championship Gowhathi, Assam

Achievements by YRC

The YRC Club collected and donated an amount of Rs.7,800/- for the visually challenged people in the celebration of “**White Cane Day**” during the academic year 2012-2013, for which the YRC of the college was honoured with **silver category** award by the “**Indian Association for the Blind and Rehabilitation Centre**”.

Through YRC students participated in Elocution competition and won prizes (Table 5.28.)

Table 5.28. Details of the students achievements in Intercollegiate competition organized by YRC Thiruvarur District

Academic Years	No. of Students Participated	Name of the Competitions	Prizes received	Venue of the competitions
2013-2014	1	Tamil Speech	II	Nethaji Subashchandra bose College Thiruvarur
2014-2015	1	Tamil Speech	I	

Achievements by Rotaract

Rotary club of Mannargudi appreciated and recognized the Rotaract club of S.T.E.T Women’s College for their commitment of service to the society on 7-9-13 in the “Cancer Detection Camp-2013”.

- **Consumer Citizen Club** of College executed and entered Memorandum of Understanding with CSC National Skill Development corporation (NSDC). It trained the students in ‘Retail Management’ under the STAR project. This programme provided skill development, monetary benefit and enhanced the employability of the students
- Through Consumer citizen Club students participated in various competition and won prizes (Table 5.29.)
- **Department of Chemistry** organized ACT-Concept Test in Chemistry in which 74 students participated and received participation certificates

Table 5.29. Details of Achievements of the students of Consumer Citizen Club

Academic Year	No. of Students Participated	Prizes received in the Competitions			Oranization of the competitions
		Essay	Elocution	Kavithai	
2010-2011	2	III	—	III	Thiruvarur District
2011-2012	1	—	II	—	Tamilnadu “Consumer
2013-2014	2	I	—	II	production Centre”

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

The College collects information through structured questionnaire. The feedbacks provided by the employed alumni, employers, and parents on the infrastructure, library, laboratory facilities and teaching and learning facilities of the college and their suggestions help to improve the performance and quality of the provisions.

On the basis of feedback the institution has made the following provisions

- Number of buses have been increased
- Safe drinking water facility has been increased
- Communication skill classes extended to Final year PG Students
- Mosquito control fogging machine fitted in a vehicle has been provided
- ‘Karate’ class has been started for self defense
- Music instruments have been purchased and music classes have been started
- Frequency of internship programme has been increased and extended to all the departments wherever necessary
- English novels by various authors, fairytales and moral fables have been added to the library

5.3.4. How does the College involve and encourage students to publish materials like catalogues, wall magazines, college magazine, and other material? List the publications / materials brought out by the students during the previous four academic sessions.

The college involves and encourages publication of newsletters and other magazines by the students and members of staff

- Students are also encouraged to publish their research articles in the international journal published by the institution
- The students of science, humanities and language departments publish half yearly newsletters viz., **ThelluThamizh** (Tamil) , **Damsels’ views**(English), **Path finder** (Economics), **Espousal** (BBA), **Nexus** (Commerce), **Aryabhata** (Mathematics), **CSLILO** (Computer Science), **Wings** (science Departments), **The First step** (MBA) and **CAN** (MCA)
- Students contribute articles of different nature to the College Magazine (Table 5.30.)

Table 5.30. Details of articles contributed by the students to the college magazine.

S.No.	Academic Years	Articles			Drawings	Total Numbers
		Tamil	English	Science		
1	2009-2010	37	29	25	28	119
2	2010-2011	28	18	19	21	86
3	2011-2012	31	27	21	26	105
4	2012-2013	39	23	25	31	118
5	2013-2014	30	13	40	53	136

5.3.5. Does the College have a Student Council or any similar body? Give details on its selection, constitution, activities and funding.

Yes. There is a Student Council in the College, consisting of President, Vice President, Secretary, Fine arts Secretary, Sports Secretary and NSS Secretary.

Selection process

- At the beginning of the academic year, Principal collects the list of the students from the Head of the Departments to be nominated as Office Bearers for the Student Council

- The performance of the nominated students in the examinations, involvement in extracurricular activities and their behaviors are assessed by the Principal with the help of staff in charge and the head of the departments. The student council is constituted on the basis of such assessment and merit
- The Student Council is inducted in the month of August of every year (Table 5.31.)

Activities

- Student Council members organize meetings/ functions of the College
- Compering is done by them during the functions
- They assist the coordinator in enrolling the students for various competitions and sports activities
- Students' Council members also conduct meetings of the representatives every month to collect information from them and communicate the same along with the needs of the students to the Principal for necessary action. They help in the speedy implementation of the needs

Table 5.31. List of the office bearers of the College Student Council

Academic Years	Name of the Student	Class	Position
2010 – 2011	G.Aarthiga	III B.Com.	President
	B.Meena	II Chemistry	Vice- President
	S.Sangeetha	III B.B.A.	N.S.S. Secretary
	N.Benazin Begam	III Microbiology	Secretary
	S.Ashika farvin	III Computer Science	Fine Arts Secretary
	K.Selvamani	III Physics	Sports Secretary
2011 – 2012	B.Saliha Irfana	III Mathematics	President
	J.Karpagam	III Physics	Secretary
	K.Ananthi	III Microbiology	Vice- President
	V.Vidhya	III Computer Science	N.S.S. Secretary
	R.Kirthana	III B.Com.	Sports Secretary
	D.Nidhya	III Computer Science	Fine Arts Secretary
2012 – 2013	M.Roqayyah Farheen	III Nutrition & Dietetics	President
	C.Keerthana	III B.Com.	Secretary
	S.Sivaranjani	II Biochemistry	Vice- President
	V.Ramya	III Computer Science	N.S.S. Secretary
	S.Sadhana	III Mathematics	Fine Arts Secretary
	S.Sivamala	III B.Com.	Sports Secretary
2013 – 2014	M.A. Shafika	III B.A. English	President
	C.Pradeepa	III Biochemistry	Secretary
	S.Priyanka	II Chemistry	Vice- President
	A.Infant Jenshiya	III Physics	N.S.S. Secretary
	M.B.Roshan Shafika	III B.Com.	Fine Arts Secretary
	P.Priyanka	III Mathematics	Sports Secretary

Academic Years	Name of the Student	Class	Position
2014-2015	D.Deborah	III Bio Chemistry	President
	S.Keerthika	III Microbiology	Secretary
	N.Suseethra	II B.B.A “B”	Vice- President
	N.Aarthi	III English	N.S.S. Secretary
	K.Gayathri	III Physics	Fine Arts Secretary
	N.Vaidagi	III B.B.A “C”	Sports Secretary

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

The college has 13 administrative bodies functioning with student representatives (Table 5.32.)

Table 5.32. Details of academic and administrative bodies functioning with student representatives.

S.No.	Administrative Bodies
1	Grievance Redressal Cell
2	Library Committee
3	Entrepreneurship Development Cell
4	Committee for differently abled persons
5	Consumer Citizen Club
6	Counselling Cell
7	Hostel Committee
8	Fine Arts Association
9	Discipline Committee
10	Transport Committee
11	Sports Committee
12	Anti-Ragging Committee
13	Magazine Committee

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

Departments maintain contacts with their alumnae and collect feedbacks on the curriculum, their campus life and placement. Former faculties are invited as resource persons for various Association meetings and as guests for College functions. The alumni also supports the students by way of providing the information regarding the higher education facilities, employment opportunities, helping to get accommodation in new places as and when the need arise and provide scholarships for the meritorious students.

Any other information regarding student support and progression which the college would like to include

Self defense (UG I & II year students)

- In view of frequent gender crimes occurring every day, self defense of the women is the prime need of the hour. Hence Karate classes are conducted as a measure of self defense among the students. The training is given by professional masters

Accident Health Insurance to all students

- Student safety insurance through the United India Insurance Company Ltd. has been arranged since 17.03.2014.(Table 5.33.)
- Since the extended benefit was comparatively more in the current scheme than the previous scheme the current one has been adopted(Table 5.33. & 5.34.)
- Benefits of the scheme
 1. Personal accident covers for students
 2. Personal accident covers for one earning parent
 3. Medical expenses and hospitalization coverage only for students

Table : 5.33.Accident Group Insurance Plan implemented

Academic Year	No. of students insured	Amount insured per student in Rs.	Total Amount Rs.
2008 – 2009	2998	Rs.20/-	59,960
2009 – 2010	3304	Rs.25/-	82,600
2010 – 2011	3540	Rs.25/-	88,500
2011 – 2012	3832	Rs.25/-	95,800
2012 – 2013	3948	Rs.25/-	98,700

Table: 5.34. Student safety insurance plan

Academic Year	No. of students insured	Amount insured per student in Rs.	Total Amount Rs.
2013-2014	2423	Rs.80/-	1,93,840

‘WECAN’ is a scheme by which economically deserving students in the hostel are selected and are assigned responsibilities in “Clean Campus Drive”, libraries and secretarial assistance relating to curricular and extracurricular activities or any other work. They are monetarily compensated for the service.

In the academic year 2014-2015, twelve students were selected to maintain “Clean Campus Drive” and the monetary compensation for them is rupees 1000 per month.

Criterion - VI

Governance, Leadership and Management

6.1. Institutional Vision

6.1.1. State the vision and mission of the Institution and enumerate on how the mission statement defines the institution's distinctive characteristics in terms of addressing the needs of the society, the students it seeks to serve, institution's traditions and value orientations, vision for the future, etc.?

Vision

To blossom into a Centre of Excellence in Higher Education and Research, targeting the women students of the downtrodden and economically weaker section of the society, so as to enlighten, empower and make them instrumental in creating a par excellent society.

Mission

- **Creating an academic environment by providing modern infrastructure facilities and current advancement in humanities, science and technology**
- **Providing not only quality education but also inculcating discipline and moral values**

b) Distinctive characteristics of the institution

Higher education to women is relatively accessible in towns and cities. But colleges offering higher education are conspicuously less in the rural areas such as Sundarakkottai, a village of Thiruvarur district, TamilNadu. The first mission statement emphasizes the need of a conducive academic environment and infrastructure to the rural poor women students especially to those of socially and economically backward classes of the society. The village, Sundarakkottai where the institution situated, is surrounded by many villages which are rural and socially and economically backward, and the basic occupation is agriculture. Their per capita income is comparatively less than other sections of the society and offering higher education to their wards, especially to women children, is beyond their reach. The institution STET with the philanthropic management helps the parents in providing higher education to their wards with less tuition fee and transport facility to all interior villages.

A preliminary survey, reveals that after the inception of the institution more than 50% of the girls have acquired higher education almost in all neighbouring villages. Indeed, it is a matter of pride that the institution has achieved the vision of making the women folk in this rural areas academically sound and knowledgeable. The College thus caters to the needs of the nation, by serving rural women. To offer quality education and to adopt current advances in humanities, science and technology, the college provides reference books, journals, internet and NPTEL resources to teachers and students.

c) Vision for the future

The College is blossoming into an institution with potential growth and the achievable vision for the future is to make the institution as a centre of Excellence in higher education

for women and ultimately to attain the status of Deemed University. All the departments of the College will be elevated as Research Centers to serve exclusively for the women students. Research activities are to be streamlined to make them socially relevant and application oriented. Emphasis will be given to “lab to land” practices. Research activities will be channelised towards institution – industry – society partnership. Placements in private and public organization will be made in the years to large and they will be contributing to the economic development of the nation.

6.1.2. What is the role of Top Management, Principal and Faculty in design and implementation of its quality policy and plans?

Top management discusses different aspects of the quality policy in the Management Council and suggests guidelines for inclusion and implementation. In designing the quality policy, the principal seeks the opinion of the members of the staff through HODs of respective departments, after discussion in the staff council presents the same to the top management. Management Council analyses the relevance of the components of the quality policy by the principal and suggests modifications or grants approval. The principal follows the guidelines of the management council and directs the faculty to evolve strategic plans for implementation. The faculties are the ultimate executors of the quality policy. The quality policy encompasses quality in teaching and learning process, imparting self confidence, enhancing employability and leadership qualities, through value added education and moral values.

6.1.3. What is the involvement of the leadership in ensuring?

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

The Principal, being at the helm of affairs, makes the faculty to be aware of vision and mission and device action plans in consultation with the staff council and IQAC.

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

Staff council with the principal as the head of the institution discusses action plans so as to synchronise with the institution’s vision and mission. Formative evaluation components (CIA), sports activities, cultural programmes, extension programmes and other part V activities are phased out and executed strictly adhering to the time schedule.

Interaction with stakeholders

Principal interacts with students, alumnae, parents, subject experts and industry through questionnaires/feedbacks with the help of faculties. Members of the staff and students have chance to interact frequently. Interaction of the principal with the stakeholders ensures participative planning.

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

Feedbacks from the stakeholders are analyzed by IQAC/ Staff council with emphasis on need based analysis. The head of the institution executes the action plan to enhance the quality of curriculum, faculties, teaching learning process, taking into consideration the needs of the society.

Reinforcing the culture of excellence

Curricular, co-curricular, extracurricular and extension activities of the institution aim always at excellence and the achievers are not allowed to rest on their laurels. Excellence is reinforced every time for further achievement.

Champion organizational change

Leadership qualities of the members of the staff and students are identified and nurtured by involving their active participation and by assigning them with designation such as NSS programme officers, Co-ordinators and faculty in-charge of various committees and programmes for a specific period of time, in order to provide such opportunities to all members of the staff. The students are provided with the opportunity to develop their leadership quality and to enhance excellence in their selected field by to organize meeting, to develop compering skills, to programme and participate in sports meets, etc.

- Principal and head of departments frame policies with the objective of fulfillment of the stated mission
- Staff Council with the Principal as the head discusses and evolve action plans so as to synchronise with the institution's strategic plan
- Principal interacts with the stakeholders with the help of faculties through feedback questionnaires and occasional meetings
- Stakeholders' feedbacks are analysed and actions are taken by the head of the institution for enhancing the quality of the curriculum, faculties, teaching- learning processes, etc
- Institution always aims at achieving excellence in higher education, through the performance of faculties and students and in developing leadership qualities

6.1.4. What are the procedures adopted by the institution to monitor and evaluate policies and plans of the institution for effective implementation and improvement from time to time?

Principal/Head of Departments are the coordinating links in imparting education to the students in the College. Organizational changes in academic / co-curricular/extracurricular activities are introduced for performance. Quarterly meetings of IQAC are convened for planning effective improvements in the functioning of the system. Principal collects the feedback on the effective implementation of the plans of the institution from the students / council of students representatives, HODs which result in improvement from time to time. Principal take care to see the implementation of the strategic action plan is not static but dynamic.

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

The leadership is provided to faculty by virtue of their seniority and qualification such as Principal, HODs and programme officers/coordinators of various bodies. The top management (Management Council) identifies and recognizes the leadership qualities of the teachers by designating them as Vice Principals, Heads of the Departments, Directors (MBA & MCA), etc, using different yardsticks of evaluation.

6.1.6. How does the College groom leadership at various levels?

Principal as the Head of the institution, co–ordinates/orchestrates all the departments and functions as the decision–maker at the macro level. Head of the Departments lead the respective departments and manage staff and students. Student office bearers comprising student president, vice president and secretaries of sports and other part V activities, organize and conduct meetings and functions. Head of the Departments are given the responsibility of preparing the list of candidates selected for admission for both UG and PG as per norms.

6.1.7. How does the College delegate authority and provide operational autonomy to the departments / units of the institution and work towards decentralized governance system?

To the Head of departments, Co-ordinators/faculties-in-charge of various committees the management delegates and powers for taking decisions on the purchase of requirements

- a) framing of time table,
- b) allotment of subjects and hours to staff ,
- c) selection and admissions of students,
- d) conduct of seminars / workshops and
- e) selection of staff

The system thus works towards decentralized governmenace.

6.1.8. Does the College promote a culture of participative management? If ‘yes’, indicate the levels of participative management.

The Managing Trustee of the institution is not only shouldering the responsibility of the management but also actively involved in teaching and research and thus participates in the academic transaction of the institution. Principal is a member of the Board of Trustees and the Management Council of the College, besides being the administrative and academic head of the institution. Two senior faculties are also members of the Management Council. Principal with these two senior faculties, participate in the decision making process of the Management. Head of departments express their opinions in the Staff Council while faculty members present their views in the departmental meetings. Views of the faculty and Heads are discussed in staff council and later in the management council. Thus, a culture of participative management is promoted from the bottom - up.

6.2. Strategy development and Deployment

6.2.1. Does the Institution have a formally stated quality policy? How is it developed, driven, deployed and reviewed?

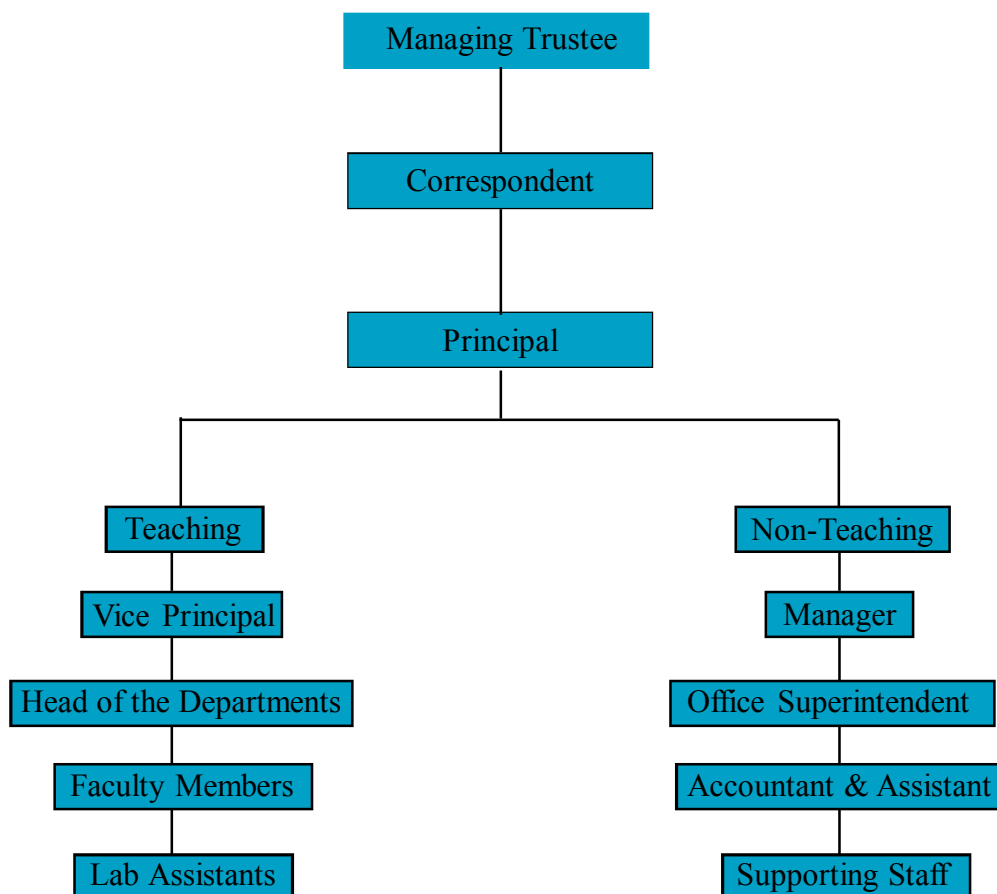
As per the stated quality policy of the institution the women students are provided not only with qualitative teaching and learning process but are also given importance in developing communication skills, value added education, enhancing the employability, etc. Improved infrastructure, library facility, PG Programmes in all the disciplines and research programmes in some departments are the measures developed and deployed with yearly review for further improvement in quality policy.

6.2.2. Does the Institute have a perspective plan for development? If so, give the aspects considered for inclusion in the plan.

Perspective plan of the College includes aspects such as introduction of new programmes, development of required infrastructure, skill development, purchase of equipments, increase of e-learning resources, modernization of labs and increasing facilities for students such as hostel amenities and additions of transport facilities and plans for achievements in co-curricular and extra curricular fields.

6.2.3. Describe the internal organizational structure and decision making processes.

The Managing Council of the College consists of the Managing Trustee, Correspondent, Principal and two senior staff members. Budget proposals, resolutions of IQAC and other developmental proposals are placed in the Management Council by the Principal. Decisions made are passed on to the HODs and other faculties for effective implementation.



6.2.4. Give a broad description of the quality improvement strategies of the institution for each of the following

Table 6.1. Quality improvement strategies of the institution.

Teaching & Learning	ICT enabled teaching methods; workshops to train faculties in e-content development; use of e-learning resources from NPTEL, NME-ICT; membership in INFLIBNET/N-LIST to facilitate e-learning; lab facilities; procurement of books with multiple copies as prescribed in the syllabus with multiple copies. Smart class rooms, projects and visit to field, laboratories, industries and research institutes.
Research& Development	Elevation of 4 departments to offer M.Phil and 3 departments to offer Ph.D. programmes; provision of lab equipments; encouraging staff to do Ph.D. and inviting eminent researchers to give talks; subscribing to research journals including online journals, publishing an International Research Journal (Scientific Transactions in Environment and Technovation) since 2007. Faculties are encouraged to apply for major / minor projects
Community Management	Adhering to the principle of “lab to land”, soil of farmers’ are tested and biofertilizers are supplied, besides many society oriented extension activities
HR Management	Recruitment as per the requirements; efforts to retain staff to lessen the rate of turnover. Faculty development programmes motivation to carry on research, adoption of ICT enabled teaching process to enhance the qualities of the faculties
Industry Interaction	MoUs are signed for industry - institution collaboration to facilitate training, internship, recruitment, curriculum development

6.2.5. How does the Head of the institution ensure that adequate information (from feedback and personal contacts etc.) is available for the top management and the stakeholders, to review the activities of the institution?

The Managing Trustee himself acts as one of the faculty members and hence he gets first hand information from the stakeholders. Besides, Principal, as a member of the Trust and of the Management Council, keeps the top management informed of the stakeholders feedbacks so as to review and reform the activities of the institution, and on the appraisal of the Principal, the top management reviews the activities and takes steps to appreciate and redress the grievances, if any.

6.2.6. How does the management encourage and support involvement of the staff in improving the effectiveness and efficiency of the institutional processes?

Members of the staff are supported and honoured for their respective roles at the college functions such as College Day, Founder's Day, Sports Day and Graduation Day. The participatory mechanism is encouraged by the Management, in general. Management encourages staff members in all the processes of improving the efficiency of the institution's functioning and provides financial support to participate in the orientation programmes, seminars, etc. in other institutions. Academic freedom is enjoyed by the faculties. Financial support is also extended to meet out the expenses relating to Sports Day, Fine Arts celebrations, College Day and Graduation Day.

6.2.7. Enumerate the resolutions made by the Management Council in the last year and the status of implementation of such resolutions.

Table 6.2. Resolutions of the Management Council and the status of implementation – 2013-14.

S. No.	Resolution	Status of implementation
1.	Resolved to sanction an incentive of Rs.1,500/- to the Ph.D. holders and Rs.1,000/- for the SET/NET qualified faculty members per month	Implemented
2.	Resolved to give an incentive of Rs.500 per month for senior staff members with more than 10 years of service	Implemented
3.	Resolved to sanction an incentive of Rs.250 per month to office staff and other supporting staff after 10 years of service	Implemented
4.	Resolved to provide allowance of Rs.500 per month to the bus drivers	Implemented
5.	Resolved to file letter of intent for NAAC accreditation	Implemented
6.	Resolved to request the Correspondent and Principal to arrange NAAC Steering Committee meeting and submit the details to the Managing Trustee, then and there	Implemented
7.	Resolved to request the Managing Trustee to arrange to construct I floor over the existing library	Nearing completion
8.	Resolved to install solar energy system	Implemented
9.	Resolved to request Principal and Correspondent to arrange to conduct Sports Day and to celebrate College Day as in earlier years	Implemented
10.	Resolved to request the Principal to take measures to start M.A. English Programme in the College from 2014-15	Implemented

6.2.8. Does the affiliating University make a provision for according the status of autonomy to an affiliated institution? If ‘yes’, what are the efforts made by the institution in obtaining autonomy?

Yes, there is provision to accord the status of autonomy to the affiliated institutions. The institution will consider applying for the status of autonomy after accreditation as the accreditation is a precondition to apply for autonomy.

6.2.9. How does the Institution ensure that grievances / complaints are promptly attended to and resolved effectively? Is there a mechanism to analyze the nature of grievances for promoting better stakeholder relationship?

Grievance Redressal Cell attends to the complaints and take ameliorative measures. A Complaint box and Complaint registers are kept in the College office to enable staff members and students to register their complaints.

6.2.10. During the last four years, had there been any instances of court cases filed by and against the institute? Provide details on the issues and decisions of the courts on these?

NIL

6.2.11. Does the Institution have a mechanism for analyzing student feedback on institutional performance? If ‘yes’, what was the outcome and response of the institution to such an effort?

Feedback is sought from the outgoing students so as to get the right information regarding the infrastructure facilities, class room teaching, freedom of expression, opportunity to use resources, etc. The institution collects feedbacks from the students at the exit level to elicit their opinions on institutional performance. The students have by and large expressed satisfaction over the performance of the institution. Some of the suggestion made as feedbacks such as expansion of area in the library multiple copies of textbooks additional rooms in hostels, etc, have been implemented. Managing Trustee collects the opinions from the students occasionally.

6.3. Faculty Empowerment strategies

6.3.1. What are the efforts made by the institution to enhance the professional development of its teaching and non teaching staff?

Faculty Development programmes and motivation of the faculties to qualify SLET/ NET exams and obtain Ph.D. by providing them with incentives, enhance the professional development of the teaching staff. Faculty development programme is held every year. Training is given to selected faculties of each department to develop e-content development for their respective courses. They are also motivated to apply for major and minor projects. Use of smart class room, NPTEL resources in teaching and preparation of glossary also enhance the professional development of teaching. Training for using the computers in the office is provided to non-teaching staff.

6.3.2. What are the strategies adopted by the institution for faculty empowerment through training, retraining and motivating the employees for the roles and responsibility they perform?

Faculty development measures, cordial treatment by the management and recognition of the efforts put forth by the faculties motivate the faculties to give better performance. The

faculty members are also motivated to participate in the refresher courses, orientation courses, and conferences/seminars/workshops. Sound knowledge in the subject infuses confidence in the minds of the teachers and the confidence empowers the teachers.

6.3.3. Provide details on the performance appraisal system of the staff to evaluate and ensure that information on multiple activities is appropriately captured and considered for better appraisal.

Evaluation of teachers of all the departments by the students is collected from all the classes, using a structured questionnaire to draw information on the multiple activities of the faculty. Moreover, teachers are also evaluated by Head of departments, the Principal and by external peers invited from the Universities and other colleges, besides self appraisal.

Performance appraisal also includes evaluation of the multiple activities of the staff including co- and extra curricular activities and their role in extension service, consultancies service, etc which has been duly conveyed to the member of the staff.

6.3.4. What is the outcome of the review of the performance appraisal reports by the management and the major decisions taken? How are they communicated to the appropriate stakeholders?

Outcomes of performance appraisal of the faculties are reviewed by the Principal and the Management.

The lacunae in the performance of members of staff as found in the students feedback were duly conveyed to the respective teachers. Management, after its appraisals advises the concerned teachers and motivate them towards further achievements. The best teachers who exhibited their role in multiple activities were duly recognize and rewarded.

6.3.5. What are the welfare schemes available for teaching and non teaching staff? What percentage of staff have availed the benefit of such schemes in the last four years?

The College has implemented contributory provident fund scheme where management also contributes its share for all the employees of the institution. Loan facilities from the institution and repayment in easy EMIS, free transport, maternity leave for two months with pay and extension of leave without pay if needed are also provided. Free food in the hostel (Breakfast, lunch), festival gift and advance are given to the college bus drivers.

6.3.6. What are the measures taken by the Institution for attracting and retaining eminent faculty?

Staff welfare schemes and incentives for the successful completion of SLET/NET or conferment of Ph.D. degree, holidays as per college calendar and freedom to carry out the assigned work make the teachers to continue their services in the college. Free transport, maternity leave for two months with pay and permission to stay in the hostel are the other facilities of attraction and retention of the faculties.

6.4. Financial Management and Resources

6.4.1. What is the institutional mechanism to monitor effective and efficient use of available financial resources?

Finance Committee with office Superintendent, a senior assistant in the office two senior faculties and the Principal as the Convener, reviews the annual income and expenditure.

Excess expenditure on any head is brought to the notice of the Managing Trustee and prior sanction of the Managing Trustee is obtained for the proposed expenses.

6.4.2. What are the institutional mechanisms for internal and external audit? When was the last audit done and what are the major audit objections? Provide the details on compliance.

The Correspondent of the College scrutinizes the accounts and verifies the cash book every day. The internal audit of the institution is done by MMS Associates, Auditors, Mannargudi and the external audit is done by A.Krishnamoorthy & Co, Chartered Accountants, Chennai. The last audit was done in April 2013 and there was no audit objection.

6.4.3. What are the major sources of institutional receipts/funding and how is the deficit managed? Provide audited income and expenditure statement of academic and administrative activities of the previous four years and the reserve fund/corpus available with the Institution, if any.

The College is a self-financing institution. Major sources of receipt are the tuition and lab fees collection and the deficit is managed by transfer of funds from the Trust (Table 6.3.)

Table 6.3 Statement of Academic income and expenditure of academic and administrative activities (2010 - 2014)

S. No.	Income	2010 -2011 Rs.	2011 -2012 Rs.	2012 -2013 Rs.	2013 -2014 Rs.
1.	College Fees Collection	2,80,53,945	3,54,08,535	3,42,46,965	3,68,71,480
2.	Bus Fees Collection	69,42,690	1,05,66,615	1,08,80,143	1,30,69,925
3.	Sale of Books	5,42,977	9,61,602	15,46,899	23,90,334
4.	Trust Income	7,33,825	6,34,095	6,83,565	7,69,065
5.	Sale of Application	4,33,945	1,86,200	1,62,170	1,57,900
6.	Fees Collection for Aluminee function	1,95,617	61,900		62,825
7.	Breakage amount Collection	7,19,460	9,70,823	3,71,008	8,16,529
8.	Convocation amount Collection	2,32,750	2,44,750	3,10,025	3,91,860
9.	Endowment fee collection	1,55,000	1,01,000		4000
10.	Fine amount collection	1,97,100	64,955	22,021	24,287
11.	course fee collection	1,03,500	13,04,820	1,57,600	7,905
12.	Bank Interest received	8,102	37,089	8,612	6,272
13.	Other receipts	1,52,900	2,93,135	4,03,741	5,37,817
	Total	3,84,71,811	5,08,35,519	4,87,92,749	5,51,10,199

S. No.	Expenditure	2010 -2011 Rs.	2011 -2012 Rs.	2012 -2013 Rs.	2013 -2014 Rs.
1.	College Staff Salary	1,50,35,186	1,60,73,507	1,88,77,802	2,02,52,568
2.	Bus Maintenance	85,25,872	1,03,16,702	1,38,42,307	1,44,82,684
3.	Driver, Cleaner Salary	19,29,685	23,11,979	28,73,220	32,88,505
4.	PF Contribution	17,08,277	16,42,127	17,77,972	17,91,217
5.	Printing & Stationery	6,07,839	8,54,591	6,42,154	8,37,154
6.	Books Purchase	5,39,879	9,99,560	20,57,142	20,48,575
7.	Advertisement charges	4,83,622	5,48,463	4,62,183	3,89,150
8.	Lighting & Electricity charges	6,91,867	7,50,537	6,93,421	14,44,776
9.	Seminar & Function Expenses	6,79,965	9,40,054	8,97,203	13,33,084
10.	Building Maintenance	28,27,901	44,61,060	22,35,532	1,45,277
11.	Computer Maintenance	8,53,464	12,50,000	8,58,800	1,84,707
12.	Postage & Bank charges	3,14,056	2,32,960	1,88,042	33,930
13.	University related expenses(AICTE, etc.,)	7,99,185	11,11,325	8,08,385	8,46,391
14.	Fuel & Freight charges	1,91,316	2,62,171	1,34,006	2,00,109
15.	Garden Maintenance	2,12,746	2,39,685	72,336	1,42,830
16.	Cleaning & Maintenance	1,65,622	2,71,808	3,17,866	4,15,357
17.	Telephone & Internet charges	1,28,666	7,55,758	10,81,039	11,86,735
18.	Tax Expenses	25,22,400	21,40,510	9,48,115	10,09,583
19.	Hostel Expenses	1,20,944	2,81,578	3,88,180	96,895
20.	Fees & Deposit Refund	40,100	1,25,800	75,250	1,46,000
21.	Donation	2,17,606	1,63,590	1,23,538	1,49,291
22.	Vehicle Maintenance	2,29,758	4,77,832	1,86,118	1,95,593
23.	Trust Staff Salary	77,820	2,25,170	1,61,050	15,000
24.	Pooja Expenses	1,75,031	2,53,587	2,45,476	3,27,949
25.	Sundries & Supplies	7,14,870	10,28,532	3,39,143	6,94,679
26.	Depreciation	49,82,485	42,37,688	39,42,510	79,61,585
27.	Office Maintenance	1,21,525	2,22,250	2,16,769	4,90,860
28.	Generator Maintenance	1,85,540	1,65,363	2,95,441	2,30,092
	Total	4,50,83,277	5,23,44,187	5,47,41,000	6,03,40,576

6.4.4. Give details on the efforts made by the institution in securing additional funding and the utilization of the same (if any).

Major research proposals have been submitted to the funding agencies for research grants. Services of experienced faculties will be utilized for getting consultancy income and to will be ploughed back for college development activities.

6.5. Internal Quality Assurance System.

6.5.1. Internal Quality Assurance Cell (IQAC)

a) Has the institution established an Internal Quality Assurance Cell (IQAC)? If ‘yes’, what is the institutional policy with regard to quality assurance and how has it contributed in institutionalizing the quality assurance processes?

Quality enhancement is achieved by the efforts taken by IQAC. IQAC plans (a) provision for additional infrastructure (Class room/Lab/additions to library stock) required in accordance with new courses/additional sections, (b) building research facilities, (c) conduct of seminars/expert lectures, (d) enhancing teaching expertise of the faculties, (e) imparting moral values to the students, and (f) offering facilities to attain proficiency in sports and games, fine arts etc, and (g) improving students welfare measures.

IQAC offers guidance to the staff to submit proposals for funds to the funding agencies. It also promotes ICT enabled teaching. Resolutions of IQAC are passed on to the Management for approval. Once approved, the execution is the responsibility of the Staff Council and faculty members. The College/institutionalizes its quality assurance policy through the planning and execution of the above aspects every year.

b) How many decisions of the IQAC have been approved by the management / authorities for implementation and how many of them were actually implemented?

Almost all decisions of IQAC related to the quality assurance have been approved by the Management. All approved decisions have also been implemented.

c) Does the IQAC have external members on its committee? If so, mention any significant contribution made by them.

There are three external members in the IQAC of the institution.

1. Dr. G. Archunan,
Professor & Head
Department of Animal Science
Bharathidasan University, Trichy

2. Dr. A. Panneerselvam
Head, Department of Botany
A.V.V. M. Pushpam College, Poondi
Thanjavur District

3. Dr.J.Pandiyan
Assistant Professor of Zoology
AVC College (Autonomous)
Mannampandal – 609 305
Mayiladuthurai

The external members of IQAC suggested the following aspects for quality improvement. Contact of value – added programmes, (i). Apiculture, (ii) mushroom culture, (iii). Composting and (iv). Vermi composting, which have been duly implemented through “Biominin” research laboratory.

d) How do students and alumni contribute to the effective functioning of the IQAC?

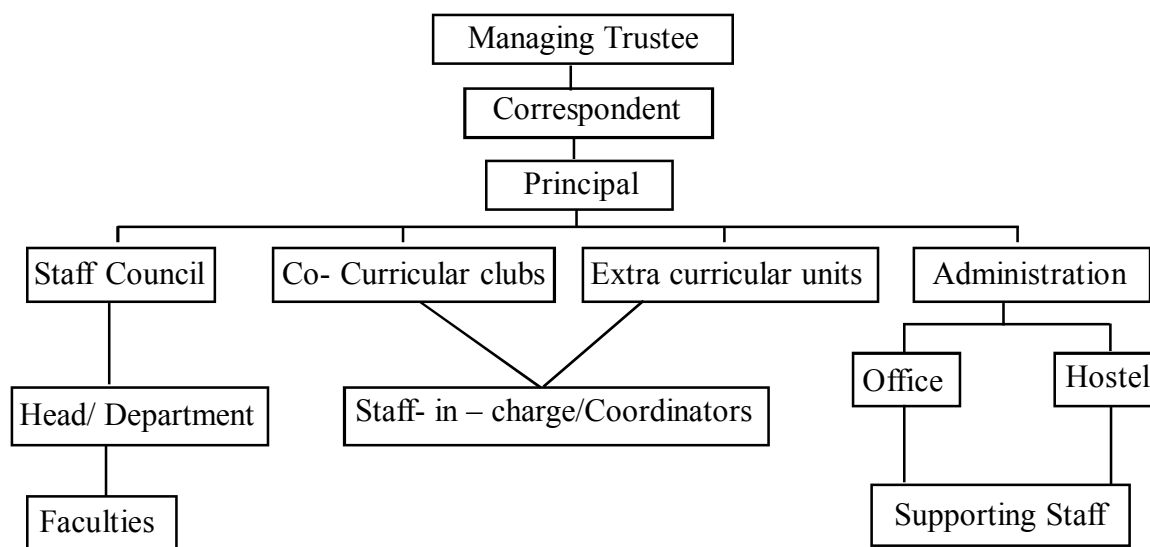
Students and alumnae give their opinions for the improvement of the curriculum, and teaching – learning processes through their feedbacks. Some of the faculty members in emerging disciplines such as Biochemistry, Computer Science, Microbiology, Nutrition & Dietetics and in conventional disciplines such as Business Administration, Commerce, Mathematics, etc. are alumnae of this institution. Through their services, they also constitute to the effective functioning of the IQAC.

e) How does the IQAC communicate and engage staff from different constituents of the institution?

Principal, Head of the Departments are being members of IQAC and the faculties as members of various committees are engaged in planning and implementing the directions of IQAC. Faculties and students express their suggestions for curriculum improvement, additions to the library and lab, etc to the IQAC, which are duly implemented.

6.5.2. Does the institution have an integrated framework for quality assurance of the academic and administrative activities? If ‘yes’, give details on its operationalisation.

There are various segments in the functioning of the College such as academic, sports and games, fine arts and other extracurricular and co curricular organisations. Heads of departments/ faculties’ in-charge ensure quality assurance by discharging their duties. Head of the institution in turn integrates/co-ordinates the teaching and administrative wings of the College.



6.5.3. Does the institution provide training to its staff for effective implementation of the quality assurance procedures? If ‘yes’, give details enumerating its impact.

The institution took efforts in arranging programmes for faculties for effective implementation of quality assurance policies.

S.No.	Date	Topic	Resource Person(s)
1	08.12.2012	Innovative Methods in Teaching and Learning Process	1.D.E.Ramganes, Director, Council for College and Curriculum Development Bharathidasan University, Tiruchirappalli 2.Dr.M.P.Ananthbadmanabhan, Academic Advisor, STET Women’s College, Sundarakkottai, Mannargudi.
			3.Dr.M.V.Srinath, Director, Department of MCA, STET Women’s College, Sundarakkottai, Mannargudi.
2	11.06.2013 - 13.06.2013	Instructional Design for e-Content Development	Dr.V.P.Shivakumar, Former Professor & Head, Department of Educational Technology & Multimedia, NITTTR, Tharamani, Chennai.
3	14.07.2014	How to use NPTEL Resources	Dr.M.V.Srinath, Director, Department of MCA, STET Women’s College, Sundarakkottai, Mannargudi.
4		Projects & Proposal Writing	Dr.A.Panneerselvam, Associate Professor & Head, Department of Botany & Microbiology, A.V.V.M. Sri Pushpam College (Auto.), Thanjavur.

The faculties have been enlightened by such training programmes and each department has prepared e-content for topics of different courses. Relevant course materials were sorted out by staff members from NPTEL resources. In general, wider use of ICT enabled teaching-learning tools is the impact felt.

6.5.4. Does the institution undertake Academic Audit or other external review of the academic provisions? If ‘yes’, how are the outcomes used to improve the institutional activities?

Internal academic audit is carried out by the Staff Council which also takes stock of the requirements (infrastructures, faculty etc.) and performance of students in the university examination of each semester. A thorough analysis helps to identify the academically weaker students and raise their level of achievement. External audit of the institution takes place during the visit of Triennial Commissions, appointed by the parent University. The institution was subjected to external audit on 22.02.2005 and 06.01.2012. The university carries out academic audit at the time of introduction of new programmes. The inspection commission and review committee examined the infrastructure such as class room, adequacy of faculties, books/journals in the library. Remarks of external audit improves the infrastructure and the grey areas pointed out are rectified. Internal audit corrects the academic failures/raise the target to be achieved

6.5.5. How are the internal quality assurance mechanisms aligned with the requirements of the relevant external quality assurance agencies/regulatory authorities?

Affiliating University, All India Council for Technical Education and State Government are the external agencies and regulatory bodies. The norms/conditions specified by these bodies are strictly adhered to by the College. Evaluation of students, conduct of exams and fulfilling conditions for affiliation as specified by the University, and its bodies are adhered to by the institution in the best possible manner. Thus, the internal quality assurance mechanism aligns with the requirements of the external agencies/regulatory authorities.

6.5.6. What institutional mechanisms are in place to continuously review the teaching learning process? Give details of its structure, methodologies of operations and outcome?

(i) Feedback from the students

The Principal obtains feedback on teaching and learning process from the class representatives and students. UGC designed proforma is used to collect students’ opinion on teachers performance.

(ii) Feedback from the HODs

HODs convey their opinions about teaching-learning process to the principal who also discusses opinions gathered from the students in HODs meetings.

(iii) The Principal

In addition to the above the Principal scrutinises the lesson plans, work done registers, marks obtained by students in CIA tests and consolidated CIA marks. Principal also reviews results of the students in the university examinations after each semester. Ameliorative measures such as remedial classes, applying for retotaling/revaluation to the university, training in answering to the university examinations of previous years are undertaken with the guidance from the faculties.

(iv) Feedback from Parents

The College sends marks scored by the students in CIA test and semester examination to the parents. If need be, the parents are called to meet the faculties/HODs. During their interactions, reviews/suggestions regarding teacher-learning process are also obtained.

(v) Students can register their complaints, if any, by using the suggestion box. Measures to redress the grievances are undertaken periodically. Complaints made on the system is closely monitored by the Management.

Such institutional mechanisms in vogue help to review the performance of the institution with positive outcome.

6.5.7. How does the institution communicate its quality assurance policies, mechanisms and outcomes to the various internal and external stakeholders?**Any other relevant information regarding Governance Leadership and Management which the College would like to include.**

Quality assurance policies are discussed in the IQAC, Staff Council and passed on to staff through the heads of departments. The students are also made aware of such policies in the classrooms/arranged meetings by the staff. Prospectus, College calendar/handbook, reports submitted to external bodies and brochures given to industrial units/recruiters /jobs providers, are the others ways adopted to communicate the institutions quality assurance policies to the external stake holders. The outcomes of quality assurance policies such as result/ranks, in the university examinations are published in the press media/exhibited in the college notice board.

Criterion - VII

Innovations and Best Practices

7.1. Environment Consciousness

7.1.1. Does the Institute conduct a Green Audit of its campus and facilities?

Yes. A committee has been constituted to monitor the built up of gaseous pollutants such as CO₂ and CO in the environment. The CO₂ and CO levels in the environment are determined by adopting the method of Trivedy et al. (1974).

The source of gaseous pollutants in this area is transport vehicles alone. The bus and other vehicles are maintained strictly adhering to the norms of pollution control. The minimum level of the pollutants is mitigated by the large number of plants developed in and around the campus.

The college campus is located in an unpolluted and lush green area surrounded by coconut plantation, paddy fields and orchards of mango, banana, gooseberry, etc. It is situated in an unpolluted area of scenic beauty.

7.1.2. What are the initiatives taken by the college to make the campus eco-friendly?

i) Energy conservation

To conserve energy, the institution takes many measures such as use of CFL bulbs in the college buildings and hostel buildings. As the institution has an open and green campus and the class rooms are well ventilated, aerated and with enough natural light, the use of electrical appliances is at its minimum. It is planned to have energy audit periodically.

ii) Use of renewable energy

The authorities are aware of the significance of using the alternative and renewable source of energy as a strategy towards energy conservation. The college has initiated installation of solar roof top power system of 20 KWp capacity at a cost of Rs.25 lakhs in the month of February 2014 and power generation commenced from the middle of March 2014. The main objective of setting up of Grid-Tie solar PV system is to produce electricity through solar PV system and to reduce EB electric power consumption. The system works during sun hours and the 20 KW SPV systems will generate about 80-100 units / day. Cooking, using steam is practiced in the hostel to minimize the use of non renewable energy sources such as firewood, coal, etc. and the institution is required to compulsorily use a minimum of 6% of their electricity consumption from solar power.

iii) Rain water harvesting

Rain water harvesting is practiced at more than one point in the campus.

- (a) Two wells of 25' depth collect surface rain water and from buildings nearby. During rainy days, water collected in the wells is made to percolate through 6" borewells of 200' depth.
- (b) A pond (35^m x 35^m) in the campus also collects rain water.
- (c) A tank (32^m x 30^m) situated nearer to the college gate collects and stores canal and rain water.
- (d) Roof top rain water harvesting system has been also established.

iv) Water recycling

A 9" pipeline carries an average of 35,000 liters of waste water per day generated due to washing and bathing, which is discharged into a constructed tank of 10'x8'x10' size with 3 more tanks of the same size connected with the first tank. Sediments settle at the bottom and the filtered water is treated chemically and the treated water is pumped to irrigate the coconut grove. The recycled water is used for the irrigation of coconut plantation and interestingly it was also found that the recycled water has improved the yield of coconut.

v) Plantation

Except building area, pathways, roads, playground, all other areas are covered by shady trees such as Mango, Neem, Pongamias, etc. The coverage of trees in the campus is nearly 90%. Extensive area of coconut, mango and bamboo groves add beauty to the campus. The plantations of the campus consist of scheduled trees, rare trees and common trees. Periodic weeding, ploughing and watering are carried out regularly. They minimize the built up of green house gases. A **tractor** and a **conoweeder** have been provided for this purpose.

vi) Solid waste Management

A team of sweepers clean the campus and collect the waste. Biodegradable waste is recycled and the compost is used as manure for plantation and gardens. The non-biodegradable waste is collected and transported to the panchayat dumping yard. A tractor with a trailer is exclusively engaged for solid waste transport.

Awareness regarding the 'polythene menace' has been created intensively. The college campus has been declared as "polythene free zone". None is permitted to bring polythene bags inside the campus.

The chemicals and other hazardous waste materials are neutralized before disposal.

7.2. Innovations

7.2.1. Give details of innovations introduced during the last four years which have created a positive impact on the functioning of the college.

(a) Intensive Bridge and Orientation courses

Bridge course is conducted to the students at the entry level to bridge the gap between the school and collegiate education. The orientation course helps them to understand the courses taught, the course content, formative evaluation system and its content and the summative evaluation.

(b) Subject dictionary (Glossary) by all departments

Each department has brought out glossary containing technical words / terms used in its discipline with meaning and explanations. The glossaries have been brought out in the printed form as books. Students of different disciplines have been provided with a copy of the glossary of their respective departments. The glossary helps the students at entry level to become familiar with technical terms and makes them to understand the subjects during the learning process.

(c) Question bank

University examination question paper carries questions of section A, B and C. Section A questions carry 2 mark each for one word answers / True or false / meaning / definition. The departments have prepared "Question Banks" for each course of all programmes. Students are

trained in answering the questions in CIA tests, which make them to perform well in the university examinations. Each department maintains university examination question papers of previous years.

(d) Diploma / Certificate programmes

The programme is to bridge the gap between knowledge provided in the college and employer's expected level of knowledge. Departments of Biochemistry, Computer Science, Microbiology and Nutrition & Dietetics offer such diploma / certificate programmes. A student with a diploma / certificate programme becomes a skilled student with enhanced employability.

(e) Vedic Mathematics

Students of Mathematics are taught Vedic Mathematics which contains a list of mental calculations techniques based on Vedas. The techniques enable faster calculations when compared to the conventional method. The programme is offered with TATA SKY DTH channel.

(f) ICT enabled teaching learning process

In order to expose the teachers and the taught to the modern educational technology, ICT enabled gadgets such as NPTEL resources, smart class room for each department have been provided.

(g) e-content

Electronically or technologically supported teaching and learning is the modern educational system. Teachers use e-contents available in open e-resources. They also prepare e-content modules for various courses in different programmes. ICT enabled teaching-learning process are practice smart class room facilities have also been provided.

(h) Centralized Instrumentation Facility

A centralized Instrumentation Facility has been established in order to make use of the sophisticated instruments optimally.

(i) Publication of Journal

An interdisciplinary journal entitled "Scientific Transactions in Environment and Technovation" is published. Seven volumes each with four issues have been realized

(j) Extension activities

Most of the departments discharge their social responsibility through extension activities. As these activities are subject oriented and they provide an opportunity to gain application of the subject learnt and facilitate experiential learning, the students are motivated to participate actively in this programmes.

(k) MOUs signed with companies / other organizations

Departments of Biochemistry, Computer Science, Computer Applications, MBA, Microbiology, Nutrition and Dietetics, Commerce, Economics and Chemistry have signed memorandum of understanding with industries. MoUs facilitate training, internship, project and placement. Exposure to industry offers work environment, hands-on-experience, team work and real time projects as industry – institution interface is a necessary ingredient in the learning process.

Best Practice – 1

1) Title of the Practice: Transportation service by the college

Institution operates 35 buses and 4 vans to motivate parents and their wards to have higher education.

2) Goal – Empowering Women

Providing higher education to rural (agricultural) and poor women students is the primary objective of starting this institution. Higher education to women is the only way to empower the family and also the society at large. Sundarakkottai village surrounded by many villages, had only one Government Arts and Science College (Co-education) in the area of 40 km. radius. So, opportunity of getting higher education, especially for most of the women students from economically weaker section of the agricultural society had been beyond their reach. But, it is an undeniable fact that the upliftment and economic growth of any society depend on empowering the women folk with higher education. With this objective, this institution was started and obviously, the goal has been achieved during the last two decades.

3) The context

The per capita income of the people of this area is very less that does not permit them to give higher education to their girl children. The income (basically agriculture) is not sufficient enough to meet out the expenses of hostel fee, college fee, transport, etc. Because of this fact the higher education to women children has not only been denied but also discouraged. At the time of inception of this institution, most of the villages did not have transport facility and the management rightly realized this as a major constraint in imparting higher education to girl students.

4) The Practice

In order to overcome this difficulty, the management decided to operate bus services to cover all the villages within a radius of 40Km. There are 35 buses and 4 vans plying through the cross sections of the villages and make the students to reach the college on time and also to return back home safely. Baring a few routes, the fare college bus is relatively less than the fares in the public / private transport. Infact, 2559 girls out of 3794 girls use the college bus every day. Undoubtedly, the transport services provided by the college have increased the ratio of women with higher education among the women folk of town and villages Sundarakkottai and neighbouring villages.

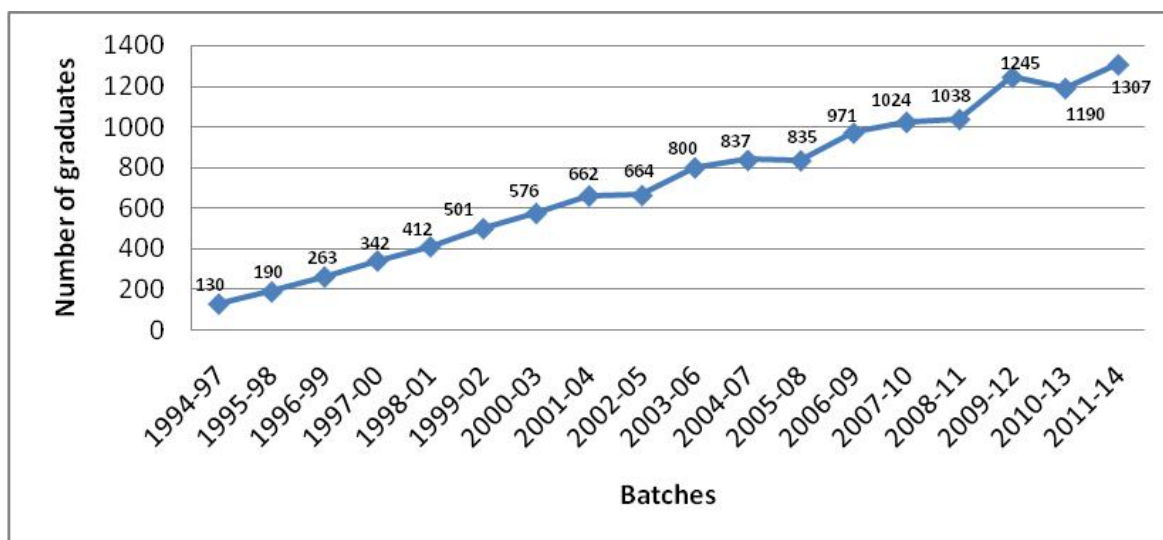
5) Evidence of Success

- (i) The college admission is almost equal to the permitted strength leaving no unutilized capacity in UG programmes - a success due to college bus service.
- (ii) The evidence of success is also reflected in the performance of the students in the university examinations - a pride for the institution as evidenced in the following table. It is also evident that 1307 women students have received degree (UG/PG) in one batch alone.
- (iii) The institution has achieved the primary goal of providing higher education to the women students of rural areas. Total number of graduates who left the portals of the institution since inception in 1994 till 2014 crosses 13000.

(i) 2014-2015

S.No.	Programme	Permitted Strength	No. of Admission	No. of seats vacant
1.	UG	1069	1060	9
2.	PG	406	329	77

S.No.	Number of students	UG2010-14	PG2012-14	Total
1.	Appeared for University examination	962	381	1348
2.	Passed	940	367	1307
3.	% of pass	98	97	-
4.	with University ranks	46	77	123

**6) Problem encountered and resources required**

- Loss in operating college buses / van recurring every year with escalating fuel prices and other costs
- Periodical revision of the college bus fare is a burden to the parents. Compensation of loss incurred may be substituted through the transport subsidy facility by the state government.

Though the institution is self financed in nature, the quantum of outcome to the society is enormous. So the grant in aid facility provided by UGC and other funding agencies may be extended to the self financed institutions, such as STET Women's College, also.

Though the lofty ideal of imparting higher education to rural women students is attained, operation of college transport is uneconomical – a constraint encountered every year by the management. The institution incurs cumulative loss of Rs.1,51,00,000 as a result of operating the bus service during the four years cited in the table.

Cost of operation of 35 buses & 4 vans (in Rs.)

Particulars	2010-11	2011-12	2012-13	2013-14
Bus / van Maintenance	1,06,85,315	1,31,06,513	1,69,01,645	1,61,66,282
Collection of Bus fees	69,42,690	1,05,66,615	1,08,80,143	1,33,69,925
Loss	37,42,625	25,39,898	60,21,502	27,96,357

7) Notes:- The transport facilities extended by the management undoubtedly motivate the women students to pursue their higher education.

8) Contact Details:

Name of the Principal	:	Dr S. Amudha		
Name of the Institution	:	S.T.E.T. Women's College, Sundarakkottai.		
City	:	Mannargudi	Pin Code	: 614016
Work Phone	:	04367 255423	Website	: www.stet.edu.in
Fax	:	04367 255423	e-Mail	: stet@stet.org.in

Best Practice – 2

1. Title of the practice

Providing modern ICT (Information and Communication Technology) enabled teaching and learning process to all the students of the college.

2. Goal

ICT enables the teaching and learning processes effective. It not only helps to enhance the existing knowledge but also helps to update with the day to day knowledge due to development in various spheres of science and technology. Providing an opportunity to the teachers and taught to get trained in using modern tools, technologies and ICT enabled education, so as to make them globally competent, is one of the goals of the institution.

As the institution is located in the rural area, most of the students hail from downtrodden community. When the cost of higher education itself is a major financial burden, access to modern ICT gadgets and acquiring the operational knowledge are beyond their reach. Hence, to make the goal achievable, the institution has made the access easy to he teachers and students.

3. The context

Though the broadband connection has been extended even to rural areas, the awareness and the skill of using such facilities is limited in the rural areas. Realizing this lacunae in higher education in the rural areas, this institution has established and extended the facility to all the teachers and students with the proper development of skill and training for the effective use of the facility and to make all the students of this institution in no way inferior to any other student who learn in a city or town.

4. The Practice

The institution offers value added education and skills on computing and communication devices, necessary softwares, etc.

- i. PG programmes in Computer Science, IT and Computer Applications and UG programme in CS are offered
- ii. The institution makes the students who undergo programmes other than Computer Science to opt for at least a Computer Science / Information technology paper from among the available elective subjects.
- iii. The institution offers a certificate programme in computer science to students who do not study a paper in computer science (students of Nutrition and Dietetics and Chemistry – UG and PG)

- iv. Hostel students are offered diploma courses in DTP and DCA after the college hours
- v. MBA, MCA, M.Sc. (CS) and M.Sc. (IT) students are offered free laptops for usage during their course of study
- vi. Teachers are encouraged to prepare e-content CD's and teaching with the aid of Power Point presentation.
- vii. 8 Mbps leased line ratio (1:1) internet connectivity throughout the campus for web based education through LAN, Wireless and Wi-Fi network connectivity.

5 Evidence of Success

The following table shows that 3373 students possess knowledge in computer science.

No. of students who study Computer Science as core paper	No. of students who study as allied / elective paper	Total
746	2597	3343

There are only 423 students in the department of Nutrition and Dietetics and Chemistry who do not study any paper in computer science. A certificate programme in Computer Science is conducted for these students on special day orders (Saturdays) so that all the students in the college are computer literates.

6) Problems encountered and resources required

As the management extends support to its maximum level, the support from the government and funding agencies will definitely enhance the motive and aspirations in achieving the goal.

7 Notes

- i) Hands-on experience for every student has to be provided
- ii) Campus drive by reputed organizations is comparatively less in institutions located in rural areas

8) Contact Details:

Name of the Principal : Dr S. Amudha
Name of the Institution : S.T.E.T. Women's College, Sundarakkottai.
City : Mannargudi **Pin Code** : 614016
Work Phone : 04367 255423 **Website** : www.stet.edu.in
Fax : 04367 255423 **e-Mail** : stet@stet.org.in

Best Practice—3**Instrumentation and Training****1) Goal:-**

The active principles of the plants and animals form the source for the development of products in the pharmaceutical industry. The identification of such compounds and molecules needs the methods of using the instruments such as GC, HPLC, AAA etc.,. Bioreactors are needed for the mass production of microbial biofertilizers. In order to satisfy these requirements training programme on instrumentation was organized.

2) Context:-

Information on the use of plants as a source of remedy to treat various ailments is available in folklore and sidha medicine. But the scientific documentation on the actual active principle involved and mechanism of action of the compounds are not completely elucidated. The developed countries with the sophisticated instruments and knowhow of operation, easily identify such compounds and get patent rights. So, we lose the benefit derived out of nature's wealth. In this context it is inoperative to train our students on the use of sophisticated instruments and to develop them into skilled persons the remedial action of compounds in the plants.

3) Practice:-

Realizing the lacunae in the scientific documentation of natural products, the management makes available the sophisticated instruments such as GC, HPLC, Semi Auto analyzer, AAS and UV- Vis spectrometry, bioreactors, etc.,. The Department of Chemistry, Microbiology and Biochemistry organize a seven day training to provide hands on experience for their students, and it is a value added programme.

4) Evidence of Success:-

The training programme evidently enhanced the employability of the students and most of the students, who got trained are employed. The details are as follows

S.No.	Departments	Student Trained	Students Employed	Self Employment
1.	Chemistry	18	10	2
2.	Biochemistry	20	13	8
3.	Microbiology	17	11	2

5) Constraints :-

- Since most of the instruments are expensive, providing equal opportunity to all the students becomes difficult.
- The maintenance of such instruments is also expensive.
- Since all these instruments are sensitive, any careless misuse may render the instrument inoperative
- All the expenses are to be met from the management funds.

6) Notes:-

Identifying the significance and need of such programmes, the Government and the funding agencies may extend financial support to such institutions, as the efforts enhance the employment opportunity, both nationally and internationally.

7) Contact Details:

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Name of the Institution : S.T.E.T. Women's College, Sundarakkottai.
City : Mannargudi **Pin Code** : 614016
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DEPARTMENT OF ECONOMICS EVALUTION REPORT

- 1. Name of the Department** : **ECONOMICS**
2. Year of Establishment : **1994**
3. Name of Programme offered :

S.No	Programme	Year of Establishment
1	B.A. Economics	1994
2	M.A. Economics	2007

4. Names of Interdisciplinary courses and the departments/units involved.

S.No	Department	Programme	Semester	Courses	Department Involved
1	Economics	B.A.	III	Management concepts	Commerce
		B.A.	IV	Banking practices	Business Administration
		M.A.	IV	Management Information System	Computer Science

5. Annual/ semester/choice based credit system (Programme wise):

S.No	Programme	Pattern
1	B.A. Economics	Semester and Choice Based Credit System
2	M. A. Economics	

6. Participation of the department in the courses offered by other departments:

S.No	Department	programme	Semester	Courses	Participating Department
1	Business Administration	B.B.A	I	Managerial Economics	Economics
2	English	B.A	III	Advertisement Management	Economics

7. Courses in collaboration with other universities, industries, foreign institutions, etc.:

MoU with Scientific Research Association for Economics and Finance, Chennai

8. Details of courses/programmes discontinued (if any) with reasons: NIL**9. Number of teaching posts**

S.No.	Teaching post	Sanctioned	Filled
1	Asst. Professors	6	6

10. Faculty profile with name, qualification, designation, specialization.

S.No.	Name	Qualification	Designation	Specialization	No. of Years of Teaching Experience
1	Mrs.T. Vijayalakshmi	M.A.(Eco), M.A.(Eng), M.Phil.,	Head and Asst.	Rural Development	15 years & 9 months
2.	Mrs.R. Kamala jayanthi	M.A., M.Phil.	Asst. Prof.	Tourism Economics	8 years & 3 months
3	Mrs.R. Malathi	M.A, M.Phil. DCA.	Asst. Prof.	Women Empowerment	8 years & 2 months
4	Dr. M. Hema Priyadharshini	M.A., Ph.D., PGDCA.	Asst. Prof.	Environmental Economics	3 years & 7 months
5	Miss.S. Yasotha Margaret	M.A, M.Phil., D.C.S	Asst. Prof.	Rural Development	1 year
6	Mrs.K. Vithyakala	M.A, M.Phil.	Asst. Prof.	Economics of Development	1 year

11. List of senior visiting faculty.

S. No	Name of the Visiting Faculty	Area of specialization
1	R. Rajendran	Agricultural Economics
2	T. Govindarajan	Fiscal Economics

12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty. Nil

13. Student -Teacher Ratio (programme wise)

S. No	Programme	Student – Teacher Ratio
1	UG	21:1
2	PG	2:1

14. Number of academic support staff (technical) and administrative staff sanctioned and filled: Nil**15. Qualifications of teaching faculty with Ph.D/ M.phil / PG.**

S.No	Name	Qualification
1	Mrs. T. Vijayalakshmi	M.A (Eng), M.A (Eco),M.Phil., D.C.A
2	Mrs.R. Kamala Jayanthi	M.A., M.Phil.
3	Mrs. R. Malathi	M.A., M.Phil. D.C.A
4	Dr. M. Hema Priyadharshini	M.A.,Ph.D., P.G.D.C.A
5	Miss . S. Yasotha Margaret	M.A., M.Phil. D.C.S
6	Mrs. K. Vithyakala	M.A., M.Phil.

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received: Nil**17. Departmental projects funded by DST – FIST, UGC, DBT, ICSSR, etc. and total grants received: Nil****18. Research Centre /facility recognized by the University: M.Phil., Ph.D.: Nil****19. Publications:**

S.No	Name of the Faculty	Total No. of Papers Published	Impact Factor	Conference proceedings	Books
1	Mrs.T.Vijayalakshmi	3	-	3	-
2	Mrs.R.Kamala Jayanthi	2	-	-	-
3	Mrs.R.Malathi	3	-	-	-

4	Dr.M. Hema Priyadharshini	-	-	5	-
5	Miss.S.Yasotha Margaret	3	-	1	-

20. Areas of consultancy and income generated: Nil

21. Faculty as members in a) National committees b) International Committees c) Editorial Boards.....:

Mrs. T.Vijayalakshmi and Ms. S.Yasotha Margaret are the members of Association of Economists of Tamil Nadu.

22. Student projects

a) Percentage of students who have done in-house projects including inter departmental/programme.100%

b) Percentage of students placed for projects in organizations outside the institution i.e. in Research Laboratories /Industry/ other agencies. Nil

23. Awards / Recognitions received by faculty and students.

Recognitions received by the faculty:

Mrs. T.Vijayalakshmi, Mrs. R.Kamala Jayanthi, Mrs. R.Malathi, Dr. M.Hema Priyadharshini are the external examiners for paper valuation, Bharathidasan University, Trichy

Awards received by the students (UG)

S. No .	Academic Year	Name of the Student Recipients	Name of the Awardee	Nature of Award	Recognition
1	2009-2010	V.Lakshmipriya	East Tanjore Traders, Thiruvarur	Department Topper	Endowment Prize
2	2010-2011	C.Kalaivani	East Tanjore Traders, Thiruvarur	Department Topper	Endowment Prize
3	2011-2012	V.Abirami	East Tanjore Traders, Thiruvarur	University I Rank	Endowment Prize
4	2012-2013	R.Muthupriya	East Tanjore Traders, Thiruvarur	Department Topper	Endowment Prize

Award received by the Students (PG)

S. No	Academic Year	Name of the Student Recipients	Name of the Awardee	Nature of Award	Recognition M.A Economics
1	2010-2011	P.Saranya	Sekaran sound service	University I Rank	Endowment Prize
2	2011-2012	V.Lakshmipriya	Sekaran sound service	University I Rank	Endowment Prize
3	2012-2013	S.Kalaiselvi	Sekaran sound service	University I Rank	Endowment Prize
4	2013-2014	G.Praveena I M.A.	Scientific Research Association for Economics and Finance	Department Topper in Know Your Economy Test - 2013	Cash Award Rs.500
		V.P.Elakkiya	Sekaran sound service	University I Rank	Endowment Prize
		G.Praveena II M.A.	Scientific Research Association for Economics and Finance	Class Topper in Know Your Economy Test - 2014	Cash Award Rs.500

24. List of eminent academicians and scientists / visitors to the department.

S.No.	Academic Year	Name of the faculty	Purpose of Visit
1	2008-09	Dr. Rm. Chidambaram Rtd Dean, Faculty in Management, Alagappa University, Karaikudi.	Seminar
2	2011-12	Dr. N. Chitra Associate Professor and Research Adviser, PG and Research Department of Economics, Khadir Mohideen College, Adirampattinam	Seminar
3	2013-14	T. Govindarajan Rtd Dean of Arts and Commerce, A.V.V.M Sri Pushpam College, Poondi	Seminar

25. Seminars/ Conferences/Workshops organized & the source of funding

a) National:

S.No.	Academic Year	Title of the	Resource Person	Source of Funding
1	2013-14	Preparation of Research Design	Dr.T.Govindarajan, Rtd Dean of Arts & Commerce, AVVM Sri Pushpam College, Poondi	STET Educational Trust

b) International: NIL

26. Student profile programme/course wise.

BA Economics

Batch	Name of the Programme	Applications Received	Selected	Enrolled	No Appeared For final semester	Pass %
2007-08	B.A.	74	52	52	49	100
2008-09	B.A.	69	52	52	46	100
2009-10	B.A.	70	52	52	45	100
2010-11	B.A.	-	-	-	-	-
2011-12	B.A.	80	52	52	45	100
2012-13	B.A.	62	52	43		
2013-14	B.A.	72	52	49		
2014-17	B.A.	72	52	52		

MA Economics

Batch	Name of the Programme	Applications Received	Selected	Enrolled	No Appeared for final semester	Pass %
2007-08	M.A.	18	17	17	17	100
2008-09	M.A.	10	10	10	9	100
2009-10	M.A.	14	14	14	14	100
2010-11	M.A.	17	17	17	16	100
2011-12	M.A.	18	17	17	15	100
2012-13	M.A.	23	23	23	20	90

27. Diversity of Students.

Name of the programme	% of the students from the same state	% of the students from other states	% of the students from abroad
BA Economics	100	Nil	Nil
MA Economics	100	Nil	Nil

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.?

29. Student progression.

S.No.	Academic Year	UG to PG (%)	PG to M.Phil. (%)	PG to Ph.D. (%)	Ph.D to Post Doctoral (%)	Campus Selection	Other than Campus Selection	Entrepreneurs hip / Self-Employment
1	2010-2011	33.3	-	5.88	-	-	1	-
2	2011-2012	32.6	42.8	-	-	-	1	-
3	2012-2013	44.4	31.25	-	-	-	3	-
4	2013-2014	-	33.3	-	-	-	-	-
5	2014-2015	37.7	5.88	-	-	-	1	-

30. Details of Infrastructural facilities

a) Classroom.

S.No.	Class Name	Room No	Area (in sq ft)
1	I BA	4	620
2	II BA	3	620
3	III BA	1	620
4	IMA	2	620

b) Laboratories: Nil

c) Library.

Category	General Library	MBA Library
Text Books	617	262
National Journals	4	5
International Journals	-	3
Magazines	2	-
E-books	55	-

d) Internet Facilities.

For staff: Department has two desktops. One desktop has internet facilities with speed up to 8 Mphs with Wi-Fi connectivity.

For student: The General library and MBA library have desktops with internet facilities of speed up to 8 Mphs with Wi-Fi connectivity.

e) Class Room with ICT facility.

The Department has one smart class room with ICT facility.

31. Number of students receiving financial assistance from College, University, government or other agencies.

S.No	Year	Agency	Financial Assistance	No. of Beneficiaries
1	2010-2011	SC Scholarship	Government	25
		Free -ship	Management	2
2	2011-2012	SC Scholarship	Government	21
		Free -ship	Management	2
3	2012-2013	SC Scholarship	Government	20
		Free- Ship	Management	1
		Other agencies	Private	4
4	2013-2014	SC Scholarship	Government	25
		Free -Ship	Management	1
		Other agencies	Private	12

32. Details on student enrichment programmes (special lectures / workshops /seminar) with external experts.

S. No	Year	Topics	Resource Person	No. of Students Participated
1	2011-2012	Potential Areas of Research	N.Chitra Srinivasan Associate Prof & Research Adviser , PG & Research Department of Economics, Kadhir Mohideen College, Adhirampattinam	120
2	2012-2013	Research in Social Sciences	Dr.Rm.Chidambaram Rtd Dean & Faculty in Management, Alagappa University, Karaikudi	130
3	2013-2014	Preparation of Research Design	Dr. T.Govindarajan, Rtd Dean of Arts & Commerce, AVVM Sri Pushpam College, Poondi	169

33. Teaching methods adopted to improve student learning.

In addition to the chalk and talk method of teaching, the following methods are also used

1. Class room interaction
2. Power Point Presentations
3. OHP 4. NPTEL
5. E-Content
6. N-LIST
7. Internet Browsing

8. Glossary
9. Objective type questions with answers
10. Question Bank
11. Two marks questions with answers
12. Smart Class Room

34. Participation in Institutional Social Responsibility (ISR) and Extension activities – Strength Participation

S.No.	Batch	NSS	EXNORA	ROTRACT	YRC	RRC
1	2009-2012	8	4	8	7	4
2	2010-2013	-	-	-	-	-
3	2011-2014	9	4	8	7	5
4	2012-2015	5	5	6	5	2
5	2013-2016	7	8	4	13	5

35. SWOC analysis of the department and Future plans

Strengths

- ❖ The department has 6 faculty members and two visiting professors. The specialized areas of the faculty members include Rural Development, Tourism Economics, Economics of Development, Environmental Economics and Women Empowerment
- ❖ Members of the faculty are capable of guiding the PG students in their project works and the project works are very well appreciated
- ❖ The department consistently producing 100% result at PG level with university rank exceeding 10
- ❖ Conducive environment for better teaching – learning process

Weakness

- ❖ Most of the students are from villages with poor communication skill
- ❖ The economic background of the students is not satisfactory

Opportunities

- ❖ Many career opportunities are available
- ❖ Facility for progression from U. G to P.G.

- ❖ A programme with eligibility for diverse vertical mobility such as M.A Economics, Bachelor of Law, M.B.A, MCA etc
- ❖ Students with the knowledge of economics can perform well in Competitive examination such as IES, IRS, IAS, State Public Service Commission, and Banking Exam

Challenges

- ❖ Students do not prefer admission in B.A. Economics programme
- ❖ Only average and below average students join UG Economics programme
- ❖ Students have studied in Tamil medium up to higher secondary level and hence suffer from language barrier
- ❖ Preparing slow learners for qualitative result

Future plan

- ❖ **Faculty enrichment:**
 - Completion of Ph.D by staff
 - Presentation and publication of papers on the topics of recent interes.
 - Attending refresher courses and orientation programmes

- ❖ **Developing employability skill:**

Weekly one hour awareness class for the students to attend the competitive examination preparation class and discussion of general knowledge questions

- ❖ **Extension activity:**

Social surveys in the neighborhood of the institution

- ❖ **Seminar:**

National Seminar / Conference

- ❖ **Workshop :**

Coaching in presentation of paper / writing articles

- ❖ **Industrial visit:**

Visits to firms / factories

- ❖ **Memorandum of Understanding:**

To collaborate with Scientific Research Association for Economics and Finance, Chennai and carry out activities / programmes

DEPARTMENT OF ENGLISH EVALUATION REPORT

1. Name of the Department : **ENGLISH**
 2. Year of Establishment : **1994**
 3. Names of Programmes offered

S.No.	Programmes offered	Year of establishment
1	B.A English	2011
2	M.A English	2014

4. Names of Interdisciplinary courses and department/ units involved:

S.No.	Department	Programme	Semester	Courses	Departments involved
1.	English	B.A English	III	Advertisement Management	Economics
			IV	Nutrition for the family	Nutrition and Dietetics
			IV	Introduction to office Management	Business Administration
			V	Office Management Tools	Business Administration
			V	Communication and Interpersonal skills	Business Administration

5. Annual / semester / Choice Based Credit System

S.No.	Programme	Patterns followed
1	B.A English	Semester- Choice Based Credit System
2	M.A English	

6. Participation of the department in the courses offered by other departments

S. No.	Departments	Programme	Semester	Courses	Participating Department
1	I UG	B.A., B.B.A., B.Com. & B.Sc.	I	English language skills for Communication-I	English
2	I UG	B.A., B.B.A., B.Com. & B.Sc.	II	English language skills for Communication-II	
3	II UG	B.A., B.B.A., B.Com. & B.Sc.	III	Language through Literature – I	
4	II UG	B.A., B.B.A., B.Com. & B.Sc.	IV	Language through Literature – II	

7. Courses in collaboration with other universities, industries, foreign institutions, etc.: Nil

8. Details of courses/programmes discontinued (if any) with reasons.: Nil

9. Number of teaching posts

S.No.	Grade (Designation)	Sanctioned	Filled
1	Associate Professors	03	03
2	Assistant Professors	16	16

10. Faculty Profile with Name, Qualification, Designation, specialization.

Name of the faculty	Qualifications	Designation	Specialization	No. of Years of Experience	No. of Ph.D. Students guided for the
Dr.S.Gnanaskandhan	M.A.,M.Phil., Ph.D.	Associate Professor/H OD	American Literature	36	-
Dr.K.Kumar	M.A.,M.Phil., B.Ed.,Ph.D	Associate Professor	American Literature	30	-
Prof.V.Sachithanatham	M.A., M.Phil.	Associate Professor	Comparative Literature	30	-
Mr.C.Uthirapathi	M.A., M.Phil., M.Ed.	Asst. Prof.	Indian Writing in English	2	-
Ms.S.Selvamuthukumari	M.A., M.Phil.	Ass. Prof.	Comparative literature	19	-
Ms. N.Nandhini	M.A., B.Ed.	Asst. Prof.	Indian Writing in English	3	-
Ms.S.Jayalakshmi	M.A., M.Phil., B.Ed.	Asst. Prof.	Indian Writing in English	2	-
Ms. G.Nithya	M.A., M.Phil.	Asst. Prof.	Indian Writing in English	4	-
Ms.V.Vaitheki	M.A., B.Ed.	Asst. Prof.	Indian Writing in English	1	-
Ms.M.Sathiya	M.A., B.Ed., M.Phil.	Asst. Prof.	American Literature	2.4 months	-
Ms. A.Rosemary	M.A., D.Ted.	Asst. Prof.	American Literature	1	-
Ms. S.Latha	M.A., B.Ed.	Asst. Prof.	British English	1	-
Ms. T.Surya	M.A., B.Ed.	Asst. Prof.	ELT	1	-
Ms. M.Gandhimathi	M.A., B.Ed.	Asst. Prof.	Indian Writing in English	8 months	-
Ms. S.Mala	M.A., B.Ed.	Asst. Prof.	Indian Writing in English	8 months	-
Ms. J.Vidhya	M.A., M.Phil.	Asst. Prof.	British Literature	2 Months	-
Ms.S.Suriya	M.A., M.Phil., B.Ed.	Asst. Prof.	British Literature	2 Months	-
Ms. P.Kuraloviya	M.A., M.Phil., B.Ed.	Asst. Prof.	American Literature	2 Months	-

Name of the faculty	Qualifications	Designation	Specialization	No. of Years of Experience	No. of Ph.D. Students guided for the
Ms. P.Gunavathi	M.A., M.Phil.	Asst. Prof.	Indian Writing in English	-	-

11. List of senior visiting faculty

S.No.	Name of the visiting Faculty	Qualification	Area of Specialization
1	Prof.K.N.R.Sukumaran, A.V.V.M Sri Poondi Pushpam College, Poondi	M.A., M.Phil.	Irish Drama
2	Prof.M.ArulanandhaSwami, M.R.Govt. Arts and Science College, Mannargudi	M.A., M.Phil.	Fiction

12. Percentage of lecture delivered and practical classes handled (programme wise) by temporary faculty: Nil

13. Student – Teacher Ratio

Programme Wise	Total No. of Students	Total No. of Teachers	Student-Teacher Ratio
B.A.English	203	08	26:1
M.A.English	09	07	2:1

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled: Nil

15. Qualifications of teaching faculty with D.Sc/ D.Litt/ Ph.D/ M.Phil/PG.

S.No.	Name	Qualifications
1	Dr. S.Gnanaskandhan	M.A., M.Phil., Ph.D.
2	Dr. K.Kumar	M.A., M.Phil., B.Ed., Ph.D.
3	Prof.V.Sachithanatham	M.A., M.Phil.
4	Mr. C.Uthirapathi	M.A., M.Phil., M.Ed.
5	Ms. S.Selvamuthkumari	M.A., M.Phil.
6	Ms. N.Nandhini	M.A., B.Ed.
7	Ms. S.Jayalakshmi	M.A., M.Phil., B.Ed.
8	Ms. G.Nithya	M.A., M.Phil.
9	Ms. V.Vaitheki	M.A., B.Ed.
10	Ms. M.Sathiya	M.A., B.Ed., M.Phil.
11	Ms. A.Rosemary	M.A., D.TEd.
12	Ms. S.Latha	M.A., B.Ed.
13	Ms. T.Surya	M.A., B.Ed.
14	Ms. M.Gandhimathi	M.A. B.Ed.
15	Ms. S.Mala	M.A. B.Ed.
16	Ms. J.Vidhya	M.A. M.Phil.
17	Ms. S.Suriya	M.A., M.Phil., B.Ed.
18	Ms. P.Kuraloviya	M.A., M.Phil., B.Ed.
19	Ms. P.Gunavathi	M.A., M.Phil.

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received: Nil

17. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received

S. No.	Title of the proposed seminar	Proposed amount	Name of the funding Agency	Remarks
1	National level Seminar on Comparative Literature	Rs. 1,50,000/-	Malcolm Elizebeth, Foundation, Chennai	Awaiting for sanction

18. Research Centre /facility recognized by the University: Nil

19. Publications

Name of the faculty	Total No. of Papers published	No. of Papers Published in Journals		Abstract in National Seminars	Book Chapter/ Published
		National	International		
Dr.K.Kumar	01	--	--	--	01
Ms.S.Selvamuthukumari	02	--	--	02	02
Ms.M.Sathiya	01	--	--	--	01

20. Areas of consultancy and income generated: Nil

21. Faculty as members in a) National committees b) International Committees c) Editorial Boards: Nil

22. Student Projects: Nil

23. Awards/ Recognitions received by faculty and Students

Details of Faculty Recognition

Ms. S.Selvamuthukumari, Assistant professor Department of English, S.T.E.T WC nominated as member, board of examinations, Rajah Serfoji Govt. College (Autonomous), Thanjavur, TamilNadu.

Awards received by the Students

S.No.	Academic Year	Student Recipients	Name of the Awardee	Nature of Recognition	
				Prize	Cash Award
1	2011-2012	M.A Shafika I B.A English	Lions Club International	III Prize in Essay Writing	600
	2013-2014	M.A Shafika III B.A English	Shrimathi Indr gandhi college, Thiruchirappalli	II Prize in Elocution	300
2	2013-2014	K.M.Vimala II I B.A English	Shakespeare Institute of English Studies, Chennai	Second prize in Essay Writing (This year the college received “ Best Performance in Creative Writing” Award from the same Institute)	750
3	2013-2014	P.Anugraha, III B.A	Idhaya College for Women,	II Prize in Check Your Spelling	--

S.No.	Academic Year	Student Recipients	Name of the Awardee	Nature of Recognition	
				Prize	Cash Award
		English	Kumbakonam		
4	2013-2014	P.Anugraha, III B.A English		II Prize in Enact, Scene Freeze and Dumb Show	
5	2013-2014	M.A Shafika, III B.A English		II Prize in Enact, Scene Freeze and Dumb Show	
6	2013-2014	P.Ramya, III B.A English		II Prize in Enact, Scene Freeze and Dumb Show	
7	2013-2014	S.Rajeshwari, III B.A English		II Prize in Enact, Scene Freeze and Dumb Show	
8	2013-2014	M.Abarnasi, III B.A English		II Prize in Enact, Scene Freeze and Dumb Show	
9	2013-2014	M.A Shafika III B.A English		II Prize in Literary Giant	
		The College received "Overall Champion" Trophy in "Lit.Con. Fete 14"			
10	2014-2015	M.A Shafika I M.A English	ShrimathiIndrgan dhi college, Thiruchirappalli	III Prize in Elocution	200

University ranks secured by the Students:

S.No.	Batch	Name of the Students	Rank
1	2011-2014	R.Keerthana	04
2		P.Anugraha	06
3		M.A.Shafika	08

24. List of eminent academics and scientists/ visitors to the department

S. No.	Academic Year	Name of the Visting faculty	Area of Specialization	Purpose of visit
1	2011-2012	Prof. V. Sachithanandham, A.V.C College, Mayiladuthurai	Comparative Literature	Seminar
2	2012-2013	Ms. S. Sathiyabama, A.V.C College, Mayiladuthurai	Principles of Literary Criticism	Seminar
3	2013-2014	Ms. M. Geetha, A.V.C College (Autonomous) Mayiladuthurai	Translation Studies	Seminar

25. Seminars/Conference/Workshops organized and the source of funding:

S.No.	Academic Year	Title of the Seminar	Beneficiaries	Resource person	Source of funding
1	2012-2013	Comparative literature	Staff and Students of English Department	Prof.V.Sachithanandham	S.T.E.T WC Management
2	2013-2014	Principles of Literary criticism	Staff and Students of English Department	Ms. S.Sathiyabama	
3	2013-2014	Translation Studies	Staff and Students of English Department	Ms.M.Geetha	

26. Student Profile Programme / Course wise

Name of the course / Programme	Batch	Application received	Admitted	Enrolled	Percentage of Pass %
B.A English	2011-2012	209	60	Female	100
	2012-2013	123	78		---
	2013-2014	105	78		---
	2014-2015	118	78		---
M.A English	2014-2015	14	09		---

27. Diversity of Students

S.No.	Programme	Students from Tamil Nadu(Percentage %)	Students from other states and other countries
1	B.A English	100	---
2	M.A English	100	---

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services Defense services, etc.,: Nil

29. Student Progression

S.No.	Academic Year	No. of Students	UG to PG
1	2011-2014	53	9 (17%)

The first batch of UG programme in English has passed out of the institution in the academic year 2013-14 and progression has been made for them in the current academic year. Their further progression will be facilitated at least from the academic year 2016-17.

30. Details of infrastructural facilities

S. No.	Programmes	Room Nos.	Area (LxB ft.)	Total area in sq. ft
1	I B.A. English	Vivekanadam Block III Floor B4	46x25	1150
2	II B.A. English	Vivekanadam Block III Floor B3	30x20	600
3	III B.A. English	Vivekanadam Block III Floor B2	30x20	600
4	I M.A. English	Vivekanadam Block II Floor A5	15x25	355
5	Language Lab	Dr.V.V Block NB II Floor	61x20	1220
6	Smart Class room	Vivekanadam Block III Floor B4	46x25	1150

Internet facilities for Staff & Students: Staff room / Language Lab

- 8 Mbps leased line internet connectivity is available throughout the campus for web based education through wire and Wi-Fi network connectivity throughout the day
- Two computers are provided in the staff room with internet facility

Laboratory

A language lab is functioning with 60 computers with headset and a Sony Projector. First PG Students of all the departments are given a regular training on Listening and Speaking skill in the Language Lab

Class room with ICT facility

The Department has one smart Class room with ICT facility, which includes a computer, LCD, podium with mike facilities and smart board screen etc.

31. Number of students receiving financial assistance from college, University, government or other agencies

S. No.	Academic Year	Type of Scholarship	Nature of Assistance	No of Students benefited
1	2012-2015	Freeship by the Management(50%) &Private Agencies(50%)	College fee	01
		Post Matric Scholarship	College fee	08
		Freeship by the Management(100%)	College& Bus fee	01
2	2013-2016	Post Matric Scholarship	College fee	01
3	2014-2017	Post Matric Scholarship	College fee	04
		First Graduate	College fee	03

32.Details on student enrichment programmes (special lectures / workshop/seminar) with external experts

S.No.	Academic year	Topics	Name of the Resource Person	No of Students Benefited
1	2011-2012	Comparative literature	Prof.V.Sachithanandham	59
2	2012-2013	Principles of Literary criticism	Ms. S.Sathiyabama	137
3	2013-2014	Translation Studies	Ms.M.Geetha	215

33. Teaching methods adopted to improve student learning

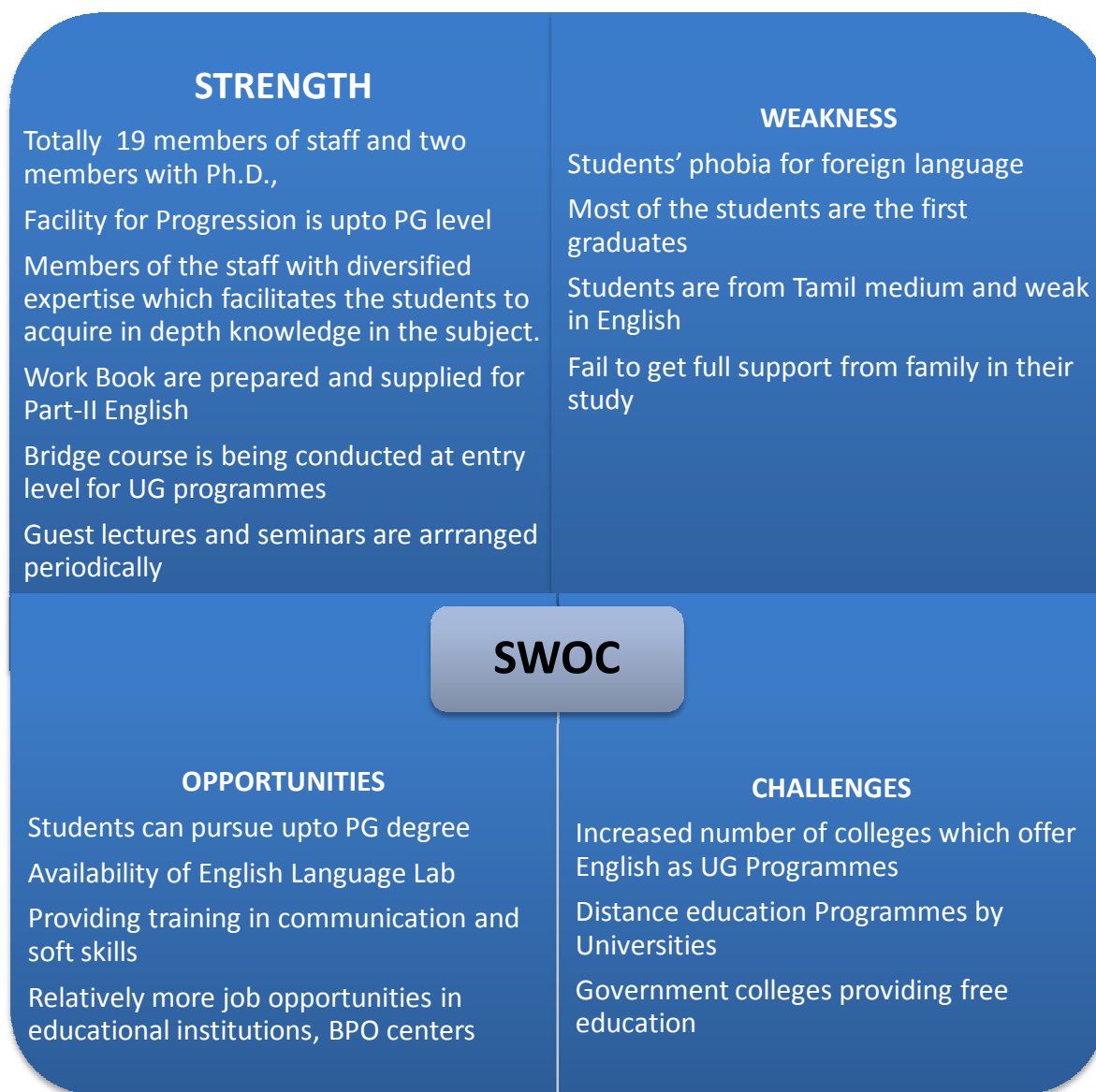
In addition to Chalk and talk method of teaching, the following methods are also used:

- Bridge Course
- Class room interaction
- Preparation of work book for Part- II English (I& II Semester) and provided to the students in subsidiary rate
- Spoken English classes on alternate Saturdays
- Group Discussion
- Debates and Quiz
- Power Point Presentation
- Case Studies
- OHP
- NPTEL
- E-Content
- N-LIST

34. Participation in Institutional social Responsibility (ISR) and Extension activities

S. No.	Academic year	Nature of Activity	Venue	No. of Beneficiaries
1	1995-Till date	Bridge Course	S.T.E.T College	All the freshers
2	2011-Till date	Language Lab	S.T.E.T College	All the PG I Years
3	2013-2014	How to teach Pronunciation	S.T.E.T College of Education. Mannargudi	B.Ed Students (100 students)
		How to pronounce difficult words	Navbharath Matric Hr. Sec. School Ullikkottai.	Higher secondary students(50 students)

35. SWOC analysis of the department and Future Plans:



Future Plans

1. Teachers will be persuaded to appear for NET/SET examinations so as to qualify themselves
2. Members of the staff are to be encouraged to pursue Ph.D. programme
3. Department is to be upgraded. Efforts will be made to introduce M.Phil. and Ph.D. research programmes
4. Library will be strengthened with research oriented books on recent literary theories and research journals
5. Propose to conduct programmes for the students in English and other courses to excel in "TOEFL, GRE, IELTS" etc.,
6. Workshops on literature, language and communication
7. Proposed to conduct National level Seminar/ Symposium

DEPARTMENT OF BUSINESS ADMINISTRATION EVALUATION REPORT

- 1. Name of the Department** : **BUSINESS ADMINISTRATION**
2. Year of Establishment : **1994**
3. Name of Programme offered :

S.No	Programme offered	Year of Establishment
1	BBA	1994

4. Names of Interdisciplinary courses and the departments/ units involved:

S.No	Department	Programme	Semester	Courses	Departments Involved
1	Business Administration	BBA	III	Managerial Communication	MBA
2		BBA	IV	Introduction to Office Management	MBA
3		BBA	IV	Production Management	MBA
4		BBA	V	Services Marketing	Commerce
5		BBA	V	Stock Exchange Practices	MBA
6		BBA	VI	Human Resource Management	MBA
7		BBA	VI	Entrepreneurial Development	Commerce

5. Annual/ Semester/ Choice Based Credit System (programme wise):

S.No	Programme	Pattern Followed
1	BBA	Semester - Choice Based Credit System

6. Participation of the department in the courses offered by other departments:

S.No	Programme	Semester	Courses	Participating Department
1	MBA	I	Mathematics and Statistics	Business Administration
2	MBA	II	Financial Management	Business Administration
3	MBA	III	Strategic Management	Business Administration
4	MBA	IV	International Business Environment	Business Administration
5	M.COM	III	Organizational Behavior	Business Administration
6	M.COM	II	Human Resource Management	Business Administration

7. Courses in Collaboration with other Universities, Industries, Foreign Institutions, etc:

- a) A Memorandum of Understanding (MoU) is made and executed on 4th Day of March 2014 with **CSC COMPUTER EDUCATION (P) LTD**, Chennai is authorized to conduct “**SALES ASSOCIATE**” a one month course under “**RETAIL SECTOR** “ under STAR scheme announced by NSDC (National Skill Development Corporation) through its branches in Tamilnadu.
- b) A MoU is made with **A.KRISHNAMOORTHY & CO**, Chennai for Internship, Project Work and Placement training.

8. Details of Courses/ Programmes discontinued (if any) with reasons : NIL**9.Number of Teaching Posts:**

S.No	Designation	Sanctioned	Filled
1	Professor	1	1
2	Associate Professor	-	-
3	Assistant Professor	9	9

10. Faculty profile with Name, Qualification, Designation, Specialization :

S.No	Name of the faculty	Qualification	Designation	Specialisation	No of Years of Experience	No of M.Phil students guided for last 4 years
1	Dr. V.Venkatachalam	M.Com.M.A., M.Phil.Ph.D.,	HOD&Prof.	HR	30	
2	Mrs.V.Pattammal	M.Com.M.Phil.MBA.P GDLA.UGC-NET, (Com&Mgt).SET(Mgt) (Ph.D.)	Asst.prof.	HR	16	5
3	Mrs.K.Sudha	MBM.M.Phil.MBA.U GC-NET.(Ph.D.)	Asst.prof.	Finance	14	4
4	Mrs.V.Pothigai Malai	MBA.M.Phil.PGDHR M.UGC-NET.(Ph.D.)	Asst.prof.	Marketing	10	-
5	Mrs.T.Sivakami	M.S(IT)MBA.M.Phil(Mgt&CS)UGC- NET,SET(Mgt).(Ph.D.)	Asst.prof.	Marketing	10	-
6	Mrs.K.Bharathi priya	MBA.M.Phil..	Asst.prof.	Marketing	5	-
7	Mrs.S.Geetha	MBA.M.Phil.(Ph.D)	Asst.prof.	HR	4	-
8	Mrs.R.Sumathi	MBM.M.Phil.B.Ed.	Asst.prof.	Marketing	3	-
9	Ms.S.Bakkyalakshmi	MBA.M.Phil..	Asst.prof.	HR	2	-
10	Ms.R.Kaveri	MBA.M.Phil.	Asst.prof.	HR	1	-

11. List of Senior Visiting Faculty:

S.No	Name of the Visiting Faculty	Area of Specialization
1	Dr.R.Natarajan, HOD, Department of Commerce, E.G.S.Pillai Arts and Science College, Nagapattinam.	Marketing
2	Dr.O.M.Haja Mohideen, Head, Research Department of Management Studies, Khadir Mohideen College, Adirampattinam.	HR
3	Dr.A.Peer Mohideen, Associate Professor, Research Department of Commerce, Khadir Mohideen College, Adirampattinam.	Marketing

12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty:11%

S.No	Duration	Name of the Faculty	Qualification	Designation
1	1.12.2013-30.04.2014	M.Bhanupriya	MBA. M.Phil	Assistant Professor
2	17.6.2014-30.11.2014	R. Radhika	M.Com.MBA.M.Phil	Assistant Professor

13. Student- Teacher Ratio (Programme wise):

S.No	Name of the programme	Student –Teacher Ratio
1	UG	39:1

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled: NIL

15. Qualification of Teaching Faculty with D.Sc./D.Lit /Ph.D, M.Phil/PG:

S.No	Name of the faculty	Qualification
1	Dr.V.Venkatachalam	M.Com. M.Phil.Ph.D.
2	Mrs.V.Pattammal	M.Com.M.Phil.MBA.PGDLA.UGC-NET(COM&MGT).SET(Mgt).(Ph.D).
3	Mrs.K.Sudha	MBM.M.Phil.MBA.UGC-NET.(Ph.D).
4	Mrs.V.Pothigaimalai	MBA.M.Phil. PGDHRM .UGC-NET.(Ph.D).
5	Mrs.T.Sivakami	M.S(I.T).MBA.M.Phil(Mgt&CS).UGC-NET.SET (Mgt).(Ph.D).
6	Mrs.K.Bharathi priya	MBA. M.Phil.
7	Mrs.S.Geetha	MBA. M.Phil.(Ph.D).
8	Mrs.R.Sumathi	MBM.M.Phil.B.Ed.
9	Ms.S.Bakkyalakshmi	MBA. M.Phil.
10	Ms.R.Kaveri	MBA. M.Phil.

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received: NIL

17. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received: NIL

18. Research Centre/ Facility Recognized by the University: NIL

19. Publications:

a. Publication per faculty:

S.No	Name of the Faculty	No.of Journals Published		Journal Impact Factor	No.of Papers Presented in Seminars and Conferences	
		National	International		National	Inter-National
1	Dr.V.Venkatachalam					
2	Mrs.V.Pattammal	2	1	-	5	3
3	Mrs.K.Sudha	5	3	0.4	5	5
4	Mrs.V.Pothigaimalai	3	8	0.789	11	8
5	Mrs.T.Sivakami	4	2	0.389	7	3
6	Mrs.K.Bharathi priya	-	2	0.389	5	2
7	Mrs.S.Geetha	2	-	-	2	1
8	Mrs.S.Bakiyalakshmi	-	-	-	1	-
9	Ms.V.C.Priyanka	-	3	-	4	3
10	Ms.R.Kaveri	-	1	-	-	1
11	Ms.M.Bhanupriya	2	1	-	2	-

20.Areas of consultancy and income generated

21. Faculty as Members in:

a) National committees b) International committees C) Editorial Boards: NIL

22. Student projects:

a) Percentage of students who have done in-house projects including inter department/ programme: NIL

b) Percentage of students placed for projects in organizations outside the institution i.e. in Research laboratories/ Industry/Other agencies: NIL

23. Awards/Recognitions received by faculty and students:

S.No	Name of the Faculty	Recognition Received
1	Dr.V.Venkatachalam	
2	Mrs.V.Pattammal	a)Member in Board of Studies,BDU inTrichy b)External Examiner in BDU 1) MBA VivaVoce2)M.Phil VivaVoce3)Paper Valuation c) Question Paper Setting in 1) Periyar Maniyammai University,Tanjore 2) St.Joseph College(Auto),Trichy, 3) A.V.V.M.Pushpam College, Poondi, d) Chief Invigilator in TNPSC Examination. e) Chief Superintendent in Bharathidasan University Examination f) Internal Examiner in UG Practical Examination-BBA
3	Mrs.K.Sudha	a) Received an award for the performance of Best Consumer Citizen Club,at District Level in 2012. b) External Examiner in BDU inTrichy 1) M.Phil viva voce 2) Paper Valuation. c) Question Paper Setting in 1)Periyar Maniyammai University, Thanjavur 2)St.Joseph College(Auto),Trichy, 3)A. V. V.M.Pushpam College,Poondi.
4	Mrs.V.Pothigaimalai	a) External Examiner in BDU in Trichy 1) UG Practical Examination 2) Paper Valuation b) Question Paper Setting in 1) Periyar Maniyammai University, Tanjore.
5	Mrs T.Sivakami	a) External Examiner in BDU in Trichy 1) Paper Valuation b) UG Practical Examination.
6	Mrs.K.Bharathi priya	a) External Examiner in BDU in Trichy 1) Paper Valuation.
7	Mrs.S.Geetha	a) External Examiner in BDU in Trichy 1) Paper Valuation.
8	Mrs.R.Sumathi	a)External Examiner in BDU in Trichy 1)Paper Valuation.

Details of Recognition Received by Students:

S.No	Academic Year	Name of the Student	Name of the Awardee	Nature of Award	Recognition
1	2009-2010	S.Rekha	Sakthi Enterprises, Thiruvarur	XVIII Rank	Endowment price
2	2010-2011	K.Arthi	Sakthi Enterprises Thiruvarur	VIII Rank	Endowment price
3	2011-2012	A.Shafira Rahman	Sakthi Enterprises, Thiruvarur	V Rank	Endowment price
4	2012-2013	S.Umaiyal	Sakthi Enterprises,Thiruvarur	VII Rank	Endowment price
		M.Bhakiya shree	ScientificResearch Association For Economic &Finance,Chennai	College Topper	1000 Cash Award
5	2013-2014	G.Bharathi	Sakthi Enterprises, Thiruvarur	II Rank	Endowment price
		R.Gowthasree	ScientificResearch Association For Economic &Finance,Chennai	College Topper	1000 Cash Award
		M.Bhakiya shree	ScientificResearch Association For Economic &Finance,Chennai	Department Topper	500 Cash Award

24. List of Eminent Academicians and Scientists/Visitors to the Department:

S.No	Academic Year	Name of the Faculty	Area of Specialisation	Purpose of Visit
1	2012-2013	Dr.N.Chitra,Associate Professor and Research Advisor,PG and Research department of Economics,K.MCollege, Adirampattinam.	Economics	Seminar
2	2013-2014	Dr.R.M.Chidambaram,Dean,Faculty of Management, (Rtd) Alagappa University, Karaikkudi	Finance	Seminar
3	2014-2015	Dr.T.Govindarajan,Dean of Arts and Commerce, (Rtd) ,A.V.V.M. Sri Pushpam College, Poondi	Finance	Seminar

25. Seminar/Conference/Workshops Organized and the Source of Funding: NIL

26. Student Profile Programme/ Course wise: BBA

S.No	Academic Year	No of Applications Received	Selected	Enrolled(F)	Pass %
1	2009-2010	267	130	130	100
2	2010-2011	211	130	130	100
3	2011-2012	176	130	129	100
4	2012-2013	157	130	129	-
5	2013-2014	148	130	130	-
6	2014-2015	171	130	130	-

27. Diversity of Students:

S.No	Name of the Programme	Academic Year	% of students from the same State	% of students from Different States	% of students from abroad
1	BBA	2009-2010	100%	-	-
2	BBA	2010-2011	100%	-	-
3	BBA	2011-2012	99.25%	0.75%	-
4	BBA	2012-2013	100%	-	-
5	BBA	2013-2014	100%	-	-
6	BBA	2014-2015	100%	-	-

28. How many students have cleared National and State Competitive Examinations such as NET, SLET,GATE ,CIVIL Services, Defense Services, etc.?

S.No	Batch	Name of the Exam	Year of Passed	No. of Students
1	1994-97	UGC-NET	2012	1
2	1995-98	UGC-NET	2012	1
3	1996-99	UGC-NET	2012	1

29. Student Progression:

S. No	Academic Year	UGto PG (%)	PGto M.Phil (%)	PG to Ph.D (%)	Campus Selection	Other than Campus Selection
1	2010-11	37	-	-	-	1
2	2011-12	38	-	-	-	2
3	2012-13	45	-	-	6	1
4	2013-14	34	-	-	-	6
5	2014-15	43	-	-	-	1

30. Details of Infrastructural Facilities:

a) Library: 2110 Text books, 280 Reference books, e-books 56, CDs 27, National Journal 1 and Magazine 2 are available in our library

b) Internet Facilities: The STET Campus have 8 Mbps Internet Connectivity leased line 1:1 uncompressed and unshared on MPLS (Multi Protocol Label Switching) network dedicated on optical fiber link. Department has 2 nodes with Wi-Fi Internet facilities

c) Class Room:

S.No	Class Name	Room No	Area (Sq ft)
1	I BBA A	TVS Block, II nd Floor, Room No 11	620
2	I BBA B	TVS Block, II nd Floor, Room No 12	620
3	II BBA A	TVS Block, I st Floor, Room No 10	620
4	II BBA B	TVS Block, II nd Floor, Room No 10	620
5	III BBA A	TVS Block, I st Floor, RoomNo 05	620
6	III BBA B	TVS Block, II nd Floor, Room No 08	620
7	III BBA C	TVS Block, II nd Floor, Room No 09	620

d) Laboratories:

S.No	Lab Name	Room.No	Area (Sq ft)
1	LAB VI	TVS Block , II nd Floor	2720

e) Class Room with ICT facility:

The Department has one smart class room with ICT facility.

31. Number of students receiving financial assistance from College, University, Government or Other Agencies:

S. No	Academic Year	Type of Scholarship	Nature of Assistance	No of Beneficiaries
1	2010-2011	SC Scholarship	Government	8
		40% Concession on College Fees	Management	1
		100%Concession on College Fees	Management	1
2	2011-2012	SC Scholarship	Government	8
		50% Concession on College Fees	Management	1
3	2012-2013	SC Scholarship	Government	15
		100%Concession on College Fees	Management	2
4	2013-2014	100%Concession on College Fees	Management	2
5	2014-2015	100%Concession on College Fees	Management	7

32. Details on student enrichment programmes (special lectures/workshops/seminar) with External Experts:

S.No	Academic Year	Topic	Resource Person	No. of Students Benefited
1	2008-09	Banking Sector and Economic Development	Dr.R.M.Chidambaram,Dean, Faculty of Management(Rtd), Alagappa University,Karaikudi	110
2	2009-10	Rights to Information Act 2005	Mr.S.Govindarajan,President,Tamilnadu Consumer Club, Mannargudi	140
3	2010-11	Consumerism	1.Dr.V.Pugazhendhi,Assistant Professor,Department of Commerce,Raja Serfoji Govt College,Thanjavur 2.Dr.PiraiArivazhagan, Principal, Meenakshi Chandrasekar College, Pattukkottai	145
4	2011-12	FDI in Globalised Era	Dr.R.Natarajan, Head, Dept of Commerce. EGS Pillai Arts & Science College, Nagappattinam.	220
5	2012-13	Research in Social Sciences	Dr.R.M.Chidambaram,Dean , Faculty of Management (Rtd), Alagappa University, Karaikudi	230
6	2013-14	Consumer Awareness & Environment Protection	Mr.M.Nagendran, Head, Department Of Economics, Thiru Vi Ka College, Thiruvarur.	225
7	2013-14	Preparation of Research Design	Dr.T.Govindarajan,Dean of Arts and Commerce (Rtd),A. V. V.M Sri Pushpam College,Poondi.	169

33. Teaching methods adopted to improve students learning:

- OHP/LCD
- CDS and Power Point Presentation
- Case Study
- Question Answer Method
- Group Discussion
- E-Content
- NPTEL Resources.
- Two Marks Questions.
- Objective Type Questions.
- Cycle Test
- Continuous Assessment Test
- Glossary
- Book Bank
- Seminar
- Bridge Course

34. Participation in Institutional Social Responsibility (ISR) and Extension Activities:

- Mrs.K.Sudha and Ms.M.Bhanupriya of our Department Members acted as Faculty Incharge of CSC Computer Education (P) Ltd Chennai to conduct the “Sales Associate” Course Retail Sector under STAR Scheme announced by NSDC.
- 17 of Our Students participated in National Service Scheme, 20 were participated in Red Ribbon Club and 18 were in Youth Red Cross.

Extension Activities Details (2013-2014):

S.No	Academic year	Name of the Activity	Venue		No of Beneficiaries
			On the Campus	Off the Campus	
1	2013-2014	Creating Consumer Awareness About Purchasing Pattern	-	Sundarakkottai Village	15

35. SWOC Analysis and Future Plans:**Strength:**

- Good learning environment for students
- Availability of AICTE approved MBA programme in the campus
- Specialisation of faculty member in Human Resource Management, Labour Administration, Finance and Marketing, Computer Science, Bank Management
- Four of our faculty members qualified with UGC-NET and SET in Management Studies

Weakness:

- Students having fear and shyness during seminars sessions
- Unable to attend the various competitions in other colleges as parents do not permit
- Many students are from poor agriculture families with average learning

Opportunities:

- PG programme with reasonable and affordable cost of education
- Students may opt for job/ progression to higher studies

Challenges:

- Maximum number of students studied in Tamil Medium at Higher Secondary Level
- Teaching poor learners with rural background

Future plans:

- To encourage students to do group projects
- To offer certificate courses
- To promote internship programmes to students
- To conduct national seminar/conference
- To collaborate with industries for placement
- To motivate the faculties to qualify in UGC-NET, SET or Ph.D as per UGC norms
- To motivate staff members to publish/ present papers

DEPARTMENT OF COMMERCE EVALUATION REPORT

1. Name of the Department : **COMMERCE**
 2. Year of Establishment : **1994**
 3. Names of Programmes offered

S.No.	Programme Offered	Year of Establishment
1	B.Com	1994
2	M.B.M	1997
3	M.Com	2004
4	M.Phil	2011

4. Names of Interdisciplinary courses and the departments/units involved.

S.No.	Department	Programme	Semester	Course	Departments Involved
1.	Commerce	M.Com	II	Human Resource Management	Business Administration
		M.Com	III	Organizational behavior	Business Administration
		M.Com	IV	E-Commerce	Master of Computer Application

5. Annual/ semester/choice based credit system (Programme wise):

S.No.	Programme	Pattern
1.	B.Com	Semester & Choice Based Credit System
2.	M.Com	
3.	M.Phil	

6. Participation of the department in the courses offered by other departments.

S.No.	Programme Offering Department	Semester	Courses	Participating Department
1.	Business Administration	V	Services Marketing	Commerce
2.	Business Administration	VI	Entrepreneurial Development	
3.	Master of Computer Application	IV	Accounting and Financial Management	

7. Courses in collaboration with other universities, industries, foreign institutions, etc: Nil

8. Details of courses/programmes discontinued (if any) with reasons: Nil

9. Number of teaching posts

S. No.	Teaching post	Sanctioned	Filled
1	Professors	Nil	Nil
2	Associate Professors	Nil	Nil
3	Assistant Professors	15	15

10. Faculty profile with name, qualification, designation, specialization.

S. No	Name of the staff	Qualification	Designation	Specialization	No. of Years of Teaching Experience	No. of Ph.D. students guided for the last 4 years
1	Dr. S.Amudha	M.Com., M.Phil., M.B.A., Ph.D	Principal	Human Resource Management	22	4(M.Phil)
2.	Ms.B.Kayathiribai	M.Com., M.Phil	Head of the Department	Financial Management	14	3(M.Phil)
3	Ms.C.Prabha	M.Com.,M.Phil	Asst.Prof	Marketing	10	—
4	Ms.S.Vijaya	M.Com.M.Phil, MBA, B.Ed, PCP	Asst. Professor	Marketing	10	—
5	Ms.J.Anitha	M.Com. M.Phil MBA,PCP	Asst. Professor	Human Resource Management	9	—
6	Ms.K.Gomathi	M.Com. M.Phil MBA,PCP	Asst. Professor	Marketing	9	—
7	Ms.S.Shanti	M.Com.M.Phil, UGCNET.,SET. MBA.,PGDCA	Asst. Professor	Marketing	8	—
8	Ms.K.Vembu	M.Com.M.Phil, UGC NET,IMPCT	Asst. Professor	Human Resource Management	7	3(M.Phil)
9	Ms.P.Rathinadevi	M.Com.M.Phil, MBA,PGDCA	Asst. Professor	Marketing	7	—
10	Ms.D.Supulakshmi	M.Com. M.Phil,SET	Asst. Professor	Marketing	5	—
11	Ms.S.Thazhukuzhali	M.Com. M.Phil,BEd	Asst. Professor	Human Resource Management	9	—
12	Ms.J.Annammal	M.Com,M.Phil, BEd, HDCA	Asst. Professor	Marketing	2	—
13	Ms.P.Sathya	M.Com. M.Phil	Asst. Professor	Marketing	2	—

14	Ms.C.Vijayashanthi	M.Com.M.Phil, PGDCA	Asst. Professor	Human Resource Management	1	—
15	Ms.B.Poovazhahi	M.Com. M.Phil,	Asst.Prof	Marketing	1	—
16	Ms.M.Suganthana	M.Com. M.Phil,	Asst.Prof	Marketing	0	—

11. List of senior visiting faculty.

S. No.	Name of the Visiting Faculty	Area of specialization
1	Dr.Rm.Chidambaram, Rtd.Professor, Department of Bank Management, Alagappa University, Karaikudi.	Bank Management & Investment
2	Dr.R.Prakash Babu, Associate Professor, PG & Research Department of Commerce, A.V.V.M Sri Pushpam College, Poondi.	Marketing

12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty: Nil

13. Student -Teacher Ratio (Programme wise)

S. No.	Programme	Student -Teacher Ratio
1	UG	34:1
2	PG	5:1
3	M.Phil.	1.2:1

14. Number of academic support staff (technical) and administrative staff sanctioned and filled: Nil

15. Qualifications of teaching faculty with Ph.D/ MPhil / PG.

S.No.	Name	Qualification
1	Dr. S.Amudha	M.Com., M.Phil., M.B.A., Ph.D
2	Ms.B.Kayathiribai	M.Com., M.Phil
3	Ms.C.Prabha	M.Com., M.Phil.,DOA
4	Ms.S.Vijaya	M.Com.M.Phil ,MBA, B.Ed, PCP
5	Ms.J.Anitha	M.Com. M.Phil MBA,PCP
6	Ms.K.Gomathi	M.Com. M.Phil MBA,PCP
7	Ms.S.Shanti	M.Com. M.Phil,UGC-NET., SET., MBA.,
8	Ms.K.Vembu	M.Com. M.Phil,UGC NET,IMPACT
9	Ms.P.Rathinadevi	M.Com. M.Phil,MBA,PGDCA
10	Ms.D.Supulakshmi	M.Com. M.Phil,SET
11	Ms.S.Thazhukuzhali	M.Com. M.Phil,B.Ed
12	Ms.J.Annammal	M.Com. M.Phil,B.Ed, HDCA
13	Ms.P.Sathya	M.Com. M.Phil
14	Ms.C.Vijaya shanthi	M.Com. M.Phil, PGDCA.,
15	Ms.B.Poovazhahi	M.Com. M.Phil,
16	Ms.M.Suganthana	M.Com. M.Phil,

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received: Nil

17. Departmental projects funded by DST – FIST, UGC, DBT, ICSSR, etc. and total grants received: Nil

18. Research Centre /facility recognized by the University: M.Phil.

S.No.	Programme Name	Year of Establishment	PT/FT
1.	M.Phil.	2011	Full Time

19. Publications

S.No.	Name of the Faculty	No. of Articles published	Publication detail			
			State	National	International	Journal Impact factor
1.	Dr.S.Amutha	1	-	-	1	-
1.	Ms.B.Kayathiribai	10	1	4	5	-
2.	Ms.C.Prabha	9	1	5	3	-
3.	Ms.S.Vijaya	15	2	9	4	-
4.	Ms.J.Anitha	11	1	6	4	-
5.	Ms.K.Gomathi	11	1	6	4	-
6.	Ms.S.Shanti	8	1	2	5	2.94
7.	Ms.K.Vembu	10	1	5	4	-
8.	Ms.P.Rathinadevi	5	1	4	-	-
9.	Ms.D.Supulakshmi	9	1	6	2	-
	Total No. of Publications in the Department	89	10	47	32	2.94

Chapter in Books

S.No.	Name of the faculty	Chapter published in the Book	Books of Publication
1.	Ms.B.Kayathiribai	Women's participation in political power structure in our Region Chapter-12	Economic impact of political empowerment of women in India-Global Research publication, New Delhi. ISBN 978-81-89630-15-7

20. Areas of consultancy and income generated: Nil

21. Faculty as members in a) National committees b) International Committees c) Editorial Boards:

Dr. S.Amutha is a Member of Madras Management Association, Chennai and She is the member of UGC-ASC advisory Committee of the academic Staff College, Bharthidasan University, Trichy, Senate Member of Bharthidasan University, Trichy.

22. Student projects

a) Percentage of students who have done in-house projects including inter departmental/programme

b) Percentage of students placed for projects in organizations outside the institution i.e. in Research laboratories /Industry/ other agencies.

PG-M.Com			
S.No.	Academic year	No. of students	Percentage
1	2009-2010	23	100
2	2010-2011	37	100
3	2011-2012	48	100
4	2012-2013	38	100
5	2013-2014	38	100
	Total	184	

M.Phil-Commerce			
S.No.	Academic Year	No. of students	Percentage
1	2011-2012	5	100
2	2012-2013	12	100
3	2013-2014	6	100
	Total	23	

23. Awards / Recognitions received by faculty and students.

Recognition Received by faculty

S. No	Name of the Staff	Nature of Recognition
1.	Dr. S.Amudha	<ul style="list-style-type: none"> ➤ Rashtriya Vidhya Sarasvathi Puraskar Award, International Institute of Education and Management in New Delhi. ➤ Rajiv Ganthi vidhya shiromani Award, International institute of Education and Management in New Delhi. ➤ UGC-ASC advisory Committee of the academic Staff College, Bharthidasan University, Trichy ➤ Member of Madras Management Association, Chennai ➤ Status of corporate women excutive with special reference to Tamilnadu AVC College Mayiladudurai ➤ Research advisor for M.Phil, Bharathidasan University ➤ Research advisor for Ph.DShri.JJT University. Mumbai.
2.	Ms. B.Kayathiri Bai	<ul style="list-style-type: none"> ➤ Research advisor for M.Phil, Bharathidasan University ➤ Member of question paper setting in different universities ➤ Examiner for UG central valuation, Practical examiner for UG & PG Commerce, Bharathidasan University ➤ Rap porter in National seminar. ➤ TNPSC Chief Examiner in college campus
3.	Mrs.C.Prabha	<ul style="list-style-type: none"> ➤ Examiner for UG central valuation, Bharathidasan University

4.	Mrs.S.Vijaya	➤ ➤ ➤	Examiner for UG central valuation, Bharathidasan University Jc.Ret in Indian Jaycees Award received for First Aid by Minister of health & family Welfare.
5.	Mrs.J.Anitha	➤ ➤	Examiner for UG central valuation, Bharathidasan University Member of question paper setting in different universities.
6.	Mrs.K.Gomathi	➤ ➤	Examiner for UG central valuation, Bharathidasan University Member of question paper setting in different universities.
7.	Mrs.S.Shanti	➤ ➤	Examiner for UG central valuation, Practical examiner for UG and PG Commerce, Bharathidasan University Member of question paper setting in Annamalai University.
8.	Mrs.K.Vembu	➤ ➤	Examiner for UG central valuation, Bharathidasan University Yoga trainer.
9.	Mrs.P.Rathinadevi	➤	Examiner for UG central valuation, Practical examiner for UG Commerce, Bharathidasan University
10.	Mrs.D.Supulakshmi	➤	Examiner for UG central valuation, Bharathidasan University
11.	Mrs.S.Thazhukuzhali	➤	Examiner for UG central valuation, Bharathidasan University

Students Achievements

S. No	Academic year	Name of the student recipient	Name of the awardees	Nature of the Recognition
1	2006-2007	V.Surya	Shakespeare Institute of English Studies, Chennai Proficiency test	10 th rank
		G.Bharathi	Bharathidasan University, Tiruchy	7 th rank
		P.Priya	Bharathidasan University, Tiruchy	18 th rank
		G.Bhuvaneshwari	Bharathidasan University, Tiruchy	20 th rank
		P.Priya	Vai. Ayyasamy Thevar	Endowment prize
		G.Bharathi	Kamala Govindasamy Pathar and V.Veedaraman Trust	Endowment prize
2	2007-2008	A.M.Fayeza shafiga	Shakespeare Institute of English Studies, Chennai Proficiency test	6 th rank
		R.Abirami Meenakshai	Bharathidasan University, Tiruchy	15 th rank
		J.Arunamargaret	Bharathidasan University, Tiruchy	2 nd rank
		C.Dhanalakshmi	Bharathidasan University, Tiruchy	5 th rank
		R.Bavani	Bharathidasan University, Tiruchy	7 th rank
		E.Vidhya	Bharathidasan University, Tiruchy	14 th rank
		K.Mehala	Bharathidasan University, Tiruchy	18 th rank
		R.Abirami Meenakshai	Kamala Govindasamy Pathara And V.Veedaraman Trust	Endowment prize
		J.Arunamargaret	Vai. Ayyasamy Thevar	Endowment prize
3	2008-2009	A.M.Fayeza shafiga	Shakespeare Institute of English Studies, Chennai Proficiency Test	8 th rank
		A.Aasha begam	Bharathidasan University, Tiruchy	9 th rank
		I.Julaih Parveen Benashir	Bharathidasan University, Tiruchy	12 th rank
		J.Karthiga	Vai. Ayyasamy Thevar	Endowment

				prize
		A.Aasha Begum	Kamala Govindasamy Pathar and V.Veedaraman Trust	Endowment prize
		J.Karthiga	Bharathidasan Univertisity, Tirchy	5 th rank
4	2009-2010	S.Gayathri (17.12.86)	Bharathidasan Univertisity, Tirchy	18 th rank
		I.Nasima Begum	Bharathidasan Univertisity, Tirchy	12 th rank
		V.Surya	Bharathidasan Univertisity, Tirchy	17 th rank
		I.Nasima Begum	Kamala Govindasamy Pathar and V.Veedaraman Trust	Endowment prize
		V.Surya	S.T.E.T women's college, Mannargudi. Dr.C.A.K.Gold medal	Best Outgoing Student in UG
5	2010-2011	S.Barathi	National conference	participation
		A.M.Fayeza Shafiq	Bharathidasan Univertisity, Tirchy	2 nd rank
		K.A.Aasmin Thafsheela	Bharathidasan Univertisity, Tirchy	3 rd rank
		K.A.Aasmin Thafsheela	S.T.E.T women's college, Mannargudi. Dr.C.A.K.Gold medal	Best Outgoing Student in UG
		M.J.Shaikka Barhana	Bharathidasan Univertisity, Tirchy	5 th rank
		M.Iqbal Soorathual Farjana	Bharathidasan Univertisity, Tirchy	10 th rank
		A.M.Ayesha Nilofar	Bharathidasan Univertisity, Tirchy	12 th rank
		P.J.Ayesha Siddiqua	Bharathidasan Univertisity, Tirchy	15 th rank
		S.Vanithamani	Bharathidasan Univertisity, Tirchy	19 th rank
		S.Kanmani	Bharathidasan Univertisity, Tirchy	4 th rank
		G.Radhika	Bharathidasan Univertisity, Tirchy	19 th rank
		A.M.Fayeza Shafiq	Kamala Govindasamy Pathar and V.Veedaraman Trust	Endowment prize
		S.Gayathri(17.12.86)	Vai. Ayyasamy Thevar	Endowment prize
6.	2011-2012	M.Sakthi Devi	Gandhi Study centre, T.Nagar, Chennai.	First class Certificate received
		R.Kalaivani	Bharathidasan Univertisity, Tirchy	10 th rank
		R.Rajapriya	Bharathidasan Univertisity, Tirchy	14 th rank
		A.Sivakami	Bharathidasan Univertisity, Tirchy	16 th rank
		D.Karthiga	Bharathidasan Univertisity, Tirchy	19 th rank
		R.Sindhubharathi	Bharathidasan Univertisity, Tirchy	19 th rank
		G.Aarthiga	Bharathidasan Univertisity, Tirchy	3 rd rank
		A.Aaliathasleem Sulthana	Bharathidasan Univertisity, Tirchy	7 th rank
		M.Raziya Sulthana	Bharathidasan Univertisity, Tirchy	10 th rank
		R.Sabarika	Bharathidasan Univertisity, Tirchy	10 th rank
		S.Abinaya	Bharathidasan Univertisity, Tirchy	12 th rank
		P.Keerthika	Bharathidasan Univertisity, Tirchy	13 th rank
		K.Buvaneshwari	Bharathidasan Univertisity, Tirchy	19 th rank
		G.Aarthiga	Kamala Govindasamy Pathar and V.Veedaraman Trust	Endowment prize
		R.Kalaivani	Vai. Ayyasamy Thevar	Endowment prize

7	2012-2013	K.Parveen Fathima	Shakespeare Institute of English Studies, Chennai Proficiency test	Participation
		R.H.Nilofar Nisha	Shakespeare Institute of English Studies, Chennai, Proficiency test	Participation
		T.Kalaiyarasi	Bharathidasan Univertisity, Tirchy	8 th rank
		S.Sarlin Mary	Kamala Govindasamy Pathar and V.Veedaraman Trust	Endowment prize
		T.Kalaiyarasi	Vai. Ayyasamy Thevar	Endowment prize
		S.Sarlin Mary	Bharathidasan Univertisity, Tirchy	9 th rank
		A.Noorul Irufana	Shakespeare Institute of English Studies, Chennai	Participation
		C.Keerthana	Kamala Govindasamy Pathar and V.Veedaraman Trust	Endowment prize
		T.Amsaleka	Vai. Ayyasamy Thevar	Endowment prize
		C.Keerthana	Bharathidasan Univertisity, Tirchy	4 th rank
		K.Priyanka	Bharathidasan Univertisity, Tirchy	15 th rank
		S.Sivamala	Bharathidasan Univertisity, Tirchy	19 th rank
		T.Amsaleka	Bharathidasan Univertisity, Tirchy	4 th rank
		K.Bhuvaneshwari	Bharathidasan Univertisity, Tirchy	10 th rank
		S.Vinothini	Bharathidasan Univertisity, Tirchy	18 th rank
8	2013-2014	K.H.Uvaitha Banazir	Bharathidasan Univertisity, Tirchy	3 rd rank
		S.Nasrinfathima	Bharathidasan Univertisity, Tirchy	2 nd rank
		B.Kalaichitra	Bharathidasan Univertisity, Tirchy	13 th rank
		S.Mangalanayagi	Bharathidasan Univertisity, Tirchy	20 th rank

24. List of eminent academicians and scientists / visitors to the department.

S.No.	Academic Year	Name of the Visiting Faculty	Area of Specialization	Purpose of Visit
1	2009-2010	Dr.A.Anvar Ahamed, Assistant Professor, PG & Research Department Of Commerce, E.G.S Pillai Arts And Science College Nagapattinam	Marketing	Seminar
2	2012-2013	Dr.G.Ramu, Assistant Professor, Department of Commerce, Thiru.Vi.Ka.College, Thiruvarur.	Marketing	Seminar

25. Seminars/ Conferences/Workshops organized & the source of funding

a) National: Nil b) International: Nil

26. Student profile programme/course wise.

S.No.	Name of the programme	Academic Year	Applications Received	Selected	Enrolled (F)	Pass Percentage
1.	B.Com	2009-2010	249	169	168	100
		2010-2011	240	169	167	99
		2011-2012	226	169	163	99
		2012-2013	192	169	166	81
		2013-2014	185	169	168	72

2.	M.Com	2014-2015	194	169	169	Yet to appear
		2009-2010	42	40	40	100
		2010-2011	71	52	52	100
		2011-2012	50	48	43	100
		2012-2013	43	42	41	98
		2013-2014	32	27	27	100
3.	M.Phil	2014-2015	54	52	52	Yet to appear
		2011 -2012	5	5	5	100
		2012 -2013	14	12	12	100
		2013-2014	06	06	06	100

27. Diversity of Students.

All the students of our department are from various districts of Tamil Nadu only, no students from other states.

Name of the programme	% of students from the same state	% of students from other state	% of students from abroad
B.Com	100%	-	-
M.Com	100%	-	-
M.Phil	100%	-	-

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.?

S.No.	Name of the Exam	Passed Year	No. of Students
1	SET	1997	1
2	NET	1997	1
3	NET	2001	1

29. Student progression

S. No.	Academic Year	UG to PG (%)	PG to MPhil (%)	PG to Ph.D. (%)	Ph.D to Post Doctoral (%)	Campus Selection	Other than Campus Selection	Entrepreneurship / Self-Employment
1	2008-2009	14				--	14	
2	2009-2010	35	-	-	-	--	03	-
3	2010-2011	40	8	-	-	4	09	-
4	2011-2012	61	17	-	-	--	08	-
5	2012-2013	68	10	-	-	--	06	-
6	2013-2014	59	-					-

30. Details of Infrastructural facilities

a) Library

DEPARTMENT LIBRARY

Text books	E- books	E Journal	International Journal
56	13	11	59

GENERAL LIBRARY -ADDITIONAL BOOKS PURCHASED

Year	Number of Books	Number of Journal		CD'S
		National	International	
Stock in hand	1647			
2008-2009	0091	01	---	Nil
2009-2010	0138	01	---	03
2010-2011	0118	01	---	07
2011-2012	0058	01	---	01
2012-2013	0040	01	---	16
Total	2092	05	---	27
e-Book				56

b) Internet Facilities

The STET Campus have 8 Mbps Internet connectivity based line 1:1 uncompressed and unshared on MPLS (Multi Protocol Label Switching) network dedicated on optical fiber link. The computer laboratory has 300 nodes and department has 2 nodes with Internet facility.

b) Classroom

S. No.	Class Name	Room No.	Area
1	I B.Com "A"	Vivekanandan Block II Floor A2	600 Sq ft
2	I B.Com "B"	Vivekanandan Block II Floor A3	600 Sq ft
3	I B.Com "C"	Vivekanandan Block II Floor A4	600 Sq ft
4	II B.Com "A"	Vivekanandan Block II Floor A1	600 Sq ft
5	II B.Com "B"	Vivekanandan Block II Floor C1	600 Sq ft
6	II B.Com "C"	Vivekanandan Block II Floor C2	600 Sq ft
7	III B.Com "A"	Vivekanandan Block III Floor A1	600 Sq ft
8	III B.Com "B"	Vivekanandan Block III Floor A2	600 Sq ft
9	III B.Com "C"	Vivekanandan Block III Floor A3	600 Sq ft
10	I M.Com	Vivekanandan Block II Floor C3	600 Sq ft
11	II M.Com	Vivekanandan Block II Floor C4	600 Sq ft
12	M.Phil	Vivekanandan Block II Floor A6	375 Sq ft

d) ICT facility: The Department has one smart class room with ICT facility

e) Laboratories: Nil

31. Number of students receiving financial assistance from College, University, Government or other Agencies.

S. No.	Academic Year	Agency	Nature of Assistance	No. of Beneficiaries
1	2009-2012	SC Scholarship	Government	17
		BC Scholarship	Government	36
		MBC Scholarship	Government	4
		Free ship	Management	-
		Private		3
2	2010-2013	SC Scholarship	Government	36
		BC Scholarship	Government	36
		MBC Scholarship	Government	-
		Free ship	Management	1
		Private		-
3	2011-2014	SC Scholarship	Government	20
		BC Scholarship	Government	57
		MBC Scholarship	Government	-
		Free ship	Management	3
		Private		6
4	2012-2015	SC Scholarship	Government	22
		BC Scholarship	Government	28
		Free ship	Management	1
		Private		9

32. Details on student enrichment programmes (Special lectures / workshops /seminar) with external experts.

S. No.	Academic Year	Topic	Resource Person	No. of Students Participated
1	2010-2011	Current Economic Problem In our country	N.Rajendran. Professor, Department of Economics, A.V.V.M Sri Pushpam College.Poondi.	150
2	2011-2012	Dynamics Of Globalization	Dr.J.A.Arul Chella Kumar, Special Academic Secretary to Vice Chancellor, Bharathidasan University.	200
3	2012-2013	Stock Market	Dr.M.S.Swaminathan, Professor, Department of Commerce, A.V.V.M.Sri Pushpam College, Poondi.	220

		Investment Vehicle	Dr.Rm.Chidambaram, Rtd.Professor, Alagappa University,Karikudi.	250
5	2013-2014	Entrepreneurship programme	Mr.C.Ramaswamy desai, Project director, Periyar Technological Business incubator Thanjavur.	606
		Awareness Camp For Competitive Examinations	S.Senthilkumar, M.Sc (Bio- Tehonology), Co-Ordinator, Hiyagrivar Institute, Mannargudi.	212
		Financial Planning For Young Investors	Dr.S.Mohan, Principal, Skss Arts College, Tiruppanandal, Kumbakonam.	266

33. Teaching methods adopted to improve student learning.

In addition to the chalk and talk method of teaching, the following methods are also used

- Class room interaction
- Group Discussion
- Power Point Presentations
- Case Studies
- OHP
- NPTEL
- E-Content
- N-LIST
- Internet Browsing
- Role play
- Business games
- Quiz Programme.
- Book bank
- Glossary
- Remedial class
- Bridge course

34. Participation in Institutional Social Responsibility (ISR) and Extension activities.

S.No.	Academic year	Nature of Activity	Venue	No. of Beneficiaries
1	2013-2014	Career Counselling	St.Joseph Girls Higher Secondary School, Mannargudi	50
2	2013-2014	Career Counselling	St Isabel's Girls Higher Secondary School, Pattukkottai	74
3	2013-2014	Career Counselling	Government Boys Higher Secondary School, Pattukkottai	74
4	2013-2014	Career Counselling	Oxford Matriculation Higher secondary School, Koothanallur	56

35. SWOC analysis of the department and Future plans

Strengths

- The department offers programmes up to research degree(M.Phil)
- There are 16 members of the staff, one with Ph.D degree and others with M.Phil degree, and two visiting professors with Ph.D degree
- Area of specialization of faculties includes Banking, Finance, Marketing, Human Resource Management, Personnel Management, Business Law, Auditing, etc
- The teachers guide students of PG and M.Phil programmes in their projects
- The department produces 100% result with University ranks

Weakness

- Most of the students are poor and slow learners
- The students lack communication skill
- Decline in admission in PG and M.Phil Programmes

Opportunity

- B.Com. is a Programme with diversified job opportunities.
- Vertical mobility to M.Com, ICWA, CA, Law, MCA, etc.
- Opportunity for self employment

Challenges

- To make the students to overcome language barrier
- To educate and upgrade poor and slow learners
- To motive the students to further academic progression

Future plans of the Department

- To arrange National Seminar.
- To upgrade and offer Ph.D programme.
- MOU with more companies, offices of Chartered Accountants.
- To give awareness and training on Entrepreneurship Development
- To offer Certificate course in Accounting Packages
- To offer Certificate course in Entrepreneurship & Career Development
- To apply for Minor Project

DEPARTMENT OF MATHEMATICS EVALUATION REPORT

1. Name of the Department : MATHEMATICS

2. Year of Establishment : 1994

3. Names of Programmes offered

S.No.	Programmes Offered	Year of Establishment
1	B.Sc. Mathematics	1994
2	M.Sc. Mathematics	2002

4. Names of Interdisciplinary courses and the departments/units involved

S.No.	Department	Programme	Semester	Course	Departments Involved
1	Mathematics	B.Sc.	I	Allied I – Physics - I	Physics
			II	Allied I – Physics-II Practical	
				Allied I – Physics-III	
		B.Sc.	III	Allied II – Computer Science –I	Computer Science
				NME- I- Working Principles of Internet	
			IV	Allied II – Computer Science – II Practical	
	Allied II – Computer Science – III				
	M.Sc.	IV	C++ Programming	M.C.A.	
C++ Practical					

5. Annual/semester/choice based credit system (Programme wise):

S.No.	Programme	Pattern Followed
1	B.Sc. Mathematics	Semester - Choice Based Credit System
2	M.Sc. Mathematics	

6. Participation of the department in the courses offered by other departments

S.No.	Programme	Semester	Courses	Participating Department
1.	B.Sc. Physics	I	1. Mathematics – I	Mathematics
	B.Sc. Physics	II	1. Mathematics – II 2. Mathematics - III	
2.	B.Sc. Comp. Sci	I	Algebra and Calculus	
	B.Sc. Comp. Sci	II	1. Operations Research 2. Numerical Analysis and Statistics	

3.	M.Sc. Computer Science	I	Mathematical Foundation for Computer Science
4.	M.C.A.	III	Discrete Mathematics
		IV	Probability & Statistics
		V	Optimization Techniques

7. Courses in collaboration with other universities, industries, foreign institutions, etc.: Nil

8. Details of courses/programmes discontinued (if any) with reasons: Nil

9. Number of teaching posts

S.No.	Teaching post	Sanctioned	Filled
1.	Assistant Professors	17	17

10. Faculty Profile with name, qualification, designation, specialization

S.No	Name	Qualification	Designation	Specialization	No.of Years of Teaching Experience	No.of P h.D. students guided for the last 4 years
1	Dr.U.Karthik Raja	M.Sc. M.Phil.Ph.D.	Asst. Professor	Graph Theory	5 Years	-
2	Ms. A.Yogeswari	M.Sc. M.Phil.	Asst. Professor	Modelling	14 Years	-
3	Ms. M.Sheela	M.Sc.M.Phil. B.Ed.	Asst. Professor	Fuzzy Graph	11 Years	-
4	Ms. S.Rukmani	M.Sc. M.Phil.	Asst. Professor	Intuitionis tic fuzzy	11 Years	-
5	Ms. M.Shanthi	M.Sc. M.Phil.D.I.S.	Asst. Professor	Distributiv e Lattices	9 Years	-
6	Ms. S.Suganthi	M.Sc. M.Phil.	Asst. Professor	Fuzzy Algebra	8 Years	-
7	Ms. S.Amudha	M.Sc. M.Phil.	Asst. Professor	Stochastic Processes	8 Years	-
8	Ms. A.Arulselvi	M.Sc. M.Phil.B.Ed.	Asst. Professor	Analysis	7 Years	-
9	Ms. S.Srilavanya	M.Sc. M.Phil.D.T.P.	Asst. Professor	Fuzzy measure	7 Years	-
10	Ms. R.Menaga	M.Sc. M.Phil.B.Ed.	Asst. Professor	Graph Theory	6 Years	-
11	Ms. A.Ramya	M.Sc. M.Phil.	Asst. Professor	Graph theory	5 Years	-
12	Ms. D.Udayakumari	M.Sc. M.Phil.B.Ed.	Asst. Professor	Lattices	4 Years	-
13	Ms. A.Nasrin Banu	M.Sc. M.Phil.	Asst. Professor	Bi Topologic al Spaces	3 Years	-

14	Ms. K.A.Devi	M.Sc. M.Phil.	Asst. Professor	Operations Research	1 Year	-
15	Ms. K.Tamilkani	M.Sc. M.Phil.	Asst. Professor	Topology	1 Year	-
16	Ms. N. Duraimanickam	M.Sc. M.Ed.	Asst. Professor	Numerical Analysis	1 Year	-
17	Ms. G. Shyamala	M.Sc. M.Phil.	Asst. Professor	Stochastic Processes	6 months	-

11. List of senior visiting faculty

S.No.	Name of the Visiting Faculty	Area of specialization
1	Dr.M.A. Gopalan, Head & Associate Professor of Mathematics, Saranathan College of Engineering, Trichy	Number Theory
2	Dr. Leelavathi, Head & Associate Professor of Mathematics, M.R. Govt. Arts College, Mannargudi	Topological Spaces

12. Percentage of lectures delivered and practical classes handled programme wise by temporary faculty: Nil

13. Student-Teacher Ratio (programme wise)

S.No.	Programme	Student Teacher Ratio
1	UG	30:1
2	PG	10:1

14. Number of academic support staff (technical) and administrative staff sanctioned and filled: Nil

15. Qualifications of teaching faculty with Ph.D/MPhil/PG.

S.No.	Name	Qualification
1.	Dr.U.Karthik Raja	M.Sc. M.Phil. Ph.D.
2.	Ms. A.Yogeswari	M.Sc. M.Phil.
3.	Ms. M.Sheela	M.Sc. M.Phil. B.Ed.
4.	Ms. S.Rukmani	M.Sc. M.Phil.
5.	Ms. M.Shanthi	M.Sc. M.Phil. D.I.S.M.
6.	Ms. S.Suganthi	M.Sc. M.Phil.
7.	Ms. S.Amudha	M.Sc. M.Phil.
8.	Ms. A.Arulselvi	M.Sc. M.Phil. B.Ed.
9.	Ms. S.Srilavanya	M.Sc. M.Phil. D.T.P.
10.	Ms. R.Menaga	M.Sc. M.Phil. B.Ed.
11.	Ms. A.Ramya	M.Sc. M.Phil.
12.	Ms. D.Udayakumari	M.Sc. M.Phil. B.Ed.
13.	Ms. A.Nasrin Banu	M.Sc. M.Phil.
14.	Ms. K.A.Devi	M.Sc. M.Phil.
15.	Ms. K.Tamilkani	M.Sc. M.Phil.
16.	Ms. N. Duraimanickam	M.Sc. M.Ed.
17.	Ms. G. Shyamala	M.Sc. M.Phil.

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received: Nil

17. Departmental projects funded by DST–FIST, UGC, DBT, ICSSR, etc. and total grants received: Nil

18. Research Centre/facility recognized by the University: Nil

19. Publications:

S.No.	Name of the Faculty	Total No. of Papers Published	Type of Article			Impact Factor	Conference
			National	International	Proceeding		
1	Dr.U.Karthik Raja	8	4	2	2	3.176	7
2	Ms. A.Yogeswari	4	-	3	1	4.758	11
3	Ms. M.Sheela	5	1	3	1	1.67	5
4	Ms. S.Rukmani	1	-	1	-	1.4	4
5	Ms. S. Suganthi	6	1	4	1	2.8312	6
6	Ms. A.Arulselvi	-	-	-	-	-	2
7	Ms. S. Srilavanya	-	-	-	-	-	1
8	Ms. A.Ramya	-	-	-	-	-	1
9	Ms. D. Udayakumari	-	-	-	-	-	1
10	Ms. A.Nasrin Banu	-	-	-	-	-	2

20. Areas of consultancy and income generated: Nil

21. Faculty as members in Editorial Board: Nil

22. Student projects

a) Percentage of students who have done in-house projects including interdepartmental/programme M.Sc., Mathematics

S.No.	Batch	No. of students	Percentage(%)
1.	2008-2010	31	100
2.	2009-2011	39	100
3.	2010-2012	39	100
4.	2011-2013	39	100
5.	2012-2014	51	100

b) Percentage of students placed for projects in organizations outside the institution i.e. in Research laboratories /Industry/ other agencies: Nil

23. Awards/Recognitions received by faculty and students

Student Recognition - Curricular Awards:

Programme	Batch	Name of the Student	Name of the Awardee	Nature of Recognition
B.Sc. Mathematics	2006-2009	V.G. Michael Florence	Ganesan Renganayaki, Mannargudi	University III Rank
		P. Sudha	Thirumathi Krishnaveni Vivekanandam & Sandha Venkatraman Gold Medal	University I Rank in Part I Tamil
	2007-2010	G. Nithya	Ganesan Renganayaki Mannargudi	University IX Rank
	2008-2011	K. Gomathi	Ganesan Renganayaki Mannargudi	University V Rank
	2009-2012	M. Dhivya	Ganesan Renganayaki Mannargudi	University VI Rank
		B. Saliha Irfana	Dr. C.A.K. Gold Medal & Rukmani Gas Agencies	Best Outgoing Student
	2010-2013	S. Sadhana	Ganesan Renganayaki Mannargudi	University I Rank
		J. Chitra	Thirumathi Krishnaveni Vivekanandam & Sandha Venkatraman Gold Medal	University I Rank in Part I Tamil
M.Sc. Mathematics	2007-2009	P. Reka	L.S. Enterprises & Earth Movers	University VII Rank
	2008-2010	M. Prathipa	L.S. Enterprises & Earth Movers	University III Rank
	2009-2011	K. Tamilkani	L.S. Enterprises & Earth Movers	University III Rank
	2010-2012	P. Dhivya	L.S. Enterprises & Earth Movers	University III Rank
	2011-2013	R.B. Nirmala Devi	L.S. Enterprises & Earth Movers	University I Rank

Student Recognition – Extra Curricular Awards:

S. No	Academic Year	Name	Event	Place	Prize
1.	2009 -2010	P. Divya	Essay Competition	Pagutharivalar Kazhagam, Thiruvarur	Rs. 1000
2.	2009 -2010	M. Durga	Tamil Speech	Navalar Na.Mu. Venkadasamy Nattar, Tiruvarul College, Thanjavur	Rs. 2000
3.	2010 -2011	S. Sivapriya	Tamil Oratorical	Navalar Na.Mu. Venkadasamy Nattar, Tiruvarul College, Thanjavur	Rs.2000
4.	2010 - 2011	M. Dhivya	Tamil Essay	Bharathidasan University - Trichy	III Prize
5.	2011 -2012	S.Sadhana	Proficiency Test in	Shakespeare institute	II Prize

			English	of English Studies	
6.	2011-2012	M. Vinothini	Creative Writing	Shakespeare institute of English Studies	III Prize
7.	2011-2012	B. Saliha Irfana	Inter College English Elocution Competition	Srimathi Indira Gandhi College - Trichy	III Prize
8.	2012 - 2013	S. Sadhana	Creative Writing	Shakespeare institute of English Studies	I Prize
9.	2013- 2014	A.Priyanga	Scene freeze Dumb Show	Idhaya College For Women Kumbakonam	II Prize
10.	2013- 2014	M. Dhivya	Tamil Oratorical & Essay Competition	Chithambaram pillai College - Trichy	III Prize
11.	2013 -2014	M.Shanthi	Cholamandalam chess Tournament	Thiruthuraipoondi Chess club	VI Prize

24. List of eminent academicians and scientists/visitors to the department

S.No.	Academic Year	Name of the Visiting faculty	Area of Specialization	Purpose of Visit
1	2009-2010	Dr.T.Vasanthi, Associate Prof. in Mathematics, A.D.M College for Women, Nagapattinam	Fuzzy Mathematics	Seminar
2	2010-2011	Dr. Chandrasekaran, Associate Prof. in Mathematics, K.M.College, Adhirampattinam	Coding Theory	Seminar
3.	2011-2012	Dr. G. Nirmala, Associate Prof. in Mathematics, K.N.G college for women Thanjavur	Fuzzy Algebra	Seminar
4.	2012-2013	Mr.T.Lenin, Associate Prof. in Mathematics, K.M.College, Adhirampattinam	Graph Theory	Seminar
5.	2013-2014	Dr. N. Selvi, Associate Prof. in Mathematics, A.D.M. College for Women, Nagapattinam	Graph Theory	Seminar

25. Seminars/Conferences/Workshops organized & the source of funding Agency:

S.No.	Academic Year	Title of the Seminar	Resource person	No. of Benefitted	Name of the Funding Agency
1	2009-2010	Some Important Results on Number Theory	Dr.M.A.Gopalan, Associate Prof. in Mathematics, Saranathan Engineering College Trichy	155	Sengamala Thayaar Educational Trust
2	2010-2011	Applications of Mathematical	Dr.R.Sophiya Porchelvi, Associate Prof. in	152	Sengamala Thayaar

		software's	Mathematics, A.D.M College for Women Nagapattinam		Educational Trust
3	2011-2012	Study of Mathematics in Fuzzy Environment	Dr.Thangaraj Beula, Associate Prof. in Mathematics , T.B.M.L. College, Poraiyar	187	Sengamala Thayaar Educational Trust
4	2012-2013	Genetic Algorithm with Fuzzy Environment	Dr. G. Nirmala, Associate Prof. in Mathematics , K.N.G. Arts College Thanjavur	185	Sengamala Thayaar Educational Trust
5	2013-2014	Applications of Graph Theory in Daily Life	Dr. A. Edward Samuel, Assistant Prof. in Mathematics, Govt. College for Men, Kumbakonam	192	Sengamala Thayaar Educational Trust

26. Student profile programme/course wise

B.Sc., Mathematics					
S.No.	Batch	No. of Applications Received	Selected	No. of Students Enrolled	Pass Percentage
1	2007 – 2010	161	156	104	100
2	2008 – 2011	173	148	104	100
3	2009 – 2012	321	174	164	100
4	2010 - 2013	285	196	164	97
5	2011 - 2014	272	199	165	94

M.Sc., Mathematics					
S.No.	Batch	No. of Applications Received	Selected	No. of Students Enrolled	Pass Percentage
1	2008 – 2010	46	45	31	100
2	2009 – 2011	49	49	39	100
3	2010 – 2012	63	39	39	97
4	2011 – 2013	59	49	39	97
5	2012 – 2014	67	60	54	98

27. Diversity of Students

S.No.	Batch		% of Students from the same state	% of students from other states
	UG	PG		
1.	2007 – 2010	2008 – 2010	100	-
2.	2008 – 2011	2009 – 2011	100	-
3.	2009 – 2012	2010 – 2012	100	-
4.	2010 - 2013	2011 – 2013	100	-
5.	2011 - 2014	2012 – 2014	100	-

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.?

S.No.	Name of the Exam	Year of Examination	No of Students Passed
1.	TET	2012	4
2.	Bank Exam	2013	1
3.	TET	2013	3
4.	TNPSC Group IV	2014	1

29. Student progression

S.No.	Batch	UG to PG (%)	PG to M.Phil. (%)	PG to Ph.D. (%)	Campus Selection	Other than Campus Selection	Entrepreneurship / Self-Employment
1.	2006-2009	82	68	-	2	-	-
2.	2007-2010	87	80	-	-	-	-
3.	2008-2011	77	51	-	-	-	-
4.	2009-2012	79	68	-	1	3	-
5.	2010-2013	85	74	-	-	3	-

30. Details of Infrastructural facilities

a) Library

S.No.	Library	Capacity	Area
1.	General Library	100 Seating	5310 Sq Ft
2.	MBA and MCA Library	80 Seating	

b) Internet Facilities

The STET Campus have 8 Mbps Internet connectivity leased line 1:1 uncompressed and unshared on MPLS (Multi Protocol Label Switching) network dedicated on optical fiber link. Our department has 2 nodes with Internet facility using Wi-Fi connectivity.

c) Classroom

S.No.	Class Name	Room No.	Area
1.	I Maths A	Dr. V.V. Block IIF 1	30 x 20 ft
2.	I Maths B	Dr. V.V. Block IIF 2	30 x 20 ft
3.	I Maths C	Dr. V.V. Block IIF 3	30 x 20 ft
4.	II Maths A	Dr. V.V. Block IIF 4	30 x 20 ft
5.	II Maths B	Dr. V.V. Block IIF 6	30 x 20 ft
6.	II Maths C	Dr. V.V. Block IIF 7	30 x 20 ft
7.	III Maths A	Dr. V.V. Block IF 3	30 x 20 ft
8.	III Maths B	Dr. V.V. Block IF 4	30 x 20 ft
9.	III Maths C	Dr. V.V. Block IF 6	30 x 20 ft
10.	I M.Sc., Maths	Dr. V.V. Block IF 7	30 x 20 ft
11.	II M.Sc., Maths	Dr. V.V. Block GF 10	30 x 20 ft

d) Vedic Mathematics Class

Digital Dish Antenna system has been installed for the mathematics students to learn shout cut methods to do problems quickly by accessing the active Vedic Mathematics Channel.

e) Class Room with ICT facility

The Department has one smart class room with ICT facility.

31. Number of students receiving financial assistance from College, University, Government or other agencies

S.No.	Academic Year	Agency	Type of Scholarship	No.of Students Benefitted
1.	2010-2011	Government	SC Scholarship	77
		Alumnae	Cash award (Rs. 1000/-)	1
		Co- operative Society	Cash award (Rs. 1000/-)	1
2.	2011-2012	Government	SC Scholarship	43
		Private	Sitaram Jindal Foundation,Bangalore	1
3.	2012-2013	Government	SC Scholarship	59
		Management	Concession on Mess Fees	1
		Alumnae	Cash award (Rs. 1000/-)	1
		Management	Full Fees concession on College Fees	1
4.	2013-2014	Government	SC Scholarship	43
		Government	Department of ADI Dravidar and Tribal Welfare	7
		Management	Full Fees concession on College Fees	2
		Management	concession on Mess Fees	1
5.	2014 - 2015	Private	Anandham Youth foundation	1

32.Details on student enrichment programmes (special lectures/workshops/seminar) with external experts

S.No	Academic Year	Topic	Resource person	No.of Students Benefitted
1	2009-2010	Some Important Results On Number Theory	Dr.M.A.Gopalan, Associate Prof. in Mathematics , Saranathan Engineering College Trichy	155
2	2010-2011	Applications of Mathematical softwares	Dr.R.Sophiya Porchelvi, Associate Prof. in Mathematics , A.D.M. College for Women,Nagapattinam	152
3	2011-2012	Study of Mathematics in Fuzzy Environment	Dr.Thangaraj Beula, Associate Prof. in Mathematics T.B.M.L. College, Poraiyar	187
4	2012-2013	Genetic Algorithm with Fuzzy Environment	Dr. G. Nirmala, Associate Prof. in Mathematics,K.N.G. Arts College, Thanjavur	185
5	2013-2014	Applications of Graph Theory in Daily Life	Dr. A. Edward Samuel, Assistant Prof. in Mathematics, Govt. College for Men, Kumbakonam	192

33. Teaching methods adopted to improve student learning

In addition to the chalk and talk method of teaching, the following methods are also used

- Wall Magazines
- Special Coaching for Slow Learners
- Continuous Internal assessment Test
- Cycle Test
- Group Discussion
- Seminars
- Class room interaction
- Quiz
- Power Point Presentations
- OHP
- NPTEL
- e-Content
- N-LIST
- Internet Browsing
- Glossary
- Bridge Course
- Objective Type Questions
- Two Mark Questions

34. Participation in Institutional Social Responsibility (ISR) and Extension activities

Nil

35. SWOC analysis of the department and Future plans

Strengths

- Good Infrastructure/ Environment
- Faculties with specialization in thrust areas such as Fuzzy Set Theory, Modelling, Analysis, Algebra
- Secure good results and top ranks in university examination
- Rare collection of the books in the library (Vedic Mathematics)
- Participation of students in intercollegiate competition.

Weakness

- Average learners at entry level
- Students from rural areas with less awareness in academic progression

Opportunities

- Free access to internet provides opportunities to enhance the research initiatives of the staff
- Students once enter the campus can pursue higher studies up to M. Sc
- Increasing demand for mathematics teachers in schools and more number of colleges of education in the neighbourhood to pursue B.Ed programme
- Option of progression to MCA/M.Sc. Mathematics

Challenges

- Creamy layer of plus two students prefer professional courses
- Poor learners with less academic exposure
- Medium of communication to rural based students

Future Plan of the Department

- To Publish more research papers and books by staff members
- To arrange competitive exam coaching classes
- To Start M.Phil. Programme
- To conduct the National Seminar/Conference
- To motivate all staff members to register Ph.D.,
- To strengthen alumini network
- To arrange coaching classes for International Mathematics Competition for University Students

DEPARTMENT OF COMPUTER SCIENCE EVALUATION REPORT

1. Name of the Department : **COMPUTER SCIENCE**
 2. Year of Establishment : **1994**
 3. Names of Programmes offered :

S. No.	Programmes Offered	Year of Establishment
1	B.Sc. Computer Science	1994
2	M.Sc. Computer Science	1997
3	M.Sc. Information Technology	2001
4	M.Phil. Computer Science	2011
5	Ph.D. Computer Science	2011

4. Names of Interdisciplinary courses and the departments/units involved

S. No.	Department	Programme	Semester	Course	Departments Involved
1	Computer Science	B.Sc.	I	Algebra and Calculus	Mathematics
		B.Sc.	II	1. Operations Research 2. Numerical Analysis and Statistics	
2		B.Sc.	III	1. Applied Physics – I 2. Energy physics	Physics
		B.Sc.	IV	1. Applied Physics – II 2. Applied Physics – III 3. Laser Physics	
3		M.Sc.	I	Mathematical Foundations for Computer Science	Mathematics

5. Annual/ semester/choice based credit system (Programme wise)

S.No.	Programme	Pattern followed
1	B.Sc. Computer Science	Semester - Choice Based Credit System
2	M.Sc. Computer Science	
3	M.Sc. Information Technology	
4	M.Phil. Computer Science	
5	Ph.D. Computer Science	

6. Participation of the department in the courses offered by other departments.

S. No.	Department	Semester	Courses	Participating Department
1	B.Sc. Mathematics	III	1. Computer Science - I 2. Working principles of Internet	Computer Science
		IV	1. Computer Science – II 2. Computer Science – III 3. Recent trends in Enterprise IT	
2	B.Sc. Physics	III	1. Computer Science - I 2. Working principles of Internet	
		IV	1. Computer Science – II 2. Computer Science – III 3. Recent trends in Enterprise IT	
3	B.Sc. Biochemistry	III	Computer Science – I	
		IV	1. Computer Science – II 2. Computer Science – III	

7. Courses in collaboration with other universities, industries, foreign institutions, etc.:

S.No.	Name of the Organization	Purpose of collaboration	Date of Signing
1	Elysium Technologies Pvt. Ltd., Madurai	1. Placement 2. Research and Training	22.03.2013
2	SABRE IT Solutions Pvt. Ltd., Chennai	1. Placement 2. Research and Training	22.03.2013
3	Target Soft Systems, Chennai	1. Research and Training	23.03.2013

8. Details of course / programmes discontinued (if any) with reasons: Nil

9. Number of teaching posts

S.No.	Teaching post	Sanctioned	Filled
1	Asst. Professors	21	21

10. Faculty profile with name, qualification, designation, specialization.

S. No.	Name of the Faculty	Qualification	Designation	Specialization	No. of Years of Teaching Experience	No. of Ph.D. students guided for the last 4 years
1	V.Geetha	M.Sc. M.Phil. B.Ed.	HOD	Data Mining	13 yrs	-
2	Dr.S.Pradeep Gnanam	M.C.A. Ph.D.	Asst. Prof.	Science and Humanities	15 yrs	-
3	S.Sayi Priya	M.Sc. M.Phil. B.Ed.	Asst. Prof.	Computer Networks	9 yrs 6 months	-
4	R.Anitha	M.Sc. M.Phil.	Asst. Prof.	Software Engineering	7 yrs 6 months	-
5	R.Bhuvanapriya	M.Sc. M.Phil. B.Ed.	Asst. Prof.	Computer Networks	7yrs	-
6	R.Manjupargavi	M.Sc. M.Phil. B.Ed.	Asst. Prof.	Data Mining, Network Security	11 yrs 2 months	-
7	N.Subhalakshmi	M.Sc. M.Phil.	Asst. Prof.	Network Security	7 yrs	-
8	K.Savima	M.Sc. M.Phil.	Asst. Prof.	Network Security	9 yrs	-
9	R. Vijayalakshmi	M.Sc. M.Phil.	Asst. Prof.	Computer Networks	7yrs	-
10	J.Sangeetha	M.Sc. M.Phil. B.Ed.	Asst. Prof.	Computer Networks	5yrs	-
11	R.Akilandeswari	M.Sc. M.Phil.	Asst. Prof.	Data Mining	6 yrs	-
12	G.Devi	M.Sc. M.Phil. B.Ed.	Asst. Prof.	Computer Networks	5yrs	-
13	J.Revathi	M.Sc. M.Phil. B.Ed.	Asst. Prof.	Computer Networks	4 yrs 1 month	-
14	C.Jasmine	M.Sc. M.Phil.	Asst. Prof.	Computer Networks	3 yrs 5 months	-

15	J.B.Geetha	M.Sc. M.Phil.	Asst. Prof.	Network Security	9 yrs	-
16	S.Ramya	M.C.A. M.Phil.	Asst. Prof.	Network Security	1 yr 7 months	-
17	S.Mekala	M.Sc. M.Phil. D.T.Ed.	Asst. Prof.	Network Security	1 yr 7 months	-
18	V.Mangaiyarkarasi	M.C.A. M.Phil.	Asst. Prof.	Network Technology	1 yr 7 months	-
19	S.Sangeetha	M.C.A. M.Phil.	Asst. Prof.	Data Mining	7 months	-
20	S.Rajeswari	M.Sc. M.Phil.	Asst. Prof.	Data Mining	3 yrs 9 months	-
21	S.Santhosi	M.C.A. M.Phil.	Asst. Prof.	Network Security	1 month	-

11. List of senior visiting faculty.

S. No.	Name of the Visiting Faculty	Area of specialization	Date of Visit
1	Dr.P.Valarmathie	Data Mining and Data Warehousing	09.06.2012
2	Mr. A. Rama Shankar	Dot Net	02.03.2013

12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty.

S. No.	Year	Duration	Faculty Name	Class	Subject	Lab handled
1	2013	02.12.2013 to 10.04.2014	N.Jothilakshmi	III B.Sc. CS III B.Sc. CS I B.Sc. CS	Dot Net, Microprocessor and its Application, Value Education	Microprocessor Lab
2	2013	02.12.2013 to 10.04.2014	S.Saranya	II B.Sc. CS I M.Sc. IT II B.Sc. Mathematics	Page Maker, Data Mining and Warehousing, Recent Trends in Enterprise IT	'C' Programming Lab

13. Student -Teacher Ratio (programme wise)

S. No.	Programme	Student – Teacher Ratio
1	UG	26:1
2	PG	5:1
3	M.Phil.	4:1

14. Number of academic support staff (technical) and administrative staff sanctioned and filled.

S. No.	Designation	Sanctioned & Filled
1	System Administrator	2
2	Programmer	1
3	Lab Assistants	4

15. Qualifications of teaching faculty with Ph.D/ MPhil / PG.

S.No.	Name	Qualification
1	Ms. V.Geetha	M.Sc. M.Phil. B.Ed.
2	Dr.S.Pradeep Gnanam	M.C.A. Ph.D.
3	Ms. S.Sayi Priya	M.Sc. M.Phil. B.Ed.
4	Ms. R.Anitha	M.Sc. M.Phil.
5	Ms. R.Bhuvanapriya	M.Sc. M.Phil. B.Ed.
6	Ms. R.Manjupargavi	M.Sc. M.Phil. B.Ed.
7	Ms. N.Subhalakshmi	M.Sc. M.Phil.
8	Ms. K.Savima	M.Sc. M.Phil.
9	Ms. R.Vijayalakshmi	M.Sc. M.Phil.
10	Ms. J.Sangeetha	M.Sc. M.Phil. B.Ed.
11	Ms. R.Akilandeswari	M.Sc. M.Phil.
12	Ms. G.Devi	M.Sc. M.Phil. B.Ed.
13	Ms. J.Revathi	M.Sc. M.Phil. B.Ed.
14	Ms. C.Jasmine	M.Sc. M.Phil.
15	Ms. J.B.Geetha	M.Sc. M.Phil.
16	Ms. S.Ramya	M.C.A. M.Phil.
17	Ms. S.Mekala	M.Sc. M.Phil. D.T.Ed.
18	Ms. V.Mangayarkarasi	M.C.A. M.Phil.
19	Ms. S.Sangeetha	M.C.A. M.Phil.
20	Ms. S.Rajeswari	M.Sc. M.Phil.
21	Ms. S.Santhosi	M.C.A. M.Phil.

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received: Nil

17. Departmental projects funded by DST – FIST, UGC, DBT, ICSSR, etc. and total grants received:

Funds received from other Agency:

We have received funds from Sabre IT Solutions Pvt. Ltd., Chennai to enhance our computer laboratory and from M/S. Sabre Publications Services, Chennai for our PG and research projects.

S.No.	Year	Purpose	Total Funds Received
1	2013	To enhance Computer Laboratory	5,23,000

S. No.	Academic Year	Programme	No. of Projects	Fund Received	Total Funds Received
1	2009-2010	M.Sc. Computer Science	10	1,81,500	9,12,000
2	2010-2011	M.Sc. Computer Science	10	1,82,000	
3	2011-2012	M.Sc. Computer Science	10	1,87,500	
		M.Phil. Computer Science	03		
4	2012-2013	M.Sc. Computer Science	10	1,78,000	
		M.Phil. Computer Science	03		
5	2013-2014	M.Sc. Computer Science	10	1,83,000	
		M.Phil. Computer Science	03		

18. Research Centre /Facility recognized by the University: M.Phil, Ph.D.

S.No.	Programme Name	Year of Establishment	PT / FT	Reference No.
1.	M.Phil.	2011	Full Time	35037/D2/2011
2.	Ph.D.	2011	Part Time	35038/D2/2011

S.No.	Name	Designation	No. of Students Guiding
1.	Dr.M.V.Srinath	Research Advisor, Director of M.C.A	8

19. Publications.

S. No	Name of the Faculty	Total No. of Papers Published		Impact Factor	Seminar		Conference		Books / Books Chapters Edited
		National	International		National	International	National	International	
1	Dr.S.Pradeep Gnanam	-	3	1.361	3	-	8	3	2
2	Ms.V. Geetha	-	2	-	3	-	2	-	-
3	Ms. S.Sayi Priya	-	-	-	1	-	1	-	-
4	Ms. R. Anitha	-	1	0.425	1	-	1	-	-
5	Ms. R.Bhuvanapriya	-	-	-	1	-	2	-	-
6	Ms. R.Manjupargavi	-	1	-	3	-	2	-	-
7	Ms. N.Subhalakshmi	-	-	-	2	-	2	-	-
8	Ms. K.Savima	-	-	-	3	-	2	-	-
9	Ms. R.Vijayalakshmi	-	-	-	1	-	2	-	-
10	Ms. J.Sangeetha	-	-	-	-	-	2	-	-
11	Ms. R.Akilandeswari	-	-	-	-	-	2	-	-
12	Ms. G.Devi	-	-	-	-	-	2	-	-
13	Ms. J.Revathi	-	-	-	-	-	2	-	-
14	Ms. C.Jasmine	-	-	-	1	-	2	-	-
15	Ms. J.B.Geetha	-	-	-	1	-	1	-	-
16	Ms. S.Ramya	-	-	-	-	-	1	-	-
17	Ms. S.Mekala	-	-	-	-	-	1	-	-

S. No	Name of the Faculty	Total No. of Papers Published		Impact Factor	Seminar		Conference		Books / Books Chapters Edited
		National	International		National	International	National	International	
18	Ms. V.Mangayarkarasi	-	-	-	1	-	1	-	-
19	Ms. S. Sangeetha	-	-	-	-	-	2	-	-
20	Ms. S. Rajeshwari	-	-	-	1	-	-	-	-
21	Ms. S. Santhosi	-	-	-	2	-	-	-	-
Total		-	07	1.786	24	-	38	3	2

20. Areas of consultancy and income generated:

S. No	Nature of the Programme	Academic Year	Beneficiaries and Venue	No. of Beneficiaries	Outcome
1	Computer Awareness Programme	2012-2013	Women Self Help Groups, Village Panchayat Secretary, Serumangalam.	40	1. To reduce the manual work 2. To adapt themselves with Recent Trends in ICT
		2013-2014	Women Self Help Groups, Village Panchayat Secretary, Karikottai.	45	
			Students of Nutrition and Dietetics and Chemistry, STET Women's College, Mannargudi.	349	
			Elite Group Students, STET Women's Collge, Mannargudi	100	
		2014-2015	Students of Nutrition and Dietetics and Chemistry, STET Women's College, Mannargudi.	311	
3	Website Development	2013-2014	Henkal Spic India Ltd, Thirunallar.	40	To promote business
4	Software Development	2010-2011	College students, Ullikkottai.	05	1. To develop students Programmin g skills 2. To 3. computerize Invoice work
		2011-2012	College students, Mannargudi.	08	
		2012-2013	College students, Karikottai.	05	
			Sree Surendar Agencies, Pattukkottai	10	
		2013-2014	College students, Serumangalam.	05	
			Prabhu Blood Test Lab, Mannargudi.	05	

21. Faculty as members in a) National committees b) International Committees c)

Editorial Boards.....:

S.No.	Name of the Faculty	National Committees	International Committees
1	Ms. V. Geetha	CSTA,ISCA	IACSIT, ISQEM
2	Ms. S. Sayi Priya	CSTA	IACSIT, ISQEM
3	Ms. R. Anitha	CSTA	IACSIT, ISQEM
4	Ms. R. Bhuvanapriya	CSTA	IACSIT, ISQEM
5	Ms. R. Manjupargavi	CSTA	IACSIT, ISQEM
6	Ms. N. Subhalakshmi	CSTA	IACSIT, ISQEM
7	Ms. K. Savima	CSTA,ACM,ISCA	IACSIT, ISQEM
8	Ms. R. Vijayalakshmi	-	IACSIT, ISQEM
9	Ms. J. Sangeetha	-	IACSIT, ISQEM
10	Ms. R. Akilandeswari	-	IACSIT, ISQEM
11	Ms. G. Devi	-	IACSIT, ISQEM
12	Ms. J.Revathi	-	IACSIT, ISQEM
13	Ms. C.Jasmine	CSTA	IACSIT, ISQEM
14	Ms. J.B.Geetha	-	IACSIT, ISQEM
15	Ms. S.Ramya	-	IACSIT, ISQEM
16	Ms. S.Mekala	-	IACSIT, ISQEM
17	Ms. V.Mangayarkarasi	CSTA	IACSIT, ISQEM
18	Ms. S. Sangeetha	-	IACSIT, ISQEM
19	Ms. S. Rajeshwari	CSTA	IACSIT, ISQEM
20	Ms. S. Santhosi	-	IACSIT, ISQEM

22. Student projects

- a) Percentage of students who have done in-house projects including inter departmental / programme.

B.Sc., Computer Science			
S.No.	Batch	No. of students	Percentage
1	2007 - 2010	7	6.60
2	2008 - 2011	14	12.8
3	2009 - 2012	31	20
4	2010 - 2013	29	18.2
5	2011 - 2014	32	19.16

- b) Percentage of students placed for projects in organizations outside the institution i.e. in Research laboratories / Industry / other agencies.

B.Sc., Computer Science			
S.No.	Batch	No. of students	Percentage
1	2007-2010	99	93.3
2	2008-2011	95	87
3	2009-2012	124	80
4	2010-2013	130	81.76
5	2011-2014	135	80.8
M.Sc., Computer Science			

S.No.	Batch	No. of students	Percentage
1	2008-2010	18	100
2	2009-2011	24	100
3	2010-2012	33	100
4	2011-2013	22	100
5	2012-2014	32	100
M.Sc., Information Technology			
S.No.	Batch	No. of students	Percentage
1	2008-2010	34	100
2	2009-2011	30	100
3	2010-2012	32	100
4	2011-2013	38	100
5	2012-2014	29	100
M.Phil., Computer Science			
S.No.	Batch	No. of students	Percentage
1	2011-2012	13	100
2	2012-2013	13	100
3	2013-2014	08	100

23. Awards / Recognitions received by faculty and students.

Student Membership:

S. No.	Academic Years	Programme	No. of Students	Membership
1	2013-2014	M.Sc., Computer Science	32	CSI
		M.Sc., Information Technology	29	
2	2014-2015	M.Sc., Computer Science	33	
		M.Sc., Information Technology	19	

Student Recognition:

S. No.	Academic Years	Name of the Awardees	Name of the Student Recipients	Nature of the Recognition
1	2009-2010	Ganesan Renganayaki , Mannargudi	M.B.Sulthana Farvin	University Rank
		Senbagam Srinivasan	K.M.Meena	
		Smt. Gnanambal Memorial	R. Manopriya	
		STET Alumnae Award	A.Sharmiladevi	Overall Proficiency in English
		Management	N. Sujitha	N.S.S.Secretary
2	2010-2011	Ganesan Renganayaki, Mannargudi	P.Praveena	University Rank
		Senbagam Srinivasan	G.Bharathiselvi	
		Smt. Gnanambal Memorial	R.Abirami	
		STET Alumnae Award	R.Muhila	Overall Proficiency

S. No.	Academic Years	Name of the Awardees	Name of the Student Recipients	Nature of the Recognition
		District Tamil Club	K.Chandraleka	Tamil Oratorical- Third
		Navalar Na Mu Venkadaswami Nattar College, Thanjavur	K.Chandraleka	Tamil Oratorical (Consolation Rs.2000)
		Shakespeare Institute of English Studies	N.Sandiya	Tenth Rank in State Level (Consolation Rs.300)
		Management	S.Ashika Farvin	Fine Arts Secretary
3	2011-2012	Ganesan Renganayaki , Mannargudi	S.Nandhini	University Rank
		Senbagam Srinivasan	M.Vetriselvi	
		Smt. Gnanambal Memorial	A.H.M.Noornisha	
		Rukmani Gas agency Award and Dr. K. Ramasamy - Vice Chancellor, Karpagam University, Coimbatore	A.H.M.Noornisha	Best Outgoing
		Indra Gandhi College, Trichy	N.Sandiya	Carnatic Vocal Third
		Management	V.Vidhya	N.S.S.Secretary
		Management	D.Nidhya	Fine Arts Secretary
4	2012-2013	Ganesan Renganayaki, Mannargudi	M.Jagathasri	University rank
		Senbagam Srinivasan	B.Sindhu	
		Smt. Gnanambal Memorial	T.Pushpadevi	
		STET Alumnae Award	A.Rahamath Sahana	Overall Proficiency in English
		Bharath College, Thanjavur	V.Ramya R.Gayathri	Quiz Competition First
		Nethaji Subashchandra Bose College, Thiruvarur	S. Sulochana	Tamil Speech – Second
		Indra Gandhi College, Trichy	S.Sulochana	Tamil Oratorical Contest Third
		Management	V.Ramya	N.S.S.Secretary
5	2013-2014	Ganesan Renganayaki , Mannargudi	V.Ramya	University Rank
		Senbagam Srinivasan	A.Jenbaga Lakshmi	
		Smt. Gnanambal Memorial	S.Asar Nisha	
		STET Alumnae Award	V.Ramya	Overall Proficiency in English
		Marudupandiyar College, Thanjavur CONNAISSANCE-2K14	B.Keerthana	Debugging – First
			N.Muthazhaki	
			S.Sasikala	Debugging – Third
			N.Sathyaveni	
			B.Keerthana	Dumb charades - Second
			N.Muthazhaki	
S.Sasikala	Dumb charades – Third			
N.Sathyaveni				
S.Devi	Paper presentation – First			
S.Sathya	Paper presentation – Third			

S. No.	Academic Years	Name of the Awardees	Name of the Student Recipients	Nature of the Recognition
			M.Keerthana	Quiz Competition – First
			M.Lakshmipriya	
			K.Sivakami	Quiz Competition – Third
			K.karthika	
		Idhaya Women's College, Kumbakonam NATIONAL LEVEL TECHNICAL MEET- NLTM-2Z14	R.Sakthipriya	Marketing Advertisement – Second
			V.Akilandeswari	
			M.Kanimozhi	
			N.Varshadevi	Spot the words – First
			V.Jothi	Spot the words – Third
			M.Dharani	Connection – Third
		Nethaji Subash chandra Bose College, Thiruvapur	S. Sulochana	Healthy Youth Healthy India English Speech - First

Staff Recognition

S.No.	Staff Name	Recognition
1	Ms. V.Geetha	External Examiner for Central Valuation, Practical Examinations and M.Phil., Viva Voce in BDU,Trichirapalli. Question Paper Setter for A.V.C. College, Mayiladudhurai and Periyar Maniyammai University, Vallam.
2	Dr.S.Pradeep Gnanam	Got a best teacher award (2010 – 2011). Guest Lecture given in Web Graphics, Visual Programming and Multimedia Systems. Workshop delivered in the topic Multimedia, Acted as Anna University Representative (2009 – 2010). Acted as Chief Superintendent for the Anna University Examinations.
3	Ms. S.Sayi Priya	External Examiner for Central Valuation and Practical Examinations in BDU,Trichirapalli
4	Ms. R.Anitha	External Examiner for Central Valuation and Practical Examinations in BDU,Trichirapalli
5	Ms. R.Bhuvanapriya	External Examiner for Central Valuation and Practical Examinations in BDU,Trichirapalli
6	Ms. R.Manjupargavi	External Examiner for Central Valuation and Practical Examinations in BDU,Trichirapalli
7	Ms. N.Subhalakshmi	External Examiner for Central Valuation and Practical Examinations in BDU,Trichirapalli
8	Ms. K.Savima	External Examiner for Central Valuation and Practical Examinations in BDU,Trichirapalli
9	Ms. R.Vijayalakshmi	External Examiner for Central Valuation in BDU,Trichirapalli
10	Ms. J.Sangeetha	External Examiner for Central Valuation in BDU,Trichirapalli
11	Ms. R.Akilandeswari	External Examiner for Central Valuation in BDU,Trichirapalli

24. List of eminent academicians and scientists / visitors to the department.

S. No.	Department	Academic Year	Name of the Visiting faculty	Area of Specialization	Purpose of Visit
1	Computer Science	2010-2011	S. Ramasamy, Chairman, Computer Society of India, Chennai.	Computer Education	CSI Inauguration
2		2011-2012	Dr.J. G. Sheshasaayee, President, ICT Academy Of Tamilnadu, Chennai.	Data Mining	National Conference
			Dr. E. Ramganes, Director, Council For College And Curricular Development, Associate Professor, Dept.Of Educational Technology, BDU, Trichirappalli.	Human Psychology	Faculty Development Programme
			Dr.Paul Rodriques, Dean, Vellammal Engineering College, Chennai.	Computer Networks	National Conference
			Dr.K.Dhinakaran, Professor Department of Computer Science and Engineering, R.M.D Engineering College, Chennai.	Data Mining	National Conference

25. Seminars/ Conferences/Workshops organized & the source of funding

a) National:

Our Department conducted a National Conference on “Emerging Trends in Computer science” – NCETCS-12 on 20th January 2012. This Conference was funded by Sabre IT Solutions Pvt. Ltd, Chennai and supported by Computer Society of India (CSI), Chennai.

b) International: Nil

26. Student profile programme / course wise.

B.Sc., Computer Science

S. No.	Batch	Name of the Course / Programme	Application Received	Selected	Enrolled Male/Female	Pass Percentage
1	2008 - 2011	B.Sc., Computer Science	281	117	Female	100
2	2009 - 2012		270	165		100
3	2010 - 2013		302	170		100
4	2011 - 2014		298	172		100

M.Sc., Computer Science

S. No.	Batch	Name of the Course / Programme	Application Received	Selected	Enrolled Male/ Female	Pass Percentage
1	2009 - 2011	M.Sc. Computer Science	30	27	Female	100
2	2010 - 2012		39	33		100
3	2011 - 2013		26	24		100
4	2012 - 2014		35	33		100

M.Sc., Information Technology

S. No.	Batch	Name of the Course / Programme	Application Received	Selected	Enrolled Male/ Female	Pass Percentage
1	2009 - 2011	M.Sc. Information Technology	38	32	Female	100
2	2010 - 2012		34	33		100
3	2011 - 2013		41	40		100
4	2012 - 2014		31	31		100

M.Phil., Computer Science

S. No.	Batch	Name of the Course / Programme	Application Received	Selected	Enrolled Male/ Female	Pass Percentage
1	2011 - 2012	M.Phil.	14	13	Female	100
2	2012 - 2013		13	13		100
3	2013 - 2014		21	8		100

27. Diversity of Students.

All the students of our department are from various districts of Tamil Nadu only, no students from other states.

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.?

S. No	Name of the Exam	Year of Examination	No. of Students Cleared
1	SET	2012	2
2	Bank Exam	2012	2
3	TNPSC Group IV	2012	2
4	TET	2013	1

29. Student progression.

S. No.	Academic Year	UG to PG (%)	PG to M.Phil. (%)	PG to Ph.D. (%)	Ph.D to Post Doctoral (%)	Campus Selection	Other than Campus Selection	Entrepreneurship / Self-Employment
1	2010 - 2011	57	-	-	-	-	8	-
2	2011 - 2012	73.5	16.6	-	-	12	4	-
3	2012 - 2013	60	7.69	-	-	6	13	-
4	2013 - 2014	42.26	6.66	-	-	6	25	1
5	2014 - 2015	66.86	1.6	-	-	1	17	-

30. Details of Infrastructural facilities

a) Classroom

S.No.	Class Name	Room No.	Area
1	I CS A	Vivekanandan Block -III FA5	1150 Sq ft
2	I CS B	Vivekanandan Block III FA4	600 Sq ft
3	I CS C	Vivekanandan Block III FC5	1150 Sq ft
4	II CS A	Dr. V .V Block GF7	600 Sq ft
5	II CS B	Dr. V .V Block GF8	600 Sq ft
6	II CS C	Dr. V .V Block GF9	600 Sq ft
7	III CS A	Vivekanandan Block III FC2	600 Sq ft
8	III CS B	Vivekanandan Block III FC3	600 Sq ft
9	III CS C	Vivekanandan Block III FC4	600 Sq ft
10	I M.Sc CS	Vivekanandan Block III FB1	600 Sq ft
11	II M.Sc CS	Vivekanandan Block III FC1	600 Sq ft
12	I M.Sc IT	Dr. V .V Block GF11	600 Sq ft
13	II M.Sc IT	Dr. V .V Block GF10	600 Sq ft
14	M.Phil	Dr. T .V.S. Block IIF10	620 Sq ft

b) Laboratories

The Department has 6 computer Labs with 302 Computer systems which offer the facilities of practical training for students. The computer student ratio is 1:4.

S. No.	Lab Name	Room No.	Area
1	LAB I	Vivekanandan Block IFC5	1150 Sq ft
2	LAB II	Vivekanandan Block IFC4	600 Sq ft
3	LAB III	Internet Lab IF	700 Sq ft
4	LAB IV	Dr. V .V. Block IF	1220 Sq ft
5	LAB V	Dr. V.V. Block IIF	1220 Sq ft
6	LAB VI	T. V. S. Block IIF	2720 Sq ft
7	SERVER ROOM	Vivekanandan Block GFA	390Sq ft

c) Library

S. No.	Library	Capacity
1	General Library	100 Seating
2	MCA Library	80 Seating

S. No	Library	Ref. books	Text books	e-books	Journals			Magazine
					National	Inter National	e-Journal	
1	General	140	1460	107	-	1	-	3
2	MCA	393	5899	142	4	11	4	15

The department released Computer Glossary and maintains Lab manuals, Question bank, Collective Study Materials of Objective and Two Mark Questions for various subjects. The department also maintains Department Library with 50 Books, 1690 CDs, Charts and OHP Slides related to subjects and research.

d) Internet Facilities

The STET Campus provides 8Mbps Internet connectivity leased line 1:1 uncompressed and unshared on MPLS (Multi Protocol Label Switching) network dedicated on optical fiber link. The Department has 2 nodes with internet facility.

Wi-Fi Facility is provided with ubiquiti wireless networking device with two access points in the college campus. Each access point covers a range of 5 kilo meter radius. The two D-Link DWL-3000 have been installed in conference hall and general library.

e) Class Room with ICT facility

The Department has one smart class room with ICT facility.

31. Number of students receiving financial assistance from College, University, Government or other agencies.

S. No.	Academic Year	Types of Scholarship	Nature of Assistance	Students Benefited
1	2010-2011	SC Scholarship	Government	30
		Free ship – Term fees	Management	2
2	2011-2012	SC Scholarship	Government	23
		Sitaram Jindal Foundation, Bangalore	Private	1
3	2012-2013	Free ship – Term fees	Management	1
		SC Scholarship	Government	24
		Free ship – Term fees	Management	2
		Term Fees & Hostel Fees	Management	1
4	2013-2014	Fund – 1000/-	Alumnae	1
		SC Scholarship	Government	17
		50 % concession on Term Fees	Management	1
		Free ship – Term fees	Management	2
		50 % concession on Mess Fees	Management	1
		PG Indragandhi scholarship for single child	Government	4

32. Details on student enrichment programmes (special lectures / workshops /seminar) with external experts.

S. No .	Year	Date	Topics	Resource Person	No. of Students Participated
1	2009-2010	30.08.2009	Leadership in action	Mr.L. Babunesan, Zone Trainer , Chennai.	142
		03.09.2009	E-Learning	Dr.M.V.Srinath , Director of MCA, STET Women"s college,Mannargudi.	142
		09.10.2009	Multimedia	Mr.J. Jayabalan & A. Prasath , CSC (Graphics pecialist) Mannargudi.	146
		12.10.2009	Workshop on Input / Output Devices, Trouble shooting	Mr.K.Mohan, M.C.A. System Manager, S.T.E.T.Women’s College, Mannargudi.	92
2	2010-2011	15.10.2010	Workshop on PC assembly and Hardware Maintenance	Mr.R.Balamuralikrishnan M.C.A , Senior Hardware Engineer, Unique Technology, Trichy.	89
		02.03.2011	Wireless Security	Mr.D.Manivannan, M.E.Asst.Prof , Sastra University, Vallam.	154
3	2011-2012	30.09.2011	Workshop on Inside your PC and Networking Fundamentals	Mr.R.Balamuralikrishnan M.C.A , Senior Hardware Engineer, Unique Technology, Trichy.	105
		20.01.2012	National Conference: Emerging Trends in Computer Science	Dr.J.G. Sheshasaayee, President, ICT Academy of Tamilnadu, Chennai. Dr.Paul Rodriques, Dean, Vellammal Engineering College, Chennai. Dr.K.Dhinakaran, Professor , Department of Computer Science and Engineering, R.M.D Engineering College, Chennai. Mr. S.Manikandan, Director, Mobility Solutions, Target soft Systems, Chennai.	245
4	2012-2013	04.07.2012	Workshop on Software installation and Upgrades	Mr. R.Balamuralikrishnan, M.C.A , Senior Hardware Engineer, SB Systems, Trichy.	98
		28.12.2012 to 29.12.2012	Workshop on Network setup and Maintenance	Mr. K.Muruganathan, M.Sc., M.Phil. Asst. Prof. in Physics., Sri AVVM Pushpam College, Poondi.	98
		02.03.2013	Advanced Concepts on Dot Net	Mr. A.Ramashankar, M.C.A., Project Lead System Analyst, D& B Transunion Analytics and Decision Service, Chennai.	159
		06.03.2013	Advanced Concepts on Data Mining	Dr. A.Kangaiammal, Assistant Professor, Government Arts college, Salem.	159

S. No	Year	Date	Topics	Resource Person	No. of Students Participated
5	2013-2014	08.08.2013	Workshop on PC assembly and Software Installation	Mr. K.Vinayakan, M.C.A. M.Phil. Asst.Prof in MCA, STET Women's college, Mannargudi.	138
		17.09.2013 to 19.09.2013	Workshop on Computer Hardware and Networking	Mr.C.Venkatesh, M.C.A.M.Phil. MCTS, Outsourcing Manager, Mr.G.Gowrisankar, D.C.E., M.C.A., Technical Trainer, Access Point IT Service India Pvt. Ltd, Salem.	151
		21.09.2013	A special lecture on Digital Image Processing	Ms. S.Angayarkanni M.E, Assistant Professor, ECE SVS College of Engineering, Coimbatore.	152

33. Teaching methods adopted to improve student learning.

In addition to the chalk and talk method of teaching, the following methods are also used

- Class room interaction
- Group Discussion
- Debates and Quiz
- Power Point Presentations
- Case Studies
- OHP
- NPTEL
- E-Content
- N-LIST
- Internet Browsing

34. Participation in Institutional Social Responsibility (ISR) and Extension activities.

Institutional Social Responsibility

S. No.	Academic Year	Date	Programme	Beneficiaries	No. of Beneficiaries
1	2010-2011	21.08.2010	Online Test Software Training Programme	All Staff members	115
2	2012-2013	30.10.2012	Computer Skill Training Programme	All staff members from Dept of Tamil and English	27
3	2013-2014	17.01.2014	How to access N-List	All Department PG Students	287
4		20.01.2014	Fundamentals of Computers	Elite Group Students	100

Certificate Courses

S. No.	Academic Year	Diploma Course			IBM Course	Certificate Course in Computer Science
		D.C.A	D.D.T.P.	R.D.B.M.S.		
1	2009 - 2010	80	30	07	19	-
2	2010 - 2011	40	29	14	38	-
3	2011 - 2012	56	28	31	41	-
4	2012 - 2013	55	14	29	42	-
5	2013 - 2014	75	12	32	35	-
6	2014 - 2015	55	10	27	63	311

Extension activities

S. No.	Date	Activity	Venue	No. of Beneficiaries
1	18.11.2011	Training Programme on Computer Hardware.	Higher Secondary Students (11 th & 12 th Standard), National Higher Secondary School, Mannargudi.	210
2	17.7.2013	How to use Laptop	Sairam Matriculation Higher Secondary school, Thiruthuraipoondi	60
3	27.8.2013	How to surf Internet	Sairam Matriculation Higher Secondary school, Thiruthuraipoondi	80
4	21.04.2014 (FN)	A Digital Literacy Program for School Teachers	Govt. School Teachers, Panchayat Union Middle School, Sekal.	7
5	21.04.2014 (AN)	A Digital Literacy Program for School Teachers	Govt. School Teachers, Panchayat Union Elementary School, Pamani.	6
6	17.04.2014 - 06.05.2014	Computer Training Programme	B.Ed. students, S.T.E.T College of Education for Women, Mannargudi.	100
7	05.05.14	Computer Awareness Programme for Self Help Groups	Panchayat Union Elementary School, Karikkottai	20
8	28.05.14	Computer utilization for Self Help Groups	Govt. High School, Serumangalam	20

35. SWOC analysis of the department and Future plans

Strengths

- The department includes 21 members of staff. One member is doctorate and four of our faculty members are pursuing doctoral programme (Part Time) in Bharathidasan University. The faculties have specialization in Data Mining, Software Engineering, Network Security, Computer Design and OS, Network Technology, etc.

- Student's consistently getting university ranks including gold medals, right from the first batch
- Department conducts programmes upto Ph.D. Degree
- Organizational collaboration with IT Solutions through MOU

Weakness

- Average learners
- Lack of communication skill
- Poor economic background

Opportunities

- Pursuing higher education up to Ph.D. Degree
- Conducting ICT classes for non Computer Science Students
- Conducting Job Oriented Online Test periodically
- Providing Advanced course IBM – AIX for PG Students
- Conducting Certificate courses such as DCA, DDTP, and RDBMS
- Providing Laptops for PG Students
- More opportunities for research

Challenges

- Updating knowledge in a fast changing discipline
- To constantly upgrade the syllabi of a dynamic discipline / ICT
- A job market with periodic slump / depression

Future plans of the Department

- To enhance Industry Institution interface
- To conduct National Seminar
- To organize Science exhibition
- To arrange competitive exam coaching classes
- To develop useful software through Software Consultancy Cell
- Various career oriented programmes like certificate courses / diploma courses to enhance employability
- Motivating the PG students to do research based Projects and to publish in Research journals
- Utilize the potentiality of alumni for training, placement and modernization of lab
- Strengthen alumni and institution relationship
- To collect alumnae fund and utilize for the economically poor students

DEPARTMENT OF BIOCHEMISTRY EVALUATION REPORT

1. Name of the Department : **BIOCHEMISTRY**
 2. Year of Establishment : **1995**
 3. Names of Programmes offered :

S.No.	Programmes offered	Year of Establishment
1	B.Sc. Biochemistry	1995
2	M.Sc. Biochemistry	1998
4	M. Phil. Biochemistry	2002
5	Ph.D. Biochemistry	2011

4. Names of Interdisciplinary courses and the departments / units involved

S.No.	Dept.	Programmes	Semester	Subject	Department involved
1.	Biochemistry	B. Sc	I	Chemistry-I	Chemistry
2.			II	Chemistry-II Practical	
3.			III	Chemistry-III	Computer Science
4.			III	Programming in 'C'	
5.		IV	IV	Principles of Nutrition	Nutrition and Dietetics
6.			IV	Programming in 'C' Practical	
7.			IV	Principles of Information Technology	Computer Science
8.		V	Nutrition for the family	Nutrition and Dietetics	
9.		M. Sc	II		Microbiology

5. Annual/ semester/choice based credit system (Programme wise):

S.No.	Programmes	Pattern
1	B.Sc	Semester,
2	M.Sc	Choice Based
3	M.Phil.	Credit System
4	Ph.D.	

6. Participation of the department in the courses offered by other departments

S.No.	Programmes offered	Semester	Subject	Participating dept.
1.	B.Sc., Microbiology	I	Biochemistry I	Biochemistry
		II	Biochemistry III	
		II	Biochemistry II -Practical	
2.	M.Sc., Microbiology	I	General Biochemistry	
3.	B.Sc., Nutrition and Dietetics	IV	General Biochemistry & Nutrition - Practical	
4.	B.Sc., Nutrition and Dietetics	VI	Clinical Biochemistry - Practical	
5.	M.Sc., Food Service Management and Dietetics	I	Biochemical Changes in Diseases -Practical	

7. Courses in collaboration with other universities, industries, foreign institutions, etc.

S.No.	Name of the Institution	Activities
1	Meenakshi Hospital,Trichy Road, Near New Bus Stand,Thanjavur	Internship, Clinical assessment and Dietetic counseling
2	Mani Hospital,South Street, Thiruthuraipoondi.	Internship, Project work and Placement training.
3.	C.A.K. Polyclinic,Mannargudi.	Internship.
4.	TANFED,Chennai.	Research project and Training.
5.	A.V.C.College (Auto), Mayiladuthurai.	Research project and Training
6.	INMA (Team 9), Chennai.	Research project and Training

8. Details of courses / programmes discontinued (if any) with reasons: Nil**9. Number of teaching posts**

S.No.	Teaching post	Sanctioned	Filled
1	Head & Asst. Professor	1	1
2	Asst. Professor	7	7

10. Faculty profile with name, qualification, designation, specialization

S.No.	Name	Qualification	Designation	Specilization	No. of Years of Experience	No. of Ph.D. Students guided for the last 4 years
1	Dr.M.Chitra (Relieved on 23.7.2014)	M.Sc., M.Phil., B.Ed., Ph.D.,	Head & Assistant Professor	Biochemical Pharmacology	19.1 Years	6*
2	Dr.R.Anuradha From 24.07.14	M.Sc., M.Phil., Ph.D.,	Head& Assistant Professor	Phyto Pharmacology	13.11 Years	2*
3	Ms.T.Ananthi	M.Sc., M.Phil., B.Ed., (Ph.D.)	Assistant Professor	Biochemical Pharmacology	9.6 Years	-
4	Ms.S.Manikandaselvi	M.Sc.,M.Phil., (Ph.D.)	Assistant Professor	Nutritional Biochemistry	10.9 Years	-
5	Ms.P.Venkatalakshmi	M.Sc., M.Phil., SET (Ph.D.)	Assistant Professor	Immuno Pharmacology	7 Years	-
6	Ms.G.Prasanna	M.Sc.,M.Phil., (Ph.D.)	Assistant Professor	Biochemical Pharmacology	9.2 Years	-
7	Ms. P.Mozhiyarasi	M.Sc.,M.Phil (Ph.D.)	Assistant Professor	Biochemical Pharmacology	7 years	-
8	Ms.V.Poornima	M.Sc., M.Phil	Assistant Professor	Clinical Biochemistry	3 month	-
9	Ms V.Bharathi	M.Sc., M.Phil	Assistant Professor	Molecular Biology	1 month	-

* Currently Ph.D. is under progress

11. List of senior visiting faculty

S.No.	Name of the Visiting Faculty	Area of specialization
1	Dr.R.Saravanamuthu	Mycology
2	Dr J.Pandian	Molecular Taxonomy
3	Dr.G.Archunan	Animal Biotechnology
4	Dr. S.Velavan	Phytotherapeutics and Free radical scavenging Research
5	Dr.R.Jayaprakash	Cancer Biology and Medicinal Biology

12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty: 45% of lecturers delivered and 20% of practical classes handled

S.No.	Year	Duration	Faculty	Class	Subject Name	Lab handled
1	2013	01.07.2013 -16.04.2014	V.Poornima	I M.Sc. Bio I M.Sc. Micro III B.Sc. Bio II B.Sc. Bio I B.Sc. Bio I B.Sc. Micro II N & D	Analytical Techniques General Biochemistry Herbs and drug actions Soft skill development Endocrinology Ethno medicine Biomolecules Value Education Allied Biochemistry	Allied BiochemistryLab General biochemistry and Nutrition
2	2013	01.07.2013 -16.04.2014	R.Kayalvizhi	III B.Sc. Bio I M.Sc. Bio I B.Sc. Bio I B.Sc. Micro	Pharmacognosy Biotechnology Gender studies Enzymes and enzyme technology Environmental studies Allied Biochemistry	Allied BiochemistryLab

13. Student -Teacher Ratio (programme wise)

S. No.	Programmes	Students –Teacher Ratio
1	B.Sc.,	23:1
2	M.Sc.,	6:1

14. Number of academic support staff (technical) and administrative staff sanctioned and filled

S. No.	Designation	Sanctioned & Filled
1	Lab Assistant	2

15. Qualifications of teaching faculty with Ph.D/ MPhil / PG

S.No.	Name	Qualification
1	Dr.M.Chitra (Relieved on 23.7.2014)	M.Sc.,M.Phil.,B.Ed.,Ph.D.,
2	Dr.R.Anuradha	M.Sc.,M.Phil.,Ph.D.,
3	Ms.T.Ananthi	M.Sc.,M.Phil.,B.Ed., (Ph.D.)
4	Ms.S.Manikandaselvi	M.Sc.,M.Phil., (Ph.D.)
5	Ms.P.Venkatalakshmi	M.Sc.,M.Phil.,SET (Ph.D.)
6	Ms.G.Prasanna	M.Sc.,M.Phil., (Ph.D.)
7	Ms. P.Mozhiyarasi	M.Sc., M.Phil.,(Ph.D.)
8	Ms.V.Poornima	M.Sc., M.Phil.,
9	Ms V.Bharathi	M.Sc., M.Phil.,(Ph.D.)

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received

Nature of the Project	Dura-tion	Title of the project proposal	Name of the funding agency	Total grant		Total grant received till date
				Sanc-tioned	Recei-ved	
Major Projects	2013-2016	Hepatosupportive role of Phyto flavonoids – Influence of <i>Wattakaka volubilis</i> and Kaempferol on <i>invivo</i> and <i>invitro</i> models of hepato toxicity Principal investigator: Dr.M.Chitra	ICMR, New Delhi	Awaiting Sanction		
Major Projects	2013-2016	Efficacy of <i>Wattakaka volubilis</i> on Hepatotoxicity and Genotoxicity of Aluminium Chloride. Principal investigator: Dr.M.Chitra	UGC, New Delhi	Awaiting Sanction		
Major Projects	2013-2016	<i>Invitro</i> antiproliferative activity of goat milk protein Lactoferrin on selected human breast cancer cell lines Principal investigator: Dr.R.Anuradha	DST – SERB, New Delhi	Applied but not Received		
Students Research Projects	2010-2011	Anti-Inflammatory Activity Of <i>Thespesia populnea</i> Linn By The Drug Induced Mice Principal investigator: Ms.T.Ananthi	TNSCST	Rs.6,000	Rs.6,000	Rs.6,000

Nature of the Project	Dura-tion	Title of the project proposal	Name of the funding agency	Total grant		Total grant received till date
				Sanc-tioned	Received	
	2011-2012	Inhibition of mineralization of urinary stone forming minerals by medicinal plants Principal investigator: Ms. P.Mozhiyarasi	TNSCST	Rs.6,000	Rs.6,000	Rs.6,000
	2011-2012	Anti obesity effect of <i>Citrus aurantium</i> peel extract of chlorthiozide in male albinorats Principal investigator: Ms. P.Kanimozhi	TNSCST	Rs.6,000	Rs.6,000	Rs.6,000
	2014-2015	Evaluation of Ethanolic seed extract of <i>Pedaliu murex</i> L. in Serum electrolytes and urine oxalate of urolithialic male albino rats Principal investigator: Dr.R.Anuradha	TNSCST	Awaiting Sanction		

Details of the projects completed availing funds from Diva Exports, Chennai (2009-2014)

S. No.	Year	Name & Register Number	Title of the Project	Name of the Guide	Amount Rs
1	M.Sc 2009-10	B.Reka P08350720	Isolation & characterization of endophytic bacteria.	G.Prasanna	12,000
2		S.Sathya P08350723	Molecular detection of ESBL genes –CTX –m & SHVv in <i>Pseudomonas aerogenosa</i> .	Dr R.Anuradha	7000
3		A.Sivaranjani P09350532	Invitro Anti Bacterial and Antioxidant activity of Urai Marundu.	Dr M.Chitra	4000
4	M.Sc 2010-11	S.Kanimozhi P09350511	Effect Of Coconut Water On Seed Germination, Seedling Growth And Yield Of <i>Vigna Mungo</i> (L.) Hepper.	P.Mozhiyarasi	4000
5		V.Nithiya P09350515	Development and bio chemical analysis of irons supplementary nutraceutical from moringa oleifera and amaranthus polygonoides.	S.Manikandaselvi	10,000
6	M.Phil 2010-11	J.Jemima Shalin 2k10FT-36353	Study of Therapeutic influence of Herbal-Plus oc <i>stereoto zococin</i> induced diabetic rats	Dr M.Chitra	10,000

S. No.	Year	Name & Register Number	Title of the Project	Name of the Guide	Amount Rs
7	M.Sc 2011-12	M.Kanimozhi P10350308	Synthesis of plant mediated silver nano particles using <i>Neumbo nucifera</i>	Dr M.Chitra	10,000
8		V.Reka P10350319	Isolation and characterization of extracellular cellulose using <i>bacillus subtilis</i> from mangrove soil.	T. Ananthi	5000
9		G.Ramiladevi P10350319	Biodegradation of plastic straw using Pectinase sacrated by <i>Clostridium Thermophilus</i> .	Dr R.Anuradha	7000
10	M.Sc 2012-13	K.Johncirani P11350208	Larvicidal and Pediculocidal activities of the aqueous and ethanolic extract extract of <i>Couroupita guianensis</i> Aubl. Flowers.	P.Venkatalakshmi	4500
11		R.Yogalakshmi P11350231	Antibacterial activity of mother milk and Snail milk on isolated characterized <i>Stapylococcus aures</i> and <i>Haemophilus influenza</i> from madras eye infected persons.	S.Manikandaselvi	13,000
12		M.Vijayalakshmi P11350228	Bioinformatical Tools on Identification of deleterious mutation in OCA2 Gene of Albinism.	Dr.R.Anuradha	10,000
13	M.Sc 2013-14	B.ArunaP 12350520	<i>Invitro</i> Anticancer activity of <i>Michelia champaca</i> L. flowers against Ehrlich Ascites carcinoma Cell Line (EAC)	T.Ananthi	7000
14		I.Jasmin Barvin P12350513	Antihyper lipidemic activity of <i>Michelia champaca</i> L.in Triton WR 1339 induced Albino Rats.	T.Ananthi	10,000
15	M.Phil 2013-14	V.Divya 2k13FT-41138	Physio chemical and bacterio logical analysis of ponds in mannargudi town	P.Venkatalakshmi	6000

17. Departmental projects funded by DST – FIST, UGC, DBT, ICSSR, etc. and total grants received

S.No.	Title of the project submitted	Name of the funding agency	Proposed amount	Remarks
1	Efficacy of <i>Wattakaka volubilis</i> on Hepatotoxicity and Genotoxicity of Aluminium Chloride Principal investigator: Dr.M.Chitra	UGC, New Delhi	16,10,400	Awaiting Sanction

S.No.	Title of the project submitted	Name of the funding agency	Proposed amount	Remarks
2	Invitro antiproliferative activity of goat milk protein Lactoferrin on selected human breast cancer cell lines. Principal investigator:Dr.R.Anuradha	DST – SERB, New Delhi	23,85,204	Applied

18. Research Centre /facility recognized by the University: M.Phil., Ph.D.,

S.No.	Course Name	Year of Establishment & Ref.No.	PT / FT
1	M.Phil.	2002 & 09681/D1/2002 dated on 19.08.2002	Full Time
2	Ph.D.	2011 & 35038/D2/2011 dated on 16.08.2011	Full Time /Part Time

19. Publications

S. No	Name of the Faculty	Papers published in Journals							Books Published	No. of papers presented in Seminars		Workshop Attended
		Total	National	International	SNIP	SJR	H-Index	Impact Factor		National	International	
1	Dr.M.Chitra (Relieved on 23.7.2014)	45	4	41	3.928	7.179	187	20.12	1	8	-	5
2	Dr.R.Anuradha	35	3	32	2.105	5.410	65	16.814	-	13	-	3
3	Ms.T.Ananthi	34	7	27	1.277	1.923	60	22.500	-	6	-	2
4	Ms.S.Manikandaselvi	15	-	15	11.856	4.276	106	9.030	-	3	2	1
5	Ms.P.Venkatalakshmi	28	1	27	8.984	4.416	105	19.8	-	3	2	1
6	Ms.G.Prasanna	13	2	11	4.759	1.170	26	5.88	-	3	-	1
7	Ms. P.Mozhiyarasi	6	3	3	-	-	-	0.65	-	3	-	2
8	Ms.V.Poornima	-	-	-	-	-	-	-	-	1	-	-

20. Areas of consultancy and income generated:

Consultancy services are non remunerative. Chemicals used for the analysis were provided at moderate cost and the revenue generated is maintained in the name corpus fund and utilized for further development of research and extension activities.

Date	Nature of Programme	Venue	No. of Beneficiaries / No.of Students involved	Outcome
17.09.2012	Food Adulteration and Health Care	Karuvakkurichi	200 Women Self Help Groups, School Children, Merchants	To aware the consumer avoid taking food from an unhygienic place and food being prepared under unhygienic conditions
23.09.2013		Rishiyur	220 Women Self Help Groups, School Children, Merchants	
30.09.2014		Sundarakkottai	150 Women Self Help Groups, School Children, Merchants	

Date	Nature of Programme	Venue	No. of Beneficiaries / No. of Students involved	Outcome
13.8.2012	Blood Group and Anemia Check Up	Sundarakkottai, Palayam	110 1. I PG Students of STET women's College 2.School children, 3.Lactating women, 4.Pregnant women	Anemia is highly prevalent in a country. It can substantially affect its intellectual and economic potential. As a part our department in the development of country, We conduct blood group and anemia checkup.
21.8.2013		Sundarakkottai, Ullikkottai	130 1. I PG Students of STET women's College 2.School children, 3.Lactating women, 4.Pregnant women	
30.08.2014		Sundarakkottai	125 1. I PG Students of STET women's College 2.School children, 3.Lactating women, 4.Pregnant women	
29.07.2010	The impact of Herbal Medicine	National Higher Secondary School, Mannargudi	100 Student community	1.Awareness has been created to conserve and to increase the usage of medicinal plants 2.Medicinal plant research has been promoted 3.Local self help groups have enthusiastically participated in the cultivation and marketing of medicinal plants 4.To achieve WHO goal of "Health for All"by 2050.
21.07.2011		Sundarakottai	25 Women self Help Group	
27.07.2012		S.T.E.T.Women's College, Sundarakkottai	250 Teaching and Non Teaching Fraternity	
24.07.2013		Government Higher Secondary School, Ullikkottai	75 Student community	
30.07.2014		S.T.E.T.Women's College, Mannargudi	250 Student community	
09.02.2012	Clinical Instrumentation Training	S.T.E.T Women's College, Mannargudi	125 Students of Biochemistry, Microbiology and Nutrition and Dietetics	1.To enrich the students practical knowledge 2.To increase the self employability
24.09.2013			150 Students of Chemistry, Biochemistry and Microbiology	
25.08.2014			146 Students of Biochemistry, Microbiology and Food Service Management and Dietetics	

21. Faculty as members in a) National committees b) International Committees c) Editorial Boards :

S.No	Name of the Faculty	Member in Professional Bodies
1	Dr. M.Chitra	Life Member in Society of Biological Chemists, India and Member in American Chemical Society, Member Service Columbus, U.S.A.
2	Dr. R.Anuradha	Life Member in Society of Biological Chemists, India, Annual member in Indian science congress association
3	T. Ananthi	Life Member in Society of Biological Chemists, India, Annual member in Indian science congress association
4	S.Manikandaselvi	Member in Research gate, Biomed, Google scholar , Annual Member in Indian science congress association
5	P.Venkatalakshmi	Editorial board member in Asian Journal of Bioscience, life member in Hind Institute of science and technology, Annual Member in Indian science congress association, Life Member in Muthamizh saba in Mannargudi.
6	G.Prasanna	Annual Member in Indian science congress Association.
7	V.Poornima	Annual Member in Indian science congress Association.
8	V.Bharathi	Annual Member in Indian science congress Association.

22. Student projects:

a) Percentage of students who have done in-house projects including inter departmental/ programme.

M.Sc., Biochemistry

S.No.	Batch	No. of students	Percentage
1	2008-2010	4	12
2	2009-2011	1	3
3	2010-2012	10	36
4	2011-2013	7	23
5	2012-2014	-	-

b) Percentage of students placed for projects in organizations outside the institution i.e. in Research laboratories /Industry/ other agencies

M.Sc., Biochemistry

S.No.	Batch	No. of students	Percentage
1	2008-2010	29	88
2	2009-2011	32	97
3	2010-2012	18	64
4	2011-2013	24	77
5	2012-2014	37	100

M.Phil., Biochemistry

S.No.	Batch	No. of students	Percentage
1	2008-2009	16	100
2	2009-2000	7	100
3	2010-2011	20	100
4	2011-2012	11	100
5	2012-2013	9	100

23. Awards / Recognitions received by faculty and students**Recognitions received by faculty**

- **Dr.M.Chitra** – One Man Commission for Bharathidasan University, Trichirappalli, Dharmapuram Gnanambigai Govt College of Arts and Science, Mayiladuthurai and Shri Sankara College of Arts and Scienc, Kumbakonam, Research adviser for M.Phil and Ph.D Biochemistry, Question Paper Setter, Member of Board of Studies In UG & PG Biochemistry, Reviewer, Doctoral Committee Member, Member in Society of Biological Chemists, India, Question Paper Setter in UG & PG Biochemistry, Judge for District School Students Science Exhibition, Examiner in B.Sc & M.Sc Biochemistry Central Valuation, Practical Examiner in B.Sc & M.Sc Biochemistry, Convenor in National Seminar.
- **Dr. R. Anuradha** – Member in Indian science congress Association. Member in Society of Biological Chemists, India, Research adviser for M.Phil and Ph.D Biochemistry, Reviewer in International Journal of Biochemistry Research and Review, Additional Chief Superintendent and Chief Superintendent for Bharathidasan University Semester Examination ,Chief Invigilator for TNPSA exams,NSS Programme Officer, Question Paper Setter in UG & PG Biochemistry, Examiner in B.Sc & M.Sc Biochemistry Central Valuation, Co-ordinator in National Seminar
- **T.Ananthi** – Member in Indian science congress Association, Member in Society of Biological Chemists, India , Reviewer in African Journal of Microbiology Research, Research Advisor for M.Phil Biochemistry, Question Paper Setter in UG Programmes, Examiner in Central Valuation, Committee Member in National Seminar, Environmental Club Co ordiantor.
- **S.Manikandaselvi** - Member in Indian science congress Association. Research adviser for M.Phil Biochemistry, Examiner in B.Sc Biochemistry Central Valuation, Practical Examiner in B.Sc Biochemistry, Committee Member in National Seminar, Question Paper Setter in PG Biochemistry
- **P.Venkatlakshmi** - Member in Indian science congress Association. Research adviser for M.Phil Biochemistry, Examiner in B.Sc Biochemistry Central Valuation, Practical Examiner in B.Sc Biochemistry, Fine Arts Coordinator, Editorial member in Asian Journal of of Bioscience, Gayaka Sironmani Award from “Nataraja Muthamizh Sabha” Mannargudi. Committee Member in National Seminar. Qualified in SET examination.

- **G.Prasanna** - Member in Indian science congress Association. Examiner in B.Sc Biochemistry Central Valuation, Practical Examiner in B.Sc Biochemistry, Committee Member in National Seminar
- **P.Mozhiyarasi** - Member in Indian science congress Association. Research adviser for M.Phil Biochemistry, Examiner in B.Sc Biochemistry Central Valuation, Practical Examiner in B.Sc Biochemistry, Committee Member in National Seminar.
- **Ms.V.Poornima** - Member in Indian science congress Association.
- **Ms V.Bharathi** - Member in Indian science congress Association

Recognitions received by students

S.No.	Academic year	Name of the Student	Name of the Awardee	Nature of the recognition
1	2008-09	V.Nathiya	Alumnae award	Cash Award
2		R.Shiyamala	Krishnaveni & Co	Endowment Prize
3		B.Usha	A.Subramanian, Thiruvarur & M.R.R Educational Trust	Endowment Prize - Gold Medal
4	2009-10	S.Arivumani	Krishnaveni & Co	Endowment Prize
5		J.Manimehalai	A.Subramanian, Thiruvarur & M.R.R Educational Trust	Endowment Prize - Gold Medal
6	2010-11	B.Saranya	Krishnaveni & Co	Endowment Prize
7		R.Vaideki	A.Subramanian, Thiruvarur & M.R.R Educational Trust	Endowment Prize - Gold Medal
8		B. Saranya	Krishnaveni Vivekanandam & Santha Venkatraman	University 1 st rank in UG Degree
9		K.Radhika	Krishnaveni Vivekanandam & Santha Venkatraman	University I rank in Tamil - UG Degree(Gold Medal)
10		S.Arivumani	A.Subramanian, Thiruvarur & M.R.R Educational Trust	Endowment Prize - Gold Medal
11	2011-12	1.V.Asha Sharmili 2. M.Deepa 3. S.Nandhini	National Seminar on Prosepctives in Marine Drugs, Bharath College, Thanjavur	First Prize in Quiz Competition
12	2012-13	B. Aruna	Krishnaveni & Co	University 1 st rank in UG Degree Endowment Prize
		K.Radhika	A.Subramanian, Thiruvarur & M.R.R Educational Trust	Endowment Prize -Gold Medal
13	2013-14	A.M.Thafsila Aaaftrin	Krishnaveni & Co	University 1 st rank in UG Degree Endowment Prize
		S.Jayachitra	Alumnae award	Cash Award
		V.Asha Sharmili	A.Subramanian, Thiruvarur & M.R.R Educational Trust	Endowment Prize - Gold Medal
		Rukmani gas Agencies		PG Best out going Students

S.No.	Academic year	Name of the Student	Name of the Awardee	Nature of the recognition
		S.ManiSuriya	Inter Collegiate Oratorical Contest in Tamil, Shrimathi Indira Gandhi College, Tiruchirapalli,	Third Prize
			Tamil Speech Competition, Tamil Nadu Consumer Protection Centre, Thiruvarur	Third Prize

S.No.	Academic Year	Name of the Eminent academicians and scientist /visitors and designation	Area specialization	Purpose of visit
1	2009-10	Dr.A.Arumugam, Assitant Professor, Department of Nanoscience and Technology, AlagappaUniversity, Karaikudi,	Nanotechnology	Seminar
2	2010-11	Dr.P.Brinda, Associate Dean, CARISM,SASTRA University, Thanjavur	Phytopharmaceutics	Seminar
3	2011-12	Dr.K.Alagusundaram, Director, Ministry of Food Processing Industries, Indian Institute of Crop Processing and Technology, Thanjavur,	Food Processing	Seminar
4	2011-12	Dr.D. Velmurugan, Professor and Head, Department of Crystallography and Bio physics, University of Madras, Chennai	X ray crystallography	Seminar

25. Seminars / Conferences / Workshops organized & the source of funding

a) National seminar : One day seminar

S.No.	Academic Year	Title of the seminar conducted	No of Beneficiaries	Funding Agency
1	2011-12	Biotechnological and Nano technological approaches in food processing	375	IICPT & STET

a) International : Nil

26. Student profile programme/course wise

Name of the programme	Applications Received	Enrolled	Selected	Demand Ratio	Pass Percentage
B.Sc. Biochemistry					
2007-10	80		65	65:80	100
2008-11	93		64	64:93	98
2009-12	86		65	65:86	100
2010-13	86		65	65:86	100
2011-14	82		65	65:82	98
M.Sc. Biochemistry		Female			
2008-10	39		34	34:39	100
2009-11	34		33	33:25	100
2010-12	30		29	29:30	96
2011-13	32		31	31:32	97
2012-14	39		39	39:39	98
M.Phil Biochemistry					
2008-09	16		16	16:16	100
2009-10	7		7	7:7	100
2010-11	25		20	25:20	100
2011-12	14		11	14:11	100
2012-13	11		9	11:9	100
2013-14	2		2	2:2	100

27. Diversity of Students

Name of the Course	% of Students from the same State	% of Students from other State	% of Students from Abroad
B.Sc.,	100	Nil	Nil
M.Sc.,	100	Nil	Nil
M.Phil	100	Nil	Nil
Ph.D	100	Nil	Nil

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.?

V.Bharathi has been qualified in CSIR-NET. She worked as JRF in Department of Biotechnology, SASTRA University, Thirumalaisamuthram, Thanjavur during the period of 2006-08.

29. Student progression

Batch	UG TO PG		Total	Employee	
	On campus	Off campus		On campus	Off campus
2007-10	25	3	28	-	-
2008-11	17	9	26	-	-
2009-12	31	9	40	-	-
2010-13	23	8	31	-	-
2011-14	28	-	28	-	-

Batch	PG TO M.Phil.		Total		
	On campus	Off campus			
2007-09	6	2	8		
2008-10	4	9	13		
2009-11	9	3	12		
2010-12	9	2	11		
2011-13	-	2	2		
2012-14	1	3	4		
Batch	PG TO Ph.D.		Total	Employee	
	On campus	Off campus		Campus Interview	Others
2008-10	-	-	-	-	5
2009-11	-	1	1	-	4
2010-12	-	-	-	-	5
2011-13	-	-	-	-	4
2012-14	-	-	-	-	5

30. Details of Infrastructural facilities:

a. Class Room

Separate class rooms for each class with furniture of good condition, well aeration, lighting, adequate Laboratories for B.Sc, M.Sc, M.Phil Courses. Research Lab equipped with Semi Auto Analyser, Gas Chromatography, UV Visible spectrophotometer, TLC, Flame Photometer, Colorimeter etc.

Class	Location	Room No	Size
I B.Sc Biochemistry	Vivekanandan Block	GFC1	30' × 20'
II B.Sc Biochemistry		GFC2	30' × 20'
III B.Sc Biochemistry with smart class room facility		GFC3	30' × 20'
I M.Sc Biochemistry		IFC1	30' × 20'
II M.Sc Biochemistry		IFC2	30' × 20'
M.Phil., Biochemistry		GFC4	13' X 14'

b. Laboratory

Lab	Location	Room No	Size
Lab I	Vivekanandan Block	GFC4	46' × 25'
Lab II		GFC5	30' × 20'
Lab II	V.S. Block	GF	70' × 30'
Animal House		GF	10' × 10'

c. Library - General Library

No. of Text Books	:	825	No. of Reference Books	:	824
No. of e. Books	:	7	No. of Book's CD	:	18
No. of National Journals	:	9	No. of international Journals	:	5

Department Library :

The department maintains around 30 books, Lab manuals, Journal reprints; Question bank for various subjects, 350 CD's related to subjects and research , 200 Charts and 75 OHP Slides, Glossary, Collective Study materials of objective and two mark questions

S.No.	Library	Capacity	Area
1	General Library	100 Seating	5310 Ft

d. Internet Facilities

24 hours Internet facility with 8mbps bandwidth connection is provided for both staff and students.

e. Class Room with ICT facility

The Department has one smart class room with ICT facility.

31. Number of students receiving financial assistance from College, University, Government or other agencies

S.No.	Academic Year	Type of scholarship	Nature of assistance	No.of Beneficiaries
1	2010-2011	SC Scholarship	Government	11
		Farmer Scholarship	Government	69
2	2011-2012	SC Scholarship	Government	14
		Farmer Scholarship	Government	74
		Alumnae Scholarship	Alumnae association	1
3	2012-2013	SC Scholarship	Government	10
		Farmer Scholarship	Government	82
4	2013-2014	SC Scholarship	Government	11
		Farmer Scholarship	Government	47
		Alumnae Scholarship	Alumnae association	1

32. Details on student enrichment programmes (special lectures / workshops / seminar) with external experts:

S.No.	Year	Date	Topics	Resource Person	No. of Students Participated
1	2009-2010	04.10.2009	Nanoparticles in medicine	Dr.P.Krishnamoorthy,Assistant Professor in Zoology, Rajah Serfoji Govt arts College, Thanjavur	122
2		03.02.2010	Bioinformatics in the applications of Human Genome Project	Dr.A.Arumugam,Assitant Professor in Department of Nanoscience and Technnology, Alagappa University, Karaikudi	122
3	2010-2011	05.02.2011	Nutraceuticals in the current scenario	Dr.P.Brinda ,Associate Dean, CARISM, SASTRA University, Thanjavur	129

S.No.	Year	Date	Topics	Resource Person	No. of Students Participated
4	2011-2012	21.01.2012	Biotechnological and Nano technological approaches in food processing	1.Dr.K.Alagusundaram, Director, Ministry of Food Processing Industries, Indian Institute of Crop Processing and Technology, Thanjavur, 2.Dr. K. Ramasamy, Member in State Planning Commission, Tamilnadu (Presently Vice-Chancellor, Tamilnadu Agricultural University, Coimbatore) 3. Dr.D. Velmurugan, Professor and Head, Department of Crystallography and Biophysics, University of Madras, Chennai, 4. Dr.R.Jagan Mohan, Scientist, Indian Institute of Crop Processing Technology, Thanjavur	375
5	2012-2013	31.08.2012	Clinical instrumentation techniques.	S.Stahlin, Senior sales executive, Tras Asia Biomedical Ltd, Chennai	40
		29.01.2013	Probiotics, Prebiotics and Synbiotics	Dr.R.Saravanamuthu, Associate Professor in Department of Botany, AVC College, Mayiladuthurai	
6	2013-2014	24.09.2013	Biochemical Pharmacology	Dr.A.Subramaniyan , Assistant Professor in Department of Biochemistry, Raja Serfoji College, Thanjavur	242

33. Teaching methods adopted to improve student learning

- Chalk and Talk
- Glossary
- Using printed study material of MCQs, 2 marks questions with answer, University question bank and it circulated to students
- Audio visual aids
- LCD, using projector while teaching
- Group Discussion, Quiz, and Collection of scientific literature from National and International journals
- Home assignments
- Supplying study materials downloaded from different web sites
- Display of charts
- NPTEL Resources
- Poster Presentation

34. Participation in Institutional Social Responsibility (ISR) and Extension activities

There are 5 Extension Activities conducted So far.

S.No.	Date	Activity	Participants	No. of Beneficiaries
1	21.12.09	Soil Analysis after Paddy harvested land.	Farmers,Athangudi Village,Needamangalam.	12
2	10.09.10	Anaemia checkup to the Middle School Students	School Students, Municipal School, Palayam, Pattukkottai.	32
3	26.08.11	Medical Checkup to the Geriatric people	Geriatric People, Katchanam Village, Thiruthuraipoondi.	50
4	03.09.12	Impact of Alcohol consumption and cigarette smoking in Liver and Renal function of the Rural people – A Clinical survey.	Patients in Govt. Hospital,Mannargudi	50
5	27.12.13	Awareness of food adulteration to rural people	Panchayath union, Sundarakkottai.	68

35. SWOC analysis of the department and Future plans:

Strengths

- i. The Department is a recognized research centre for M.Phil and Ph.D.
- ii. Faculties with specialization in Phytopharmacology, Biochemical pharmacology, Nutritional Biochemistry and Immunopharmacology
- iii. Centralised instrumentation facility for research
- iv. Facilities for research such as animal house
- v. Performance of the students in the University examination and Producing a number of University rank every year
- vi. Motivating management to carry on research
- vii. Availability of 24 hours Internet facility for staff and students with 8 Mbps bandwidth connection, e-learning resources such as NPTEL, research journals, membership in INFLIBNET/N-List
- viii. Establishment of STET Bio-Floral Products Development and Research Centre for research and extension activities

Weakness

- i. Biochemistry is not included as an optional subject in Higher secondary curriculum
- ii. Lack of interest in various competitive examinations
- iii. Student progression to their higher studies is less due to the financial background
- iv. Industries, Public and private sectors unwilling to employ fresh graduates
- v. Since the women students prefer teaching job, they expect and wish to join a course which should fulfill their job requirements after the completion of UG degree itself

Opportunities

- i. Maintaining a herbal garden to promote herbal research
- ii. Opportunities are maximum in the research and development divisions only
- iii. MOU with Meenakshi hospital ,Thanjavur for providing exposure to the students
- iv. The infrastructure provides platform for Research and other Collaborative programmes
- v. Hands on training on Analytical instrumentation and certificate courses in Medical Laboratory Techniques, Analytical Techniques improve the employable skills of the students
- vi. Publication of research articles in our STET journal by the students and faculties
- vii. Opportunity for internship, industrial visit and Staff enrichment programmes
- viii. Animation resource are used as innovative teaching practice

Challenges/Threats

- i. Parents-Students perception towards programme offered in arts and science colleges and their scope, as most of them are attracted towards professional programmes
- ii. Seeking research funds from funding organisations
- iii. Majority of the students are rural first learners and it is a challenge to educate them well and produce better results

Future Plan

- i. Enhanced quality education, career guidance and efficient training for competitive examination to rural students
- ii. To encourage the staff members to get doctorate/ to qualify NET and SET
- iii. To sign more MOU with institutions / industries for collaborative research
- iv. The Department has identified Pharmacology, Phytotherapies, molecular and cancer biology as its major research areas and would strive to achieve excellence in these challenging thrust areas
- v. To motivate the students to undertake interdisciplinary research
- vi. To conduct value added courses
- vii. Department of Biochemistry and Microbiology have planned to carryout research work on coir pith degradation in collaboration with industries as follows
 1. *Azospirillum*, a biological nitrogen supplement in coir pith composting fixing organism
 2. Efficacy of *Rhizobium* on Coir pith composting and the used Coir pith as carrier material
 3. Studies on cellulose biodegradation and the role of urea and fungi such as *Trichoderma viridae* in the process of composting of Coir pith
 4. The efficacy of different mushroom species (especially *Pleurotus*) and the nitrogen fixing bacteria (*Rhizobium*, *Azotobacter* and *Azospirillum*) on the composting of Coir pith

DEPARTMENT OF MICROBIOLOGY EVALUTION REPORT

- 1. Name of the Department** : **MICROBIOLOGY**
2. Year of Establishment : **1995**
3. Names of Programmes offered :

S.No.	Programme	Year of Establishment
1.	B. Sc. Microbiology	1995
2.	M. Sc. Microbiology	1998
3.	M. Sc. Biotechnology	2006
4.	M. Phil. Microbiology	2002
5.	Ph.D. Microbiology	2006

4. Names of Interdisciplinary courses and the departments / units involved.

S.No.	Department	Programme	Semester	Courses	Departments Involved
1.	Microbiology	B.Sc.	III	Principles of Nutrition	Nutrition and Dietetics
			IV	Nutrition for the family	
		M.Sc.	I	General Biochemistry	Biochemistry

5. Annual / Semester / choice based credit System (Programme wise)

S.No.	Programme	Programme System
1	B.Sc. Microbiology	Semester- Choice based credit system
2	M.Sc. Microbiology	
3	M.Sc. Biotechnology	

6. Participation of the department in the courses offered by other departments

S.No.	Department	Offering Department	Semester	Courses	Participating Department
1	Biochemistry	B.Sc.	V	Microbiology	Microbiology
		M.Sc.	II	Microbiology	
2	Nutrition and Dietetics	B.Sc.	I	Food Microbiology	

7. Courses in collaboration with other universities, industries, foreign institutions, etc.

S.No.	Name of the Organization	Purpose of collaboration	Date of Signing
1	Dr.C.A.K Polyclinic, Mannargudi	Clinical training	08.04.2011
2	Biofarm, Coimbatore	Research and Training	Feb -2012
3	PhytoProducts, Thiruthuraipoondi	Research, Training and purchase of products	Aug -.2013
4	Meenakshi Hospital,Thanjavur	Research and Training	2014
5	INMA,Team-9,Ethiopia	Research	Awaiting
6	TANFED, Chennai	Research and Training	Awaiting
7	Swiss Garnier,Chennai	Research and Development	Awaiting

8. Details of courses / programmes discontinued (if any) with reasons: Nil

9. Number of Teaching Posts

S.No.	Grade	Sanctioned	Filled
1	Professor(Rtd)	-	2
2	Dean	1	1
3	Assistant Professors	9	9

10. Faculty profile with name, qualification, designation, specialization (D.Sc./D.Litt/ Ph.D/M.Phil., etc.,)

S. No	Name	Qualification	Designation	Specialization	Experience (Year)	No. of Ph.D. Students guided for the last 4 years
1	Dr. V. Dhivaharan	M.Sc.,D.E.M., Ph.D.	Dean	Aquatic Ecosystem, Habitat Upgradation, Follicolous Fungi, Mycology and Wild life management	16	1
2	Dr.V.B.Hosagoudar	M.Sc.,D.B.M., Ph.D.,D.Sc.	Professor	Fungal Diversity	7	1
3	Dr.R.Saravanamuthu	M.Sc.,M.Phil., Ph.D.PG DCA.,FBS	Professor	Mycology	35	8
4	Dr. K. Kandavel	M.Sc., Ph.D.	Vice-Principal	Forest Ecology	8	-

S. No	Name	Qualification	Designation	Specialization	Experience (Year)	No. of Ph.D. Students guided for the last 4 years
5	Dr.N.Uma Maheswari	M.Sc., Ph.D.	Asst. Prof and Head	Environmental and Agri. Microbiology, Mycorrhizal Technology	12	3*
6	Dr. M. Kannahi	M.Sc., M.Phil., Ph.D.	Asst. Prof	Environmental and Agri. Microbiology, Mycorrhizal Technology	12	3*
7	Mrs. J. Victoria	M.Sc.,M.Phil (Ph.D),SET	Asst. Prof	Environmental and Agri. Microbiology	9	-
8	Mrs. R.Mangalanayaki	M.Sc. M.Phil., (Ph.D)	Asst. Prof	Environmental and Agri. Microbiology	8	-
9	Mrs. G.Manimekalai	M.Sc. M.Phil.,	Asst. Prof	Environmental and Agri. Microbiology	6	-
10	Mrs. K.Ahilandeswari	M.Sc. M.Phil., (Ph.D.,)	Asst. Prof	Agricultural Microbiology	3	-
11	Ms. S. Priya	M.Sc.,M.Phil., (Ph.D.,)	Asst. Prof	Pharmacology	7	-
12	Mrs.O.N.Shanmugapriya	M.Sc., M.Phil., PGDBI	Asst. Prof	Medical Microbiology	6	-

*Students are doing Ph.D. and the research work is under progress

11. List of Senior Visiting Faculty

S.No.	Faculty Name	Qualification	Area of Specialization
1	Dr. D. Velmurugan, Professor &Head, Department Crystallography and Biophysics, Madras University, Chennai.	M.Sc., Ph.D.	Crystallography and Biophysics
2	Dr. A. Panneerselvam, Associate Professor &Head, Department of Botany and Microbiology, A.V.V.M Sri Pushpam College, Poondi	M.Sc., M.Phil., Ph.D.	Mycology

3	Dr. T.Selvaraj, Professor of Pathology and Microbiology, Department of Agriculture and Horticulture, College of Agriculture and Veterinary Science, AMBO University, Ethiopia, East Africa	M.Sc.,M.Phil.,Ph.D.	Mycorrhizal Technology
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12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty- Nil

13. Student –Teacher Ratio (Programme wise)

S.No.	Programme	Student – Teacher Ratio
1	B.Sc., Microbiology	18:1
2	M.Sc., Microbiology	7:1
3	M.Phil., Microbiology	3:1

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled.

S.No.	Grade	Sanctioned and Filled
1	Technical Staff	2

15. Qualification of Teaching Faculty with D.Sc./D.Litt/ Ph.D/M.Phil./PG.

S.No.	Name	Qualification
1	Dr. V. Dhivaharan	M.Sc.,D.E.M.,Ph.D.
2	Dr.V.B.Hosagoudar	M.Sc.,D.B.M.,Ph.D.,D.Sc.
3	Dr.R.Saravanamuthu	M.Sc.,M.Phil.,Ph.D.
4	Dr. K.Kandavel	M.Sc., Ph.D.
5	Dr. N. Uma Maheswari	M.Sc.,Ph.D.
6	Dr. M. Kannahi	M.Sc.,M.Phil., Ph.D.
7	Mrs. J. Victoria	M.Sc.,M.Phil., (Ph.D.,) SET
8	Mrs. R. Mangalanayaki	M.Sc. M.Phil., (Ph.D.)
9	Mrs. G. Manimekalai	M.Sc.M.Phil., (Ph.D.)
10	Mrs. K. Ahilandeswari	M.Sc.M.Phil., (Ph.D.)
11	Ms. S. Priya	M.Sc.,M.Phil., (Ph.D.)
12	Mrs.O.N.Shanmugapriya	M.Sc., M.Phil.,PGDBI.

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received

S.No.	Nature of the Project	Duration	Title of the Project	Name of the funding Agency	Remarks
1	Extramural Research Individual Centric	2013-2016	Molecular Characterization of Heavy Metal Degrading Bacteria and Fungi from Paper Mill Effluent	DST-SERB, New Delhi	Applied
2	Student Research Project	2014-2015	Phycoremediation of heavy metals by <i>Spirulina sp.</i>	TNSCST	Applied

17. Departmental projects funded by DST –FIST; UGC, DBT, ICSSR, etc. and total grants received

S.No	Name of the Project	Amount Granted	Funding Agency
1	Effect of symbiotic Foliicolous fungi on the dynamics of the shola species of Western Ghats	Rs. 21,13,314 /-.	STET Management

S.No.	Name of the Instrument purchased / Training Programme	Amount Rs./Materials	Name of the Financial / Granting Agency
1	Gas Chromatographic Instrument	2,39,230	GeMac Capital Advisors Ltd., Chennai
2	Extraction Unit	Donated	Yoge Enterprises, Pune
3	HPLC	Donated	STET Trust, Mannargudi

18. Research centre/ facility recognized by the University - Recognized by the Bharathidasan University

S.No.	Course Name	Year of Recognition	Reference Number	PT/FT
1	M.Phil.	2002	09681/D1/2002/19.08.2002	FT
2	Ph.D.	2006	25983/D3/2006/09.10.2006	PT/FT

19. Article Published per Faculty

S.No.	Staff Name	Total No. of Papers published	No. of Papers Published in Journals		Impact Factor	Abstract in National Seminars	Book Chapters	Books Published
			National	International				
1	Dr.V.Dhivaharan	7	1	6	-	-	1	
2	Dr.V.B.Hosagoudar	412	86	326	122			22
3	Dr.R.Saravanamuthu	54	28	26	39		10	3+1(in press)
4	Dr. K.Kandavel	5	-	5	-	2		1
5	Dr.N.Uma Maheswari	44	4	40	27	25	-	1 Mycorrhizae
6	Dr. M. Kannahi	40	6	34	22	21	-	1 Modern Virology
7	Ms. J.Victoria	9	-	9	8	11	-	
8	Ms.R.Mangalanayaki	5	-	5	9	8	-	
9	Ms.G.Manimekalai	3	-	3	2	10	-	
10	Ms.K.Ahilandeswari	3	1	2	1	3	-	
11	Ms.S.Priya	30	2	28	9	9	-	
	Total	612	128	484	239	89		28+1(in press)

20. Area of consultancy and income generated:

A sum of **Rs.10,00,000/-** was contributed by the management as seed money for the creation of **Biominin and STET Bio – Floral Products Development & Research Centre**, which produces vermicompost, compost, biofertilizers and micro nutrients.

S.No.	Year	Name of the Laboratory	Products	Income generated
1.	2005-2014	Biominin and STET Bio – Floral Products Development & Research Centre & PG and Research Department of Microbiology	Micronutrients Preparation, Biofertilizer Production, Soil Analysis including Heavy Metals.	Rs. 26,16,868.25/-

21. Faculty as members in a) National committees b) International Committees c) Editorial Boards: 7

S.No	Name of the Staff	Membership	Name of the association/Journal
1	Dr.V.Dhivaharan	National Committee	Life Member in Microbiology Society of India All India management Association, New Delhi.
		Editorial Member	Scientific Transactions in Environment and Technovation
2	Dr.V.B.Hosagoudar	International Committee	American Biographic Institution New York Academy of Sciences
		National Committee	Indian Phytopathological Society Kerala Academy of Sciences
		Editorial Member	Indian Phytopathology Zoos' Print Bioscience Discovery Journal of Threatened Taxa
3	Dr.R.Saravanamuthu	National Committee	Indian Science Congress Association Indian Botanical Society Flora
		Editorial Member	Scientific Transactions in Environment and Technovation
4	Dr.N.Uma Maheswari	International Committee	Life Member in American Association for the Advancement of Science (AAAS)
		National Committee	Life Member in Association of Microbiologists of India (AMI) Indian Science Congress Association (ICSA)
5	Dr.M.Kannahi	National Committee	Life Member in Association of Microbiologists of India(AMI) Indian Science Congress Association (ICSA)
6	Mrs.J.Victoria	National Committee	Association of Microbiologists of India, Pune (AMI)
7	Ms.S.Priya	National Committee	Society of Biological Chemist, India Society for Biological Science Association (SBA), India

22. Student projects

a) Percentage of students who have done in – house projects including inter departmental/programme

S.No.	Academic Year	No. of in – house Projects		Percentage (%)	
		Microbiology	Biotechnology	Microbiology	Biotechnology
1	2009-10	23	9	72	60
2	2010-11	16	4	70	45
3	2011-12	27	-	82	-
4	2012-13	33	6	100	43
5	2013-14	33	4	100	57

b) Percentage of students placed for projects in organizations outside the institution i.e., in research laboratories / industry/ other agencies.

S.No.	Academic Year	No. of projects in other institutions		Percentage (%)	
		Microbiology	Biotechnology	Microbiology	Biotechnology
1	2009-10	9	6	28	40
2	2010-11	7	5	30	55
3	2011-12	6	-	18	-
4	2012-13	-	8	-	57
5	2013-14	-	3	-	43

23. Awards / Recognitions received by faculty and students

Awards Received by Faculty

S.No.	Academic Year	Name of the faculty received	Awards Received	Name of the Awardee
1	2000	Dr. V.Dhivaharan Dean, Department of Microbiology	The Millenium Award	All India Isshinaryu Karate Association.
2	2000		Idayam Kappon	Lions Club, Mannargudi
3	2001		Outstanding Young Person	JCI, Chidambaram
4	2002		Kalvi Pani Chemmal	All India Tamil Writers Associations, Chennai
5	2006		Man of the Year -2006	American Biographical Institute, USA
6	2013		Life Time Achievement Award	ECO CLUB, H.H. Rajah's Government College, Pudukkottai.
7	2007	Dr.V.B.Hosagoudar	Leading Scientist of the world	International Biographical Institute, Great Britain
8	2010			
9	2013			
10	2010		Outstanding Scientist of the Year- 2010	

S.No.	Academic Year	Name of the faculty received	Awards Received	Name of the Awardee
11	1982	Dr .R.Saravanamuthu	Teacher Fellow Award	UGC, New Delhi
12	1987		Fellow of the Indian Botanical Society	Indian Botanical Society
14	1998		Man of the Year	American Biographical Institute, USA
15	1999		Man of the Year	
16	2000		Man of the Year	
17			The 2000 Millenium Medal of Honour	
16	2000		Commemorative Medal of Honour, Hallmark	
18	2004		Rotary Club Centennial Award	Rotary Club, Mayiladuthurai
19	2005		Research Fellow 2005	American Biographical Institute, USA

Awards Received by Students

S.No.	Academic Year	Name of the Student	Programme	Venue	Awards
1	2008	T.Suganya	Microbial Biodiversity, Bioremediation and Biotechnology.	Cauvery College,Trichy	Best Poster Presentation
2	2008	M.Jaya	Human Health Care Challenging Issues and Biotehnological Approach	Annai College, Kumbakonam	Best Poster Presentation
3	2010	T.Malarvizhi	Recent Advances And Challenges In Clinical Microbiology And Biomedical Engineering	J.J College Pudukkottai	Best Poster Presentation
4	2010	M.Kalaikodi			II-Prize in Poster Presentation
5	2014	K.Divya	Essay Competition- Food and Consumer Protection Act	Collectorate, Thiruvarur	I-Prize

Best Outgoing Student Award

S.No.	Year	Name	Name of the Programme	Sponsored Agency
1	2001	B.S.Sangeetha	B.Sc.,Microbiology	Rukmani Gas Agency, Mannargudi
2	2004	S.K.Shanthi	B.Sc.,Microbiology	
3	2011	N.Benazir Begum	B.Sc.,Microbiology	
4	2012	K.Aiswarya	M.Sc.,Microbiology	

Endowment Prize Received by the students

S.No.	Programme	Batch	Name of the Student	Name of the Award/Endowment Prize
1	B.Sc.	2006-2009	K.Kalaivani	T.C.V Engineering, Chennai and Dr.C.A.K Gold Medal
			M.Sherley	Dr.C.A.K Silver Medal
2		2007-2010	A.S.Musfiqa Jafrin	T.C.V Engineering, Chennai and Dr.C.A.K Gold Medal
			A.Shakila banu	Dr.C.A.K Silver Medal
3		2008-2011	N.Benazir Begum	T.C.V Engineering, Chennai and Dr.C.A.K Gold Medal
			N.Sithara	Dr.C.A.K Silver Medal
4		2009-2012	M.Kasthuri	T.C.V Engineering, Chennai and Dr.C.A.K Gold Medal
			K.Abirami	Dr.C.A.K Silver Medal
5		2010-2013	K.Ananthi	T.C.V Engineering, Chennai and Dr.C.A.K Gold Medal
			P.Thenmozhi	Dr.C.A.K Silver Medal
6	M.Sc.	2007-2009	M.Nalini	Ln. M. R. Nandhagopal, Thiruvarur
7		2008-2010	B.Suganya	
8		2009-2011	H.Uma Maheswari	
9		2010-2012	M.Bhuvaneswari	
10		2011-2013	G.Brindha	

Students as office bearers

S.No.	Name	Year	Details
1.	C. Pamila Nahomi selvam	1995-1996	Asst. Secretary for Games
2.	I. Vinibha Rajakumari	1995-1996	NSS Secretary
3	T. Padmavathi	1996-1997	Sports Secretary
4.	R. Malarmathi	1997-1998	Sports Secretary
5	M.Shubashini	1999-2000	NSS Secretary
6	K.Parkavi	2004-2005	NSS Secretary
7	M.P.Vidhusa	2006-2007	Fine Arts Secretary
8	G. Sahana	2007-2008	Fine Arts Secretary
9	M.Sherley	2008-2009	College Secretary
9	N.Benazir Begam	2010-2011	College President
10	K.Ananthi	2011-2012	College Secretary
11	S. Keerthika	2014-2015	College Secretary

Recognitions Received by Students

One of our Research scholars, Mrs. R.Nithyatharani, the first candidate of the Department awarded Ph.D., by Bharathidasan University in 2013. Totally 78 species of Foliicolous fungi were recorded, in which 10 species and 2 varieties are new discoveries. It includes the Genus *Asterina* (6), *Meliola* (5) and *Questieriella* (1). Among the fungi identified, two are new record to India. The name of the Foliicolous fungi are listed below,

Major Contribution

S.No.	List of New Species	List of New varieties	List of New record to India
1	<i>Meliola cyperacearum</i>	<i>Asteridiela solani</i> var. <i>kodaikalensis</i>	<i>Meliola euonymi</i>
2	<i>Meliola hoveniae</i>	<i>Meliola daviesii</i> var. <i>kodaikalensis</i>	<i>Asterina clematidis</i>
3	<i>Meliola luculiae</i>		
4	<i>Meliola thiyagesanii</i>		
5	<i>Asterina scutellariae</i>		
6	<i>Asterina dhivaharanii</i>		
7	<i>Asterina kukkalensis</i>		
8	<i>Asterina phobegena</i>		
9	<i>Asterina polygalae</i>		
10	<i>Asterina viburnii</i>		
11	<i>Questieriella toddaliae</i>		
12	<i>Meliola exacigena</i>		

Our Second Ph.D.Scholar, Mrs.S.Rhama is going to present her Viva-voce examination in 2014. 09 research scholars are doing Ph.D.under the guidance of Dr. N.Uma Maheswari and Dr.M.Kannahi, the alumnae of our College. Totally, 13 Research Scholars are doing Ph.D in the Department.

In the batch 2007-2010, the students of B.Sc., Microbiology got the first three ranks of Bharathidasan University.

S.No.	Academic Year	Name of the Students	Ranks
1	2000-2003	S.K.Shanthi	I Rank in Tamil
2	2007-2010	A.S.Musfiqa Jafrin	I
3		A.Shakila Banu	II
4		L.Firthows Parween	III

Details of University ranks obtained by the students

S.No.	Programme	Batch	Total Number of University Ranks
1.	B.Sc., Microbiology	2006-2009	2
2.		2007-2010	7
3.		2008-2011	8
4.		2009-2012	1
5.		2010-2013	6
6.		2011-2014	3
7.	M.Sc., Microbiology	2007-2009	10
8.		2008-2010	8
9.		2009-2011	3
10.		2010-2012	6
11.		2011-2013	6
12.		2012-2014	8
13.	M.Sc., Biotechnology	2006-2008	1
14.		2007-2009	4
15.		2008-2010	3
16.		2009-2011	1
17.		2011-2013	4
18.		2012-2014	2
		Total	80

Details of Staff Members having Ph.D and M.Phil Research Advisorship.

S.No.	Staff Name	Research Advisorship	
		M.Phil.,	Ph.D.,
1	Dr. V. Dhivaharan	Yes	Yes
2	Dr.V.B.Hosagoudar (Honorary Research Advisor)	Yes	Yes
3	Dr.N.Uma Maheswari	Yes	Yes
4	Dr. M. Kannahi	Yes	Yes
5	Mrs.J.Victoria	Yes	-

Totally, 06 faculties have been awarded the Ph.D., Degree. At present, 06 faculties of the department are doing their Ph.D.,

Recognitions Received by Faculty

- **Dr. V. Dhivaharan - Chairman** of Sengamala Thayaar Educational Trust Group of Institutions, **Managing Trustee** of Sengamala Thayaar Educational Trust and Balavidya Ganapathy Educational and Charitable Trust, Mannargudi, **Executive Editor** and Publisher of Scientific

Transactions in Environment and Technovation. Research Advisorship for Ph.D in Wild Life Biology, Microbiology and Zoology. Recorded 11 new species of Leaf Dwelling Fungi. International Community on Mycological studies named a new fungus on his name to honour his contribution towards mycological studies i.e. *Asterina dhivaharanii* sp.nov., Member of Board of Studies in AVC college, Mayiladuthurai. Member of Departmental Research committee. Life member of Microbiology Society of India. Member in All India Management Association, New Delhi.

- Dr.V.B.Hosagoudar- Authority** on Indian *Meliolales*, *Asterinales*, the genus *Schiffnerula* and Powdery Mildews of India. Contributed to Rusts and Tar spot diseases. **Fellow** of Indian Phytopathological Society, **Member** of American Biographic Institution, New York Academy of Sciences, Kerala Academy of Sciences, **Editorial committee member** of Indian Phytopathology Journal from 2007 to 2010, **Associate Editor** of Mycology to Indian Phytopathology Journal from 2010 onwards, **Council member** of Indian Mycological Society, **Editorial committee Member** of Zoos' Print Journal from 2006 to 2009, Bioscience Discovery from 2010, Journal of Threatened Taxa from 2009 onwards. **Name entered** as “**outstanding scientists of the 21st century**”, “World's Who is Who” dictionary, “Who is Who in Asia” dictionary, the Marquis Dictionary as “Who's Who in Science and Engineering”. **Research Advisor** in Microbiology to Sengamala Thayaar Educational Trust Women's College, Mannargudi 641 001, Tamil Nadu since 2007, **Editor** of J. Scient. Trans. Environ. Techn., BVG Trust, Mannargudi. The name honoured with two species of my specialisation: *Lembosia hosagoudari* Sivanesan & R.G. Shivas (Fungal Diversity, 11:163, 2002) and *Meliola hosagoudarii* Song (Fungal Diversity 12: 174, 203). **Professional Experience** on Microfungi for more than three decades, worked for fifteen years on the microfungi taxonomy in a highly reputed Botanical Survey of India, Southern Circle, Coimbatore, **Worked** on ethnobotany of Nallamalai (AP), Nilgiris and Anamalai (TN) and B.R. Hills (Karnataka), four years teaching experience in the subject Forest Pathology to Assistant Conservators of Forests, Established a **fungal exsiccatae (Herbarium)** for the first time in Kerala, which forms the third in India- holds more than 3400 exsiccatae with readily available permanent slides and descriptions, **Surveyed foliicolous fungi** of Idukki Hydro-electric Project Area, Munnar and Wayanad regions and Peppara and Neyyar Wildlife Sanctuaries. **Research guide** in Botany, Biotechnology and Microbiology of **Kerala, Kannur University**, Kerala and **Bharathidasan University**, Thiruchirappalli, Tamil Nadu.
- Dr.R.Saravanamuthu- Ex-Head** of Department of Botany, **Ex-Director, R&D cell**, AVC College, Mayiladuthurai. **Counselor/Doctoral committee Member** for more than 40 candidates. **Life Member** in Indian Science Congress Association, Indian Botanical Society and Flora. **Member in** Board of Management, TNAU (Tamil Nadu Agricultural University) Coimbatore from 2002 to 2005, Board of Management, **Education Committee** during 2010-2011, Governing Council, College Council during 2010-2011, Staff council in A.V.C. College (Autonomous), Act, Statutes and Regulations (ASR) amendment – Sub Committee – TNAU during 2003-2004. **Served as Member in all college committees from time to time.** **Chairman**-Board of studies in Botany (UG), Bharathidasan University, Tiruchirappalli. Board of studies in UG & PG Plant Biology & Plant Biotechnology, (Botany), A.V.C.College (Autonomous), **Member in Standing Committee** on Academic affairs,

Bharathidasan University, Tiruchirappalli, **Member of Board of studies** in Botany (PG) – (two terms) Bharathidasan University, Tiruchirappalli, Microbiology (UG & PG) Thiruvallurvar University, (two terms), Vellore, Botany & Microbiology (two terms) A.V.V.M. Sri Pushpam College, Poondi, Thanjavur Dt, Extra Disciplinary Course on Edible Mushrooms. - A.V.V.M. Sri Pushpam College, Poondi, Thanjavur, Botany (UG & PG), Govt. Arts College (Autonomous), Karur, Botany (three terms) ADM College for women, Nagapattinam, Botany, Rajah Serfoji Govt. Arts College, Thanjavur, Botany, Poompuhar College, Melaiyur, Botany, Microbiology, Biotechnology, Bioinformatics, Wildlife Biology, Academic Council in A.V.C. College (Autonomous), Mannampandal. **Subject expert** for the selection of candidates for FIP in Botany, A.V.V.M. Sri Pushpam College, Poondi, Subject expert for the assessment of academic performance, A.D.M. College for Women, Nagapattinam, **One man Commission** representing Bharathidasan University for the grant of M.Phil programme in Botany to National College, Tiruchirappalli, One man Commission representing Bharathidasan University for the grant of B.Sc., Botany Srimad Andavan College, Tiruchirappalli, **Animal Ethics Committee**, STET College, Sundarakottai, Mannargudi. **Journal Editor** in Mayur, Editor, AVC College (Autonomous), Mannampandal, International Journal - Scientific Transactions and Environmental Technovation (STET), Balaganapathy Trust, Sundarakottai, Mannargudi. **Additional Chief Superintendent** – Central valuation, Collection point Bharathidasan University, Tiruchirappalli, Convenor of the examination Committee, **Chief Superintendent** – Autonomous examinations – Additional Chief Superintendent, Autonomous examinations, Chief Superintendent, Autonomous Practical examinations in A.V.C. College, Mannampandal, Additional chief Superintendent, TNPCEE – Chennai, Chief Superintendent, TNPCEE, Chennai, Chairman, Central valuation, UG Botany, Bharathidasan University. **Board Of Examiners– Question Paper Setting/Valuation committee in** Bharathidasan University, PG-Botany, Periar University, Salem, Pondicherry University, PG & M.Phil – Bharathiar University, Coimbatore, Manonmaniam Sundaranar University, PG and M.Phil, ANJAC, Sivakasi, PG and M.Phil Thiagarajar College, Madurai, Presidency College, Chennai, P.S.G College of Arts and Science, Coimbatore, P.S.G.R. Krishnammal College of Arts and Science, Coimbatore, Gobi Arts and Science College, Gobichettipalayam, Annamalai University, Chidambaram, Bharathidasan Govt. Arts College for women, Pondicherry, St. Xavier’s College, Palayamkottai, A.V.V.M. Sri Pushpam College, Poondi, Thanjavur, Rajah Serfoji College, Thanjavur, Kundhavai Naachiar Govt. Arts College for women, Thanjavur, Govt. Arts College for women, Pudukkottai, H.H.Rajash’s Govt. Arts College, Pudukkottai, A.D.M. College for women, Nagapattinam. Poompuhar College, Melaiyur, M.Sc., & M.Phil, Department of Microbiology, Bharathidasan University, Trichirappalli. **Coordinator** – Nagapattinam District – Creation of Scientific awareness Programme – **Tamil Nadu State Council for Science and Technology**, Chennai. Conducted more than **30 extension service programmes** on Mushroom cultivation for villages, SHGs and students. **A talk** (Three programmes) on **medicinal plants** – **All India Radio**, Tiruchirappalli.

- **Dr.K.Kandavel- Vice Principal** of STET Women’s College, Member of **Board of studies** in UG and PG Botany, Bharathidasan University, Thiruchirappalli. Worked as a **Zoo Interpreter** in **Amirthi Mini Zoo**, Vellore Forest Division. Worked as a **Forest Scientist** in Kodaikanal Forest Division, Tamilnadu Forest Department. Appointed as **Junior Research Fellow** in Project, “Role of Birds in Seed dispersal and Natural regeneration of Forest plants in Western Ghats,”

Tamilnadu funded by Tamilnadu Forest Department. SACON,Coimbatore. Delivered many Radio Lectures on Ecological Protection (Suzhalal Kappom), Significance of Amateur Radio (Ham Radio) in Disaster communication broadcasted in **All India Radio**, Special Interview telecasted in **Doordarshan** on Nature Conservation (Munnetra Pathaiyile), Article publication in **Dinamalar**, a daily Tamil News paper on Human community versus Natural Resources (Forests Conservation).

- **Dr.N.Uma Maheswari** - Delivered special lecture on “Transplantation Immunology” on 26.07.2010 at Idhaya College of Arts and Science, Kumbakonam. Research advisor for M.Phil and Ph.D Microbiology, Member of **Question Paper Setting Committee** in Periyar Maniyammai, Periyar, Alagappa Universities and various autonomous colleges. Doctoral Committee member, **Chairman and Chief Examiner** for UG in Bharathidasan University & PG Microbiology in A.V.C College, Mayiladuthurai and A.V.V.M Sri Puspham College, Poondi, **Practical Examiner** for UG Microbiology, **Convenor** in National Seminar.Examiner for M.Phil viva-voce. Member of College and Departmental Research committee. Member in Curriculum Development Cell,STET Women’s College, Life member of Association of Microbiologists of India (AMI), Annual member of Indian Science Congress Association (ISCA) and American Association for the Advancement of Science (AAAS).). Attended Refresher ,Orientation, HRD and FDP programmes. Co-ordinator of Environmental and Rotaract Club.
- **Dr.M.Kannahi** - Delivered special lecture on “rDNA Technology” on 26.07.2010 at Idhaya College of Arts and Science, Kumbakonam. **Research advisor** for M.Phil and Ph.D Microbiology, Member of **Question Paper Setting Committee** in Periyar Maniyammai, Periyar, Alagappa Universities and various autonomous colleges. Doctoral Committee member, **Chief Examiner** for UG in Bharathidasan University & PG Microbiology in A.V.V.M Sri Puspham College, **Practical Examiner** for UG Microbiology, Co-ordinator in National Seminar.Examiner for M.Phil viva-voce. Member of Departmental Research committee. Member in Curriculum Development Cell, STET Women’s College, Life member of Life member of Association of Microbiologists of India (AMI) and Annual member of Indian Science Congress Association (ISCA). Attended Refresher, Orientation, HRD and FDP programmes. Co-ordinator of Red Ribbon Club
- **J.Victoria** – Qualified SET in 2012, **Research advisor** for M.Phil Microbiology, Member of **Question Paper Setting Committee** in Periyar Maniyammai, Alagappa Universities and various autonomous colleges. **Additional Chief Superintendent** for Bharathidasan University Examinations in 2012-2013. **Examiner** in UG Microbiology Central Valuation, **Practical Examiner** for UG Microbiology, **Organizing Committee member** in National Seminar. Annual Member in Association of Microbiologists of India (AMI), Pune. Attended Refresher, Orientation, HRD and FDP programmes. Co-ordinator of Youth Red Cross.
- **R.Mangalanayaki** - Member of **Question Paper Setting Committee** in Alagappa University. **Examiner** in UG Microbiology Central Valuation, **Practical Examiner** for UG Microbiology, **Organizing Committee member** in National Seminar. Attended Refresher, Orientation, HRD and FDP programmes. Co-ordinator of Red Ribbon Club

- **G.Manimekalai** - **Examiner** in UG Microbiology Central Valuation, **Practical Examiner** for UG Microbiology, **Organizing Committee member** in National Seminar. Attended Refresher, Orientation, HRD and FDP programmes. Co-ordinator of Red Ribbon Club
- **S.Priya** - **Examiner** in UG Microbiology Central Valuation, **Practical Examiner** for UG Microbiology, **Organizing Committee member** in National Seminar. **Reviewer** in Research and Review STM journal of Pharmacology and Research Journal of Biotechnology. Attended Refresher ,Orientation, HRD and FDP programmes. Co-ordinator of Red Ribbon Club
- **O.N.Shanmugapriya** – **Examiner** in UG Microbiology Central Valuation

24. List of Eminent Academicians and Scientists / Visitors to the Department

S.No	Academic Year	Name of Visitor/ Scientist	Area of Specialization	Institution	Purpose of Visit
1	2010	Dr.T.Selvaraj	Mycorrhiza	Ambo University, Ethiopia	Department Seminar
2	2010	Dr.K.Balakrishnan	Bioinformatics	Bharathidasan University	Department Seminar
3	2011	Dr.R.Rajendran	Microbial biotechnology in textiles	PSG College, Coimbatore	Department Seminar
4	2012	Dr.R.Jaganmohan, Dr.K.Alagusundaram	Food Processing	IICPT, Thanjavur	National Seminar
5	2013	Dr.R.Saravanamuthu	Mycology	A.V.C College, Mayiladuthurai.	Department Seminar
6	2014	Dr.A.Panneerselvam	Mycology	A.V.V.M Sri Puspham College, Poondi.	Department Seminar
7		Dr.S.Kulothungan	Tissue Culture	A.V.V.M Sri Puspham College, Poondi	Department Seminar
8		Dr.S.Chandran	Tissue Culture	A.V.V.M Sri Puspham College, Poondi	Department Seminar

25. Seminar/ Conferences/ Workshops organized and the source of funding

a. National b. International

National Seminar conducted by the Department

S.No	Date	Topic	Resource Person	Funding Agencies	No. of Beneficiaries
1	21.01.2012	Biotechnological and Nanotechnological approaches in Food Processing	Dr. K. Ramasamy, Member, State Planning Commission, Tamilnadu	Indian Institute of Crop processing Technology and B.V.G Trust	325
			Dr. D. Velmurugan, Dept. of Biophysics and Crystallography, University of Madras, Chennai		
			Dr. R. Jaganmohan, Scientist, Indian Institute of Crop Processing Technology, Ministry of Food Processing Industries Thanjavur		
			Dr. K. Alagusundaram Director, Indian Institute of Crop Processing Technology, Thanjavur		

26. Student profile programme/ course wise:

S.No	Name of the Programme	Academic Year	Application Received	Admitted	Enrolled	Pass percentage
1.	B.Sc., Microbiology	2008-2011	84	65	Female	100
		2009-2012	93	65		100
		2010-2013	99	65		100
		2011-2014	103	62		98
2.	M.Sc., Microbiology	2009-2011	25	22		100
		2010-2012	44	34		100
		2011-2013	34	34		100
		2012-2014	30	27		100
3.	M.Phil., Microbiology	2010-2011	7	5		100
		2011-2012	6	6		100
		2012-2013	14	11		100
		2013-2014	8	8		100

27. Diversity of Students

S.No	Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
1.	B.Sc., Microbiology	100	-	-
2.	M.Sc., Microbiology	100	-	-
3.	M.Sc., Biotechnology	100	-	-
4.	M.Phil., Microbiology	100	-	-
5.	Ph.D., Microbiology	90	10	-

28. SLET/NET/ and civil service examination Details of Other Exams Passed by our Students

S.No.	Name	Exam Name	Year
1	A.Sathiya	NET	2004
2	S.Rhama	SLET	2006
3	K.Priya	SLET	2006
4	D.Nithya	Group I	2008
5	J.Victoria	SET	2012
6	B.Suganya	Group II	2012
7	H.Umameswari	Group II	2013
8	R.Saranya	Group-IV	2014
9	L.Jayapriya	Group-IV	2014

29. Student progression

S.No.	Student Progression	Against % enrolled					PG-Ph.D.,	M.Phil. - Ph.D.	Entrepreneurship / Self-employment
		2009-2010	2010-2011	2011-2012	2012-2013	2013-2014			
1	UG-PG	68	68	71	67	90	6	3	3
2	PG-M.Phil	50	40	100	100	100			
3	Other than campus selection	7	5	1	12	3			

30. Infrastructural facilities

a. Library

S.No.	Department	Reference Books	Text Books	e-Books	CDs	Journals		Magazines
						National	International	
1	Microbiology	840	858	7	18	11	15	1

b. Internet facilities for staff and students

The STET Campus 8Mbps Internet connectivity leased line 1:1 uncompressed and unshared on MPLS (Multi Protocol Label Switching) network dedicated on optical fiber link. The Department has 2 nodes with internet facility.

c. Class room with ICT facility

The Department has one smart class room with ICT facility.

S.No.	Class Room	Area in Sq.ft.
1	I B.Sc., Microbiology	600
2	II B.Sc., Microbiology	600
3	III B.Sc., Microbiology	600
4	I M.Sc., Microbiology	600
5	II M.Sc., Microbiology	600
6	M.Phil. Microbiology	620

d. Laboratories

- In the laboratory, a Herbarium Unit for Follicolous fungi is maintained with a collection of 190 fungal species.
- Instruments like Atomic Absorption Spectroscopy, Gas Chromatography with MS Oracle 2, HPLC, Thermal Cycler, Trinocular Microscope-BX51 with Image Pro Plus ,CX41, Binocular Microscope-CX31, Phase contrast Microscope, Inverted Tissue Culture Microscope, Gene Sequencer, Gel Documentation system with Airsoft, Bioreactor, UV-Vis Spectrophotometer with SPECTRO-119 and Transilluminator etc., are available in the laboratory.
- Tissue culture lab will be added for the students and staff members, to carry out their research activity.

Laboratory	Area in Sq.ft.	Smart Class Room
UG Laboratory	1225x 600	600Sq.Ft.
PG and Research Laboratory	2975x2100	
Tissue Culture Laboratory	100	

31. Number of students receiving financial assistance from college, university, government or other agencies

Financial Assistance granted by the Government and College

S.No.	Academic Year	Nature of Assistance			
		Government			Institution
		SC/ST	Farmers	First Graduate	Freeship
1	2009-2010	6	64	48	-
2	2010-2011	13	46	61	1
3	2011-2012	16	77	63	1
4	2012-2013	11	52	62	-
5	2013-2014	15	70	59	1

Fund for Research Activity

The Management established a Field Research Station at Kodaikanal to study the “Effect of Symbiotic Foliicolous fungi on the dynamics of the Shola species of the Western Ghats” during the period of 2006-2011. It was totally a management funded project. The cost of the research was Rs. 21,13,314/-

S.No	Name of the Scholar	Programme/ Department	Duration	Guide Name	Name of the principal investigators	Total Expense	Fund Donated
1	R.Nithyatharani	Ph.D./ Microbiology	2006-11	Dr.V.B.Hosagoudar	Dr.S.Madhavan Dr.K.Kandavel	Rs. 21,13,314	BVG Trust, Mannargudi

S.No	Year	No. of projects funded	Total Expense (in Rs)	Funding Agency
1	2009-2010	3	17,000/-	Diva & Vivek JJ Anandh Exports, Chennai
2	2010-2011	3	12,000/-	
3	2011-2012	3	16,500/-	
4	2012-2013	3	20,000/-	
5	2013-2014	3	18,000/-	
	Total	15	89,000/-	

32. Details on student enrichment programmes (Special lectures/ workshops/ seminar) with external experts.

S.No	Academic Year	Resource Person	Title of Seminar Conducted	No. of Beneficiaries	Funding Agencies
1	2009	Dr. K. Thiyagesan. M.Sc., M.Phil., Ph.D.,	Nanobiotechnology	235	STET Management
2	2010	Dr.T.Selvaraj, M.Sc., M.Phil., Ph.D.,	Arbuscular mycorrhizal fungi: A sustainable agriculture in Medicinal plants.	269	
3	2010	Dr.K.Balakrishnan, M.Sc., M.Phil., Ph.D.,	Immunological Techniques	188	
4	2011	Dr.R.Rajendran M.Sc., Ph.D., M.B.A	Multifunctional Biotextiles	194	
5	2012	Dr.R.Jaganmohan, M.Sc., M.Phil., Ph.D., Dr.K.Alagusundaram M.Sc., M.Phil., Ph.D.,	Biotechnological and Nanotechnological approaches in food processing	137	
6	2013	Dr. R. Saravanamuthu, M.Sc., M.Phil., Ph.D.,	Probiotics, Prebiotics and Synbiotics	249	

S.No	Academic Year	Resource Person	Title of Seminar Conducted	No. of Beneficiaries	Funding Agencies
7	2014	Dr.A.Panneerselvam, M.Sc., M.Phil., Ph.D.,	Interdisciplinary Approaches In Research	189	

Workshops

S.No	Academic Year	Resource Person	Title of Seminar Conducted	No. of Beneficiaries	Funding Agencies
1	2007	Dr.D.Velmurugan M.Sc., Ph.D.,	Drug like molecules	226	STET Management
2	2007	Mr.Jijin, Mr.Sony Joseph, Mr.Muniappan	Demonstration on Instrumentation	193	
3	2007	Mr.D.Ruskin	Projects in Biotechnology	135	

33. Teaching methods adopted to improve student learning

Innovative approaches in teaching

The various methods of teaching used are

- e-Learning
- e-Content-concept development
- Power Point Presentation
- Lecture cum discussion
- Group discussion
- Co-Operative learning
- Objective type question
- Glossary- preparation and publication
- Book bank
- Question bank
- Issue of Previous year University question papers
- Issue of study materials from different websites
- Project works-Annexure
- Model Chart preparation
- Quiz competition
- Debate
- Model preparation
- Internship
- Field visits
- Industrial Visit

The different skills practiced are

- Skill of listening
- Skill of speaking
- Skill of reading
- Skill of writing
- Skill of explanation
- Skill of questioning
- Skill of illustrating with examples

34. Participation in Institutional Social Responsibility (ISR) and Extension activities.

- A certificate course on Microscopic Techniques has been conducting to the UG students of Chemistry, Biochemistry, Physics, Nutrition and Dietetics and Microbiology.
- Certificate course on **Bioinstrumentation** in collaboration with Biominin and STET Bio-Floral Products Development and Research Centre is offered for the students of Chemistry, Biochemistry, Physics and Microbiology

Details of Certificate courses offered

S.No.	Academic Year	Name of the Courses	Departments involved	No. of Beneficiaries
1	2014-2015	Microscopic Techniques	Chemistry, Biochemistry, Nutrition and Dietetics, Microbiology	247
2		Bioinstrumentation	Physics, Chemistry, Biochemistry, Microbiology	247

- Blood group analysis is conducted and recorded every year for the First year UG students of the college.

Details of students enrolled for blood grouping

S.No.	Academic Year	Nature of the Programme	Total No. of Students Tested
1	2010-2011	Blood Grouping	914
2	2011-2012		1037
3	2012-2013		1056
4	2013-2014		1060
5	2014-2015		1084
Total			5,151

Details of students attended the training programme

S.No.	Academic Year	Nature of the Programme	Departments Involved	No. of Beneficiaries
1	2011-2012	Bioinstrumentation	Physics, Chemistry, Biotechnology, PG and Research Scholars of Biochemistry and Microbiology	136
2	2012-2013			134

Details of Extension activities conducted by the Department

S.No.	Academic Year	Name of the Activity	Venue	No. of Beneficiaries
1	2012-2013	Blood Grouping	Sundarakkottai	74
2	2012-2013	Soil Analysis (Both Physico-chemical and Microbiological analysis)	Karuvakkurichi	25
3	2013-2014	Soil and irrigation water quality testing in collaboration with Krish Vigyan Kendra, Needamangalam, Soil and Water Management System, Kattuthottam, Coconut Research Station, Veppankulam and Soil Testing Center, Thiruvarur.	Sundarakkottai	153
4	2014-2015	Soil Analysis (Both Physico-chemical and Microbiological analysis)	Rishiyur	19(25 Samples)

Lab to Land Activities

Assessment of Water Quality

- The Departments of Biochemistry and Microbiology jointly organize mini projects every year to assess the water quality of ponds and wells in and around Mannargudi and the results are communicated to the stakeholders.

Soil Analysis

- The Department of Microbiology plays a vital role in routine soil analysis, production of micro nutrients and bio fertilizers and distribution to the farmers through STET Bio – Floral Products Development and Research Centre.

Coconut Research

- The coconut plantations of Thanjavur District are frequently affected by Tanjore Wilt, a fungal disease caused by *Ganoderma lucidum*. Awareness of the disease, its impact, measures to prevent and control and the ways by which the productivity can be improved was given by the departments of Biochemistry and Microbiology to coconut cultivators of neighbouring villages.

Vermicomposting

- Vermicompost is the organic fertilizer produced by using vegetable waste and earth worms. The production technology has been provided to the students, self help groups and women.

Apiculture

- Apiculture technique has been provided to the stakeholders by the Department of Microbiology through STET Bio-Floral Products Development and Research Centre.

Mushroom Cultivation

- The technology of mushroom cultivation is provided to the self help groups periodically.

35. SWOC analysis of the department and Future plans.

Strength

- Admissions equal to sanctioned strength - every year
- 100% pass in University examinations
- Faculty members qualified with 1 D.Sc., 6 Ph.D., 1 SET and all the others doing Ph.D, are the major strength of the department and they are specialized in emerging areas such as Aquatic Ecosystem, Forest Ecology, Environmental and Agricultural Microbiology, Medical Microbiology, Biotechnology & Tissue Culture etc.,
- One of the four Research Departments offering M.Phil. programme since 2002 and Ph.D., programme from 2006. Totally there are 10 Ph.D. scholars pursuing research in different areas like Environmental & Agriculture Microbiology, Bioremediation, Microbial Diversity and Mycological studies. 76 M.Phil., scholars of the Department have been awarded the degree so far by Bharathidasan University, Thiruchirapalli
- A well equipped laboratory with instruments like AAS, GC, HPLC and Trinocular Microscope (BX51) with a facility to view the specimen by 5 members at a time with all the different types of microscope in the same unit with Photomicrography.
- Contribution of **612 research papers** in reputed journal including “SCOPUS”
- The Department with research facility has provided the first Ph.D.candidate of the college with twelve new discoveries of Foliicolous fungi to scientific society.
- Staff members with training programme at institutions such as Coconut Research Station -Veppankulam, Soil and Water Management system - Kattuthottam, Tamilnadu Rice Research Institute - Aaduthurai, Centre for Advanced Studies in Marine Biology - Parangipettai, Tamilnadu Agricultural University and Biofarm, Coimbatore.
- Offering certificate course in Microscopic Techniques and Bioinstrumentation.
- Training programmes in Vermicompost and Mushroom Cultivation to Self Help groups to make them self-employable.

Weakness

- Less number of admissions in M.Phil programme in some years.
- Students do not have inclination to appear for competitive exam.

Opportunities

- More Job opportunities in industries such as Food Processing, Mineral Water and Beverage industries etc.
- Progression of education upto Ph.D.
- Opportunity to offer certificate courses to enhance employability
- Training in other institutions can be availed to carry out project / Research work

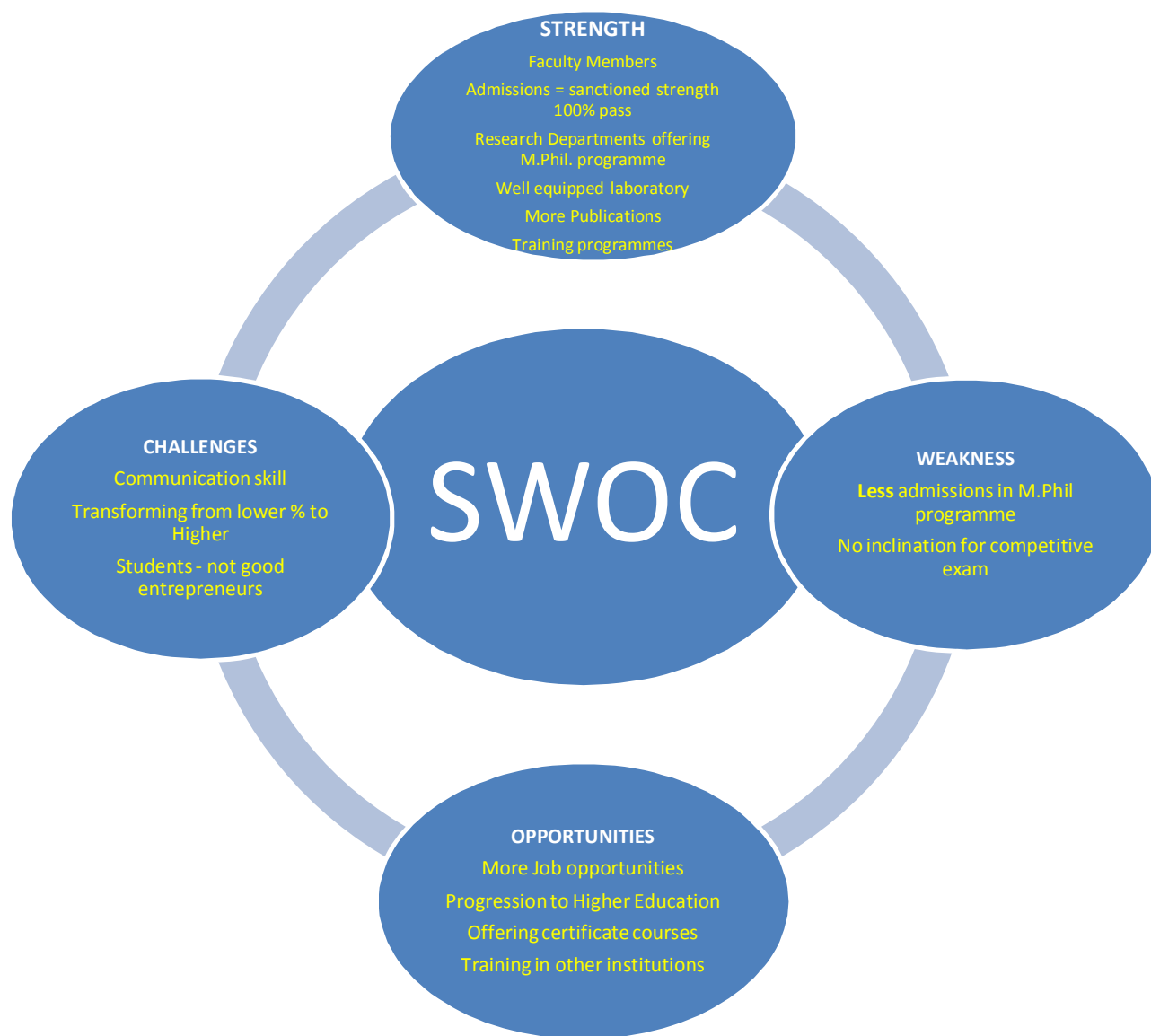
Challenges

- Communication skill of the students.
- Medium of instruction is Tamil at schools and English at the College.
- Transforming the students with minimum mark at +2 levels to pass with first class at UG.
- Ratio of students to become successful entrepreneurs is relatively less

Future Plan:

“To Serve the Humanity using Biological sciences as tool”

- Establishment of Tissue culture Laboratory
- Promoting entrepreneurship among the willing students
- Conducting national seminars/workshops/conferences
- Encouraging the staff members for the successful completion of their Doctorate Programme.
- Motivating the faculties to apply for funded projects
- Attempts to develop innovative process with Patent Right.
- Commercializing the products of STET Bio-Floral Products Development and Research Centre to generate fund for research activity.
- Arrangements to facilitate interdepartmental research.
- Joint programme of Microbiology and Biochemistry departments to degrade coir pith for the preparation of compost for crop plants.
- Collaborative research programmes and field studies by faculties and students with industries/ institutions
- Strengthening tie-up (MoUs) with industries and hospitals to enhance student employability
- Incessant attempts will be made to mobilize funds from funding agencies through project proposals.
- Every attempt will be made to transform the Department into Centre for Advanced study in Microbiology.
- Efforts will be made to provide outsourcing in advanced laboratory to other research laboratories/institution.
- Strengthening institution – industry – society nexus.



DEPARTMENT OF NUTRITION AND DIETETICS EVALUATION REPORT

1. Name of the Department : **NUTRITION AND DIETETICS**
 2. Year of Establishment : **1996**
 3. Names of Programmes offered :

S. No.	Programme	Year of Establishment
1	B. Sc., Nutrition and Dietetics	1996
2	M.Sc., Food Service Management and Dietetics	2002

4. Names of interdisciplinary courses and the department/units involved

S. No.	Department	Semester	Course Name	Department Involved
1	B.Sc., Nutrition and Dietetics	I	Food microbiology [Practical]	Microbiology
2		II	Basic chemistry [Theory & practical]	Chemistry
3		III	General Biochemistry and Nutrition [Practical]	Bio Chemistry
4		VI	Clinical Biochemistry [Practical]	Bio Chemistry
5	M.Sc., Food Service Management and Dietetics	I	Biochemical Changes in Diseases (Practical)	Bio Chemistry

5. Annual/Semester/ Choice based credit System (Programme wise)

S. No.	Programme	Pattern
1	B. Sc., Nutrition and Dietetics	Semester – Choice based Credit system
2	M.Sc., Food Service Management and Dietetics	

6. Participation of the department in the Courses offered by other department

S. No.	Department	Programme	Semester	Course	Department Involved
1	Microbiology	B.Sc.,	III & IV	Principles of Nutrition, Nutrition for the Family	Nutrition and Dietetics
2	Bio Chemistry				
3	Chemistry				

7. Courses in collaboration with other Universities, industries, foreign institutionetc.,

: Yes, Signed with MoU

S.No.	Year	Courses in Collaboration	Name of the Institution	Status
1	2014	Dietetics	Kovai Medical Centre & Hospital, Coimbatore	Signed
2	2014	Dietetics	Meenakshi Hospital, Thanjavur	Under processing
3	2011	Dietetics	Dr.C.A.K Polyclinic Mannargudi	Signed

8. Details of courses/ Programmes discontinued: Nil (if any) with reasons

9. Number of teaching posts :

S. No.	Teaching posts	Sanctioned	Filled
1	Assistant Professors	07	07

10. Faculty profile with name, qualification, designation, specialization

S.No.	Name of the faculty	Qualification	Designation	Specialization	Years of Experience	M. Phil, Guided, for the Last 4 years
1	Ms. G. K. Gomathi	M.Sc., M.Phil., PGDHM	Asst.Prof. & Head	Food Service Management	11	01
2	Dr. S. Vishnupriya	M.Sc., M.Phil Ph.D., UGC-NET	Asst.Prof.	Clinical Nutrition	2	Nil
3	Ms. R. Vijayalakshmi	M.Sc., M.Phil	Asst.Prof.	Food science	7	Nil
4	Ms. R. Kaviyarasi	M.Sc., M.Phil	Asst.Prof.	Clinical Nutrition	6	Nil
5	Ms. N. Sangeetha	M.Sc., M.Phil	Asst.Prof.	Food science	7	Nil
6	Ms. V. Anitha	M.Sc., M.Phil B.Ed.,	Asst.Prof.	Food Preservation	5	Nil
7	Ms. P. Abidevi	M.Sc., M.Phil	Asst.Prof.	Food Service Management	0	Nil

11. List of senior visiting faculty

S. No.	Name of the Visiting Faculty	Area of Specialization
1	Dr.R.Jaganmohan - Scientist IICPT, Ministry of Food processing industries, Govt.of India, Tamilnadu,	Food Processing RND
2	Dr. A. Sangeetha M.Sc.,Ph.D Assistant Professor, Department of Nutrition and Dietetics, Jamal Mohamed College, Trichy.	Food Processing

12. Percentage of lectures delivered and practical classes handled (Programmeme wise) by temporary faculty 2013 to 2014 - 45 % lecture delivered and 18 % of practical classes

Temporary Faculty

S. No.	Academic Year	Name	Percentage of Lecture Delivered	
			Lecture 45%	Practical 18%
1	2013 - 14	P. Abidevi M.Sc., M.Phil	Food Service Management	Dietetics
			Biochemical Changes in diseases	
			Research Methodology	

13. Student-Teacher Ratio (Programme wise)

S. No.	Programme	Student Teacher Ratio
1	UG Programme - B.Sc.,	19:1
2	PG Programme - M.Sc.,	5:1

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled –

Number of Technical Staff

Sanctioned : 1
Filled : 1

15. Qualifications of teaching faculty with DSc/D.Litt/Ph.D/M.Phil/P.G

S. No.	Name of the faculty	Qualification
1	Ms.G.K. Gomathi	M.Sc., M.Phil.,PGDHM
2	Dr. S. Vishnupriya	M.Sc., M.Phil.,Ph.D.,UGC-NET
3	Ms. R. Vijayalakshmi	M.Sc., M.Phil
4	Ms. R. Kaviyayarasi	M.Sc., M.Phil
5	Ms. N. Sangeetha	M.Sc., M.Phil
6	Ms. V. Anitha	M.Sc., M.Phil., B.Ed.,
7	Ms. P. Abidevi	M.Sc., M.Phil

16. Number of faculty with ongoing projects from a. National b. International funding agencies and grants received - Applied – Under Progress

S. No.	Title of the project	Name of the Funding Agency	Proposed Amount in Rs.	Status
1	The effect of Novel Energy Drink on Sports Person in terms of Performance output. Principal Investigator: Dr. S. Vishnupriya	DST	25,00,000/-	Result Awaited

17. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received- Nil

18. Research Centre/Facility recognized by the University - Nil

19. Publications

S. No.	Name of the Faculty	Total no. of Papers Published	
		National	International
1	Ms. G. K. Gomathi	-	3
2	Ms. R. Kaviyarasi	-	1
3	Dr. S. Vishnupriya	4	1

16. Areas of consultancy and income generated: Food Production and Bakery

Departments	Date	Nature of Programme	Venue	No of beneficiaries	Amount Spent Rs.
Nutrition and Dietetics	2010 – 11	Post Menopausal Management	Karuvakurichi	100	10,000/-
	2011 – 12	Post Menopausal Management	Sundarakottai	50	8000/-
	2011 – 12	Food Preservation	Sundarakottai	150	9,000/-
	2012 – 13	Obesity - Risk Assessment	Sundarakottai	50	5,000/-
	2012 – 13	Cancer - Diet Therapy	Rishiyur	200	8,000/-
	2013 – 14	Food Preservation	Sundarakottai	200	12,000/-
	2013 – 14	Post Menopausal Management	Payinganadu	40	7,000/-

21. Faculty as members in

S. No.	Name of the Faculty	Professional Bodies - National
1	Dr. S. Vishnupriya	Nutrition Society in India (NSI) Indian Association of Bio Medical Scientist (IABMS) Indian Dietetic Association (IDA)
2	Ms. N. Sangeetha	Indian Dietetic Association (IDA)

22. Student projects

a) Percentage of students who have done in house projects including inter departmental /Programme

S. No.	Academic Year	Class	In House Programme	% of Students
1	2008-10	II M.Sc. FSMD students	Standardization of Recipe; Product development	46.6
2	2009-11		Standardization of Recipe; Product development	71.0
3	2010-12		Standardization of Recipe;	89.0

S. No.	Academic Year	Class	In House Programme	% of Students
			Product development	
4	2011-13		Standardization of Recipe; Product development	19.6
5	2012-14		Standardization of Recipe; development	100.0

b) Percentage of students placed for projects in organizations outside the institution i.e. in Research laboratories /Industry/other agencies

S. No.	Academic Year	Class	Research laboratories Name	Percentage
1	2008-10	II M.Sc. FSM&D students	Prills Lab,Pattukottai	3.6
			Bharath diagnostic centre	43.0
2	2009-11		Amphigene Research Academy,Thanjavur	47.0
			Medulla herbs Laboratory,Thanjavur.	24.0
3	2010-12		Sri Gowri Biotech research academy, Thanjavur.	58.0
			Amphigene Research Academy,Thanjavur	31.0
4	2011-13		Sri Gowri Biotech research academy, Thanjavur.	13.0
			Amphigene Research Academy, Thanjavur	6.6
5	2012-14		Amphigene Research Academy, Thanjavur	100.0

23. Awards / Recognitions received by faculty and students

Awards / Recognitions received by students

S. No.	Year-wise	Name of the Student	Name of The Awardees	Nature of the Award	Nature of Recognition
1	2009 - 10	G. Udhaya K. Sathya N. Pandeeswari	Dr. CAK Mangaiyarkarasi Balathandayuthapani, Darshini Kamaraj	Gold Medal, Silver medal, Endowment	Rank holder award, Best Out going UG & PG
2	2010 - 11	J. Alnirmathur Jasmine K. Rajalakshmi K.Kavitamizh		Gold Medal Silver medal Endowment	Rank holder award Best Out going UG & PG
3	2011 - 12	A. Vidhya S. Pradeepa G. Udhaya		Gold Medal Silver medal Endowment	Rank holder award Best Out going UG & PG
4	2012 - 13	M.K. Sujithra P. Premakumari V. Jeevitha		Gold Medal Silver medal Endowment	Rank holder award Best Out going UG & PG
5	2013 - 14	G. Dhivya A. Vidhya M. Roqayyah Farheen	Dr. CAK Mangaiyarkarasi Balathandayuthapan	Silver medal,Endowm ent, Gold Medal	Rank holder award Best Out going

S. No.	Year-wise	Name of the Student	Name of the Awardees	Nature of the Award	Nature of Recognition
			i Darshini Kamaraj Ruckmani Gas agency		UG & PG All rounder award

Awards / Recognitions received by staff

S. No.	Year-wise	Students/ Staff	Award
1	2014	Teaching Staff	Youth Red Cross (YRC), Govt. of Tamilnadu – Best Programme Officer

24. List of eminent academicians and scientists/ visitors to the department

S. No.	Academic Year	Name of the Visiting Faculty	Area of specialization	Purpose of Visit
1	2011 - 12	Dr. R. Jaganmohan	Food Processing RnD	Seminar
2	2012 - 13	Dr. A. Sangeetha	Food Processing	Seminar

25. Seminars / Conferences / Workshops organized & the source of funding

S. No.	Academic Year	Topic	Resource person	No. of beneficiaries	Funding Agency
1	2011 - 12	National seminar on Biotechnological and Nano technological approaches in food processing	Dr.R.Jaganmohan, Scientist, Ministry of Food Processing Industries, Government of India, Tamilnadu.	325	IICPT Thanjavur

26. Student profile Programme/ course wise

S. No.	Academic Year	Name of the Course		Applications Received		Sanctioned		Selected		Pass Percentage %	
		UG	PG	UG	PG	UG	PG	UG	PG	UG	PG
1	2009 - 10	B.Sc. Nutrition & Dietetics	M.Sc., Food Service Management & Dietetics	68	17	52	33	52	17	100	100
2	2010 – 11			69	27	52	33	51	27	100	100
3	2011 – 12			71	18	52	33	52	16	95	100

S. No.	Academic Year	Name of the Course		Applications Received		Sanctioned		Selected		Pass Percentage %	
		UG	PG	UG	PG	UG	PG	UG	PG	UG	PG
4	2012 – 13			86	17	52	33	52	17	91	100
5	2013 – 14			66	22	52	33	52	22	97.6	68.7

27. Diversity of students

Name of the Programme	% of students from the same state	% of students from other state	% of students from abroad
B.Sc., Nutrition And Dietetics	99.6	Nil	0.4
M.Sc., Food Service Management and Dietetics	100	Nil	Nil

[In the academic year of 2010-2011 a student admitted from abroad]

S. No.	Name of the Programme	Name of the student	School	Country of Residence
1	B.Sc., Nutrition And Dietetics	M. Roqayyah Farheen	Owr Indian High School	Dubai- Alquise

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.? Nil

29. Student progression

S. No.	Academic Year	UG - PG	PG - M. Phil.	Employed
				Off campus
1	2008-09	26	04	9
2	2009-10	31	04	13
3	2010-11	21	06	3
4	2011-12	23	08	9
5	2012-13	22	01	7

30. Details of Infrastructural facilities

a) Library - Details given below

S. No.	Heads	Total Number of Books/ Journals
1	Books	589
2	National Journals	4
3	International Journals	1
4	e-books	8

The department keeps lab manuals, binding study materials, glossaries, multiple choice questions and question bank for various subjects, CD s related to subjects, 25 charts, 60 OHP slides.

- b) Internet facilities for Staff & Students - YES**
c) Class rooms with ICT facility - 1
d) Laboratories - 1 Laboratory

S. No.	Class And Laboratories	Location	Total Area (LxB Sq.ft)
1	I B.Sc., Nutrition And Dietetics	Vivekannadan Block I Floor A2	600 Sq Ft. 30 × 20
2	II B.Sc., Nutrition And Dietetics	Vivekannadan Block I Floor A3	600 Sq Ft. 30 × 20
3	III B.Sc., Nutrition And Dietetics	Vivekannadan Block I Floor A4	600 Sq Ft. 30 × 20
4	I M.SC., Food Service Management and Dietetics	Vivekannadan Block II Floor A5[1]	375 Sq. Ft. 15 x 25
5	II M.SC., Food Service Management and Dietetics	Vivekannadan Block II Floor A5[2]	375 Sq. Ft. 15 x 25
6	Laboratory	Vivekannadan Block I Floor A5	1150 Sq. Ft. 46 × 25

31. Number of students receiving financial assistance from college, university, government or other agencies

S. No.	Academic Year	Number of the Students	Types of Scholarship			
			Government		Management	
			SC/ ST scholarship	Farmers scholarship	Financial Assistance for Alumnae Association	Free mess Fees
1	2009-12	06	05	NIL	01	NIL
2	2010-13	04	04	NIL	NIL	NIL
3	2011-14	02	02	NIL	NIL	NIL
4	2012-15	21	10	07	01	03
5	2013-16	36	02	34	NIL	NIL

32. Details on student enrichment Programmemes (special lectures / workshops / seminar) with external experts

Seminars

S.No.	Academic Year	Topic	Resource person	No. of Students Participated
1	2011 - 12	Food Preservation	Dr. R. Jaganmohan	325
2	2012 - 13	Fruit and Vegetable Processing	Dr. A. Sangeetha	184

Workshop

S. No.	Academic Year	Topic	Resource person	No. of Students Participated
1	2013 - 14	Creative Culinary carving	Mr. C. Karthick	187

33. Teaching methods adopted to improve student learning:

- Chalk and talk, OHP projectors LCD Projectors
- Group discussion
- Quiz Competition
- Collection of scientific literature from National and International journals
- Supplying e- content study materials
- Innovative assignments through mockery preparation pertaining to subjects
- Charts preparation, E-content etc.,
- Poster presentations
- Recipe preparation while Seminar
- Remedial Classes
- Bridge course
- Question bank, Objective type Questions
- Industrial Visit

Above are the Teaching methods adopted to improve student learning.

34. Participation in Institutional Social Responsibility (ISR) and Extension activities

Institutional Social Responsibility (ISR)

20% of the each students participated in NSS, YRC,RRC, Sports & Games, fine arts, Essay and Speech Competition. Our Department has organized extension activities like Nutrition awareness programme, Diet Counselling etc.

S. No.	Academic Year	Number of the Staffs/Students		ISR - Students						
		Staffs (YRC)	Students	NSS	YRC	RRC	Rotaract	Exnora	Sport & Games	Fine arts
1	2009-12	1	52	6	8	9	7	8	7	7
2	2010-13	1	51	7	6	7	9	8	7	8
3	2011-14	1	52	6	7	8	9	6	8	7
4	2012-15	1	52	7	9	7	8	6	8	7
5	2013-16	1	52	8	6	9	6	8	6	9

Extension Activities

Nutrition Quiz

This Programme helped to kindle the students “Nutritional Awareness, presence of mind, General knowledge”. Every year a nutritional quiz is being conducted for the final year UG students of STET College to assess their IQ.

S. No.	Academic Year	Date	Nature of work	No of Students		
				Preliminary	Selected	Awarded
1	2008 - 09	07.12.2009	Nutrition Quiz	183	16	4
2	2009 - 10	08.12.2010		186	16	4
3	2010 - 11	12.12.2011		180	16	4
4	2011 -12	18.12.2012		184	16	4
5	2012 - 13	23.12.2013		177	16	4

Nutrition Counseling

Counseling is being given to Students of STET women's college on various disease conditions pertaining to the problems faced by the adolescent girls.

Benefits

The various benefits of nutrition counseling includes

- To increase their energy intake
- To maintain healthier life style,
- To make better food choices,
- To have better quality sleep,
- To increase longevity, strengthen immune system, lesser chance of disorders and diseases appearing and
- To promote better ability to concentrate on studies.

S. No.	Academic Year	Date	Nature of work	No of Students benefitted
1	2008 - 09	08.12.2009	Nutrition Counseling	195
2	2009 - 10	09.12.2010		197
3	2010 - 11	13.12.2011		190
4	2011 -12	19.12.2012		195
5	2012 - 13	24.12.2013		190

Lactation awareness Programme

Lactation awareness Programme is being conducted every year to promote the importance of Breast Feeding.

S. No.	Academic Year	Date	Nature of Programme	Venue	No. of Beneficiaries
1	2009 - 10	09.08.10	Lactation awareness	Sundarakottai village	38
2	2010 - 11	08.08.11		Painganadu village	42
3	2011 -12	06.08.12		Rishiyur village	44
4	2012 - 13	07.08.13		Kudikkadu village	41

Chickengunya awareness

Because of Massive Outbreak chickengunya, an awareness Programme is conducted on 3rd of March 2009 in our college campus. Nearly 2000 students attended this Programme and benefitted

S. No.	Academic Year	Date	Nature of Programme	No of beneficiaries
1	2009 - 10	05.08.2009	Chickengunya Awareness	2000 students

Dengue Awareness

Dengue awareness was given to the students for various disciplines to prevent them from the severity of the diseases.

S. No.	Academic Year	Nature of work	No of beneficiaries
1	2010 - 11	Dengue awareness	1500 students
2	2011 - 12		2000 students

Diet counseling

Our UG and PG final year students have given to diet counseling for In and Out patients of Government Hospital, Mannargudi.

S. No.	Academic Year	Date	Venue	Number of Beneficiaries	
				Inpatients	Out patients
1	2013 - 14	06.12.2013	Government Hospital, Mannargudi	07	15
2	2013 - 14	13.12.2013		09	10
3	2013 - 14	20.12.2013		20	10
4	2013 - 14	18.01.2014		27	20
5	2013 - 14	14.02.2014		15	20

35. SWOC analysis of the department and Future plans

Strength

- Seven Assistant Professors, one with Ph.D. degree and the remaining with M.Phil. degree with expertise in Cancer Therapy, Food Service Management, Clinical nutrition & Food Preservation and Bakery
- There are two visiting Professors with Ph.D. degree
- Catering and dietetics internship programme in reputed hospitals and industries
- MoU with different hospitals for dietetic internship trainings are made available
- Consistently produced University Rank holders
- Creating Immediate employment opportunities
- Provision for consultancy services
- Availability of Well equipped laboratory

Weakness

- Industry Institution Interaction is limited , location of the college being rural
- Unwillingness of students from poor social section to attend conference/symposium /Internship
- Students hail from Rural community with poor communication skills

Opportunities

1. Multifaceted jobs oriented course

- Dietician
- Nutritionist – R & D division
- Food safety Manager
- Food Security Officer
- Health Inspector
- Rural Social worker – Counseling
- Rural health worker Govt. Job – Kirishi Vigyan Kendra, ICDS
- Food Quality Controller
- Hotel Front office/production department

2. Self employment opportunity through training as Event Manager, Bakery, Value added Food production, Food Processing & Preservation

3. Opportunity to pursue higher studies

4. Opportunity to have Internship in reputed industries /hospitals/hotels

Threats/ Challenges

- Preference of students after schooling for professional courses i.e., Engineering, Nursing.
- Monetary constraints drive them for Job after UG rather progressing to PG education.

Future plans

- Symposium/Workshop/Seminar - National & International
- Signing more MoU & MoC
- Introduction of other Post graduate degree
- M.Sc., Food and Nutrition
- M.Sc., Nutraceuticals
- M. Phil. Programme
- Setting up advanced Foods lab for analytical Food science
- Conduct of Women Entrepreneurship Development Programmes
- Certificate courses for students of other disciplines
- Coaching class for competitive exams
- More extension activities
- Strengthening Alumnae - department tie
- Seeking Financial grants from Funding agencies through project proposals
- Promoting more collaborative research work (Inter-departmental, Institutional)
- Inter Collegiate Competitions in Poster presentation, Nutritious Recipe, NutritionQuiz

DEPARTMENT OF PHYSICS EVALUATION REPORT

1. Name of the department : **PHYSICS**

2. Year of Establishment : **1995**

3. Names of Programmes/Courses offered:

S.No.	Programmes offered	Year of Establishment
1	B.Sc. Physics	2004
2	M.Sc. Physics	2007

4. Names of Interdisciplinary courses and the departments/units involved

S.No.	Department	Programme	Semester	Courses	Department Involved
1	Physics	B.Sc.,	I	Allied Mathematics-I (Calculus and Fourier Series)	Mathematics
			II	Allied Mathematics-II [Algebra, Analytical Geometry, (3D) and Trigonometry]	
				Allied Mathematics-III (ODE, PDE, Laplace Transforms and Vector Calculus)	
		B.Sc.,	III	Allied Computer Science-I (Programming in C)	Computer Science
				NME-I (Working Principles of Internet)	
			IV	Allied Computer Science-II (Principles of Information Technology)	
				NME-II (Recent Trends in Enterprise I.T.) SBE-I (Page Maker)	
		B.Sc.,	V	SBE-II (Coral Draw)	Computer Application
				SBE-III (Dream Weaver)	
			VI	MBE- II (Programming in C++)	

5. Annual/ semester/choice based credit system (Programme wise)

S. No.	Programme	Patterns followed
1	B.Sc. Physics	Semester - Choice Based Credit System
2	M.Sc. Physics	”

6. Participation of the department in the courses offered by other departments

S. No.	Programme	Semester	Courses	Participating Department
1	B.Sc., Mathematics	I	1. Allied Physics – I	Physics
	B.Sc., Mathematics	II	1. Allied Physics – II 2. Allied Physics – III	
2	B.Sc., Computer science	III	1. Applied Physics- I 2. Energy Physics	
	B.Sc., Computer science	IV	1. Applied Physics-III 2. Laser Physics 3. Applied Physics-II	
3	B.Sc., Chemistry	III	1. Allied Physics – I	
	B.Sc., Chemistry	IV	1. Allied Physics – II 2. Allied Physics – III	

7. Courses in collaboration with other universities, industries, foreign institutions, etc.:

The programme has collaborating with AQUA PURE PLUS Pvt. Ltd., Thirumangalam, Chennai, and Kiran Global Chems Limited, Chennai, for the purpose of exchange of theoretical and technical support.

8. Details of courses/programmes discontinued (if any) with reasons: NIL

9. Number of teaching posts

S. No.	Teaching post	Sanctioned	Filled
1	Assistant Professors	11	11

10. Faculty profile with name, qualification, designation, specialization

S. No.	Name	Qualification	Designation	Specialization	No. of Years of Teaching Experience	No. of P h.D. students guided for the last 4 years
1	Mrs. J. Immaculate Sagayarani	M. Sc., M. Phil., B. Ed.,	HOD	Electronics	11	-
2	Dr. T.K. JayaArun	M. Sc., M. Phil., Ph. D., PGDCA	Research Advisor	Materials Science	9	2
3	Mrs. R. Rathi	M. Sc., M. Phil.,	Assistant Professor	Materials Science	7	-
4	Mrs. S. Malini	M. Sc., M. Phil., B. Ed.,	Assistant Professor	Crystal Growth	6	-
5	Mrs. K. Bhuvanewari	M. Sc., M. Phil., B. Ed.,	Assistant Professor	Ultrasonic	4	-
6	Mrs. K. Sooryakala	M. Sc., M. Phil., B. Ed.,	Assistant Professor	Spectroscopy	3	-
7	Ms. R. Uma	M. Sc., M. Phil.,	Assistant Professor	Materials Science	3	-

S. No.	Name	Qualification	Designation	Specialization	No. of Years of Teaching Experience	No. of P h.D. students guided for the last 4 years
8	Ms. B. Revathi	M. Sc., M. Phil., B. Ed.,	Assistant Professor	Thin films	1	-
9	Mrs. R.Radha	M. Sc., M. Phil., B. Ed.,	Assistant Professor	Non Linear Dynamics	2	-
10	Ms. D. Saritha	M. Sc., M. Phil., B. Ed.,	Assistant Professor	Thin films	0	-
11	Ms. A.Priya	M. Sc., M. Phil., B. Ed.,	Assistant Professor	Non Linear Dynamics	0	-

11. List of senior visiting faculty

S. No.	Name & address of the Visiting Faculty	Area of specialization
1	Dr.B.Sakthivel, Assistant Professor of Physics, A.V.V.M.College, Poondi.	Materials Science
2	Dr.G.Nagarathnam, Assistant Professor of Physics, A.V.V.M.College, Poondi.	Crystal Growth
3	Dr.A.Thiruvalluvar, Reader of Physics, Raja Serfoji Govt. College, Thanjavur	Materials Science
4	Dr.M.Jamal Mohamed Jafar, Associate Professor of Physics, Jamal Mohamed College, Trichy.	Nano Technology
5	Dr.G.Vasuki, Associate Professor of Physics, KNG Arts College, Thanjavur.	Crystal Growth
6	Dr. K.Ravichandran, Assistant Professor, AVVM Sri Pushpam College, Poondi.	Materials Science

12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty.

S. No.	Duration	Faculty Name	Class	Subject	Lab handled
1	18.06.2010-05.11.2010	Mrs.K.Bhuvanewari	II B.Sc., CS I B.Sc., Mathematics, II B.Sc., CS	Applied Physics I, Allied Physics I, Energy Physics	Applied Lab
2	15.06.2011-10.04.2012	Mrs. R.Radha	II B.Sc. CS, II M.Sc., Physics, I B.Sc., Mathematics	Applied Physics I, Nuclear & Particle Physics Allied Physics	Allied Lab
S. No.	Duration	Faculty Name	Class	Subject	Lab handled
3	20.06.2011-20.08.2011	Mrs. C.Nachiammal	II B.Sc., CS I B.Sc., Mathematics II B. Sc., CS	Applied Physics I, Allied Physics I, Energy Physics	Applied Lab

4	03.12.2012 to 30.01.2013	Mrs.R.Radha	II B.Sc. CS I B.Sc. Mathematics	Applied Physics I Allied Physics I	Applied Lab
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13. Student -Teacher Ratio (programme wise)

S. No.	Programme	Student-Teacher Ratio
1	B. Sc., Physics	16:1
2	M. Sc., Physics	8:1

14. Number of academic support staff (technical) and administrative staff sanctioned and filled.

S. No.	Designation	Sanctioned & filled
1	Lab Assistant	2

15. Qualifications of teaching faculty with Ph. D.,/ M. Phil., / PG.

S. No.	Name	Qualification
1	Mrs. J. Immaculate Sagayarani	M. Sc., M. Phil., B. Ed.,
2	Dr. T.K. JayaArun	M. Sc., M. Phil., Ph. D., PGDCA
3	Mrs. R. Rathi	M. Sc., M. Phil.,
4	Mrs. S. Malini	M. Sc., M. Phil., B. Ed.,
5	Mrs. K. Bhuvaneshwari	M. Sc., M. Phil., B. Ed.,
6	Mrs. K. Sooryakala	M. Sc., M. Phil., B. Ed.,
7	Ms. R. Uma	M. Sc., M. Phil.,
8	Ms. B. Revathi	M. Sc., M. Phil., B. Ed.,
9	Mrs. R. Radha	M. Sc., M. Phil., B. Ed.,
10	Ms. D. Saritha	M. Sc., M. Phil., B. Ed.,
11	Ms. A. Priya	M. Sc., M. Phil., B. Ed.,

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received: NIL

17. Departmental projects funded by DST – FIST, UGC, DBT, ICSSR, etc. and total grants received: The details of Project submitted to UGC, Hyderabad.

S. No.	Title of the project submitted	Name of the funding agency	Proposed Amount (Rs.)
1	Preparation of low-cost ZnO Nano powders and nanocrystalline thin films for antibacterial applications	UGC – SERO, Hyderabad.	5,00,000 /-

18. Research Centre /facility recognized by the University: NIL

19. Publications

S. No.	Name of the Faculty	Total No. of Articles	Type of Articles		Impact factor	Conference Proceedings		Books
			National	International		National	International	
1	Mrs.J. Immaculate Sagayarani	01	-	-	-	-	01	-
2	Dr.T.K. JayaArun	06	-	02	4.162	04	-	-
3	Mrs. R. Rathi	08	-	01	-	06	01	-
4	Mrs. S. Malini	02	-	01	-	-	01	-
5	Ms. R. Uma	03	-	01	-	02	-	-
6	Ms. D. Saritha	03	-	-	-	03	-	-

20. Areas of consultancy and income generated: NIL

21. Faculty as members in a) National committees b) International Committees c) Editorial Boards: NIL

22. Student projects

a) Percentage of students who have done in-house projects including inter departmental / programme: 25%

b) Percentage of students placed for projects in organizations outside the institution i.e. in Research Laboratories / Industry/ other agencies

M.Sc. PHYSICS			
S.No.	Batch	No. of students	Percentage
1	2007 - 2009	17	75%
2	2008 - 2010	17	75%
3	2009 - 2011	12	75%
4	2010 - 2012	16	75%
5	2011 - 2013	18	75%
6	2012 - 2014	20	75%

23. Awards/Recognitions received by faculty and students

Faculty Recognition:

S. No.	Name of the staff	Recognition
1	Mrs. J. Immaculate Sagayarani	External Examiner for practical at Bharathi college of Arts & Science, Pudukkottai.
		Internal Examiner for practical at S.T.E.T. Women's College, Sundarakkottai, Mannargudi.
		External Examiner for UG central valuation of Bharathidasan University, Tiruchirappalli.
2	Mrs. R. Rathi	Internal Examiner for practical at S.T.E.T. Women's College, Sundarakkottai, Mannargudi.
		Programme Officer for National Service Scheme during the year 2011 – 2014.
		External Examiner for UG central valuation of Bharathidasan University, Tiruchirappalli.
3	Mrs. S. Malini	External Examiner for practical at M. R. Govt. Arts College, Mannargudi.
		Internal Examiner for practical at S.T.E.T. Women's College, Sundarakkottai, Mannargudi.
		Appointed as Programme Officer for National Service Scheme from 2014.
		External Examiner for UG central valuation of Bharathidasan University, Tiruchirappalli.
4	Mrs. K. Bhuvanewari	External Examiner for UG central valuation of Bharathidasan University, Tiruchirappalli.
5	Mrs. K. Sooryakala	External Examiner for UG central valuation of Bharathidasan University, Tiruchirappalli.

Student Recognition – Curricular Awards:

S. No.	Academic Year	Course/ Programme	Endowment Prize	No. of Students Received
1	2007-2013	B.Sc. Physics	Karuvakurichi Village People	6
2	2009-2013	M.Sc. Physics	TCV engineering, Chennai	4

Student Recognition – Extra Curricular Awards:

S. No.	Name	Event	Place	Price
1	M.Sarathapriya	Tamil Kavithai	CTN, Mannargudi	I
2	K.Gayathri	Carnatic Music	Indira Gandhi College, Trichy.	III
S. No.	Name	Event	Place	Price
3	M.Sarathapriya	Tamil Kavithai	Indira Gandhi College,	I

			Trichy.	
4	K.Gayathri	Carnatic Music	Indira Gandhi College, Trichy.	Consolation Prize
5	M.Sarathapriya	Tamil Kavithai	Indira Gandhi College, Trichy.	Consolation Prize
6	K.Janani	Tamil Speech	Consumer Citizen Club, Thiruvarur.	I
7	M.Sarathapriya	Tamil Kavithai	District Collector Office, Thiruvarur.	II

24. List of Eminent Academicians and Scientists / visitors to the department.

S.No.	Academic Year	Name and address of the visiting faculty/Scientist	Area of Specialization
1	2006-2007	Dr. P. Neelamegam, Associate Professor of Physics, SASTRA University, Vallam,Thanjavur	Micro controller & Micro Processor
2	2007-2008	Dr. R. Thiyagarajan, A Associate Professor & Head, Urumu Dhanalakshmi College, Kattur, Trichy-19.	Materials Science
3	2009-2010	Dr. P. Philominathan, Associate Professor of Physics & Head, AVVM Sri Pushpam College, Poondi.	Non – Linear Dynamics
4	2010-2011	Dr.A.ThayumanavanDean, Faculty of Sciences, AVVM Sri Pushpam College, Poondi.	Materials Science
6	2011-2012	Dr.G.Vasuki, Associate Professor of Physics, KNG Arts College, Thanjavur.	Crystal Growth
7	2012-2013	Dr. K.Ravichandran, Assistant Professor of Physics, AVVM Sri Pushpam College, Poondi.	Materials Science
8	2013-2014	Dr. G.Chandramohan, Assistant Professor of Chemistry, AVVM Sri Pushpam College, Poondi.	Nano Technology

25. Seminars/ Conferences/Workshops organized & the source of funding

a) National: NIL

b) International: NIL

26. Student profile programme/course wise

S. No.	Name of the Programme	Applications Received	Selected	Enrolled(F)	Pass Percentage (%)
1	B.Sc., Physics (2008 – 2011)	65	45	F	88
2	B.Sc., Physics (2009 – 2012)	84	52	F	100
S. No.	Name of the Programme	Applications Received	Selected	Enrolled(F)	Pass Percentage (%)
3	B.Sc., Physics (2010 – 2013)	95	52	F	98

4	B.Sc., Physics (2011 – 2014)	82	52	F	100
5	M.Sc., Physics (2009 – 2011)	18	17	F	100
6	M.Sc., Physics (2010 – 2012)	31	26	F	87
7	M.Sc., Physics (2011 – 2013)	31	28	F	96
8	M.Sc., Physics (2012 – 2014)	29	28	F	81

27. Diversity of Students.

All the students of our department are from various districts of Tamil Nadu only, no students from other states.

Sl. No.	Name of the Programme	% of Students form the same State	% of Students from Other States	% of Students from Abroad
1	B. Sc., Physics	100	-	-
2	M. Sc., Physics	100	-	-

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.: NIL

29. Student progression

S. No.	Academic Year	UG to PG (%)	PG to M.Phil. (%)	PG to Ph.D., (%)	Ph. D., to Post Doctoral (%)	Campus Selection	Other than Campus Selection	Entrepreneurship/ Self Employment
1	2009-2010	42.85	27.27	-	-	-	7	-
2	2010-2011	36	4.5	-	-	-	3	-
3	2011–2012	55.5	25	-	-	-	3	-
4	2012-2013	42	31.5	-	-	1		-
5	2013-2014	36.36	8.6	-	-	-	-	-

30. Details of Infrastructural facilities

a) Classroom.

S. No.	Class Name	Room No.	Total Area
1	I PHY	Vivekannadan Block - IIF 10	600 Sq. ft. (20 x 30)
2	II PHY	Vivekannadan Block - IIF 9	600 Sq. ft. (20 x 30)
3	III PHY	Vivekannadan Block - IIF 8	600 Sq. ft. (20 x 30)

4	I M.Sc, PHY	TVS Block - IIF 3	Sq. ft. (19 x 18)
5	II M.Sc, PHY	TVS Block - IIF 4	Sq. ft. (30 x 22)

b) Internet Facilities

The STET Campus have 8 Mbps Internet connectivity leased line 1:1 uncompressed and unshared on MPLS (Multi Protocol Label Switching) network dedicated on optical fiber link. The department has 2 nodes with Internet facility.

a) Library

S. No.	No. of Physics Books	Books		Journals	
		Issue	Reference	National	International
1	870	719	151	07	01

d) Laboratories.

The Department has 2 Labs with the equipments which offer the facilities of practical training for students.

S. No.	Lab Name	Room No.	Area
1	UG LAB	Vivekannadan Block – IIF 6	1150 Sq. ft. (46 x 25)
2	PG LAB	TVS Block – IF 7	946.25 Sq. ft. (44.25 x 21.75)

e) Class Room with ICT facility:

The Department has one smart class room with ICT facility.

31. Number of students receiving financial assistance from College, University, government or other agencies:

S. No.	Academic Year	Type of scholarship	Nature of Assistance	No. of Beneficiaries
1	2008-2009	SC Scholarship	Government	7
2	2009-2010	SC Scholarship	Government	7
		Private(free Ship) Scholarship	Management	1
3	2010-2011	SC Scholarship	Government	8
4	2011-2012	SC Scholarship	Government	6
		Private Scholarship	Sitharam Jindal Foundation	3
		Farmer Scholarship	Government	24
5	2012-2013	SC Scholarship	Government	9
		Private (free Ship)	Management	2

		Scholarship		
		Private Scholarship	Sitharam Jindal Foundation	3
		Farmer Scholarship	Government	16
6	2013-2014	SC Scholarship	Government	8
		Private Scholarship	Sitharam Jindal Foundation	3
		Farmer Scholarship	Government	16
7	2014-2015	SC Scholarship	Government	12
		Private (free Ship) Scholarship	Management	2
		Farmer Scholarship	Government	16

32. Details on student enrichment programmes (special lectures / workshops /seminar) with external experts.

S. No.	Academic Year	Topic	Resource person with address	No. of students Benefited
1	2009-2010	Parallel World	Dr. P. Philominathan, Associate Professor & Head, AVVM Sri Pushpam College, Poondi.	196
2	2010-2011	Introduction To Solids	Dr. A. Thayumanavan, Dean, Faculty Of Science, AVVM Sri Pushpam College, Poondi.	188
3	2011-2012	Basic Concepts On Crystal Growth & Crystallography	Dr. G. Vasuki, Associate Professor Of Physics, K.N.G. Arts College, Thanjavur.	203
S. No.	Academic Year	Topic	Resource person with address	No. of students Benefited
4	2012-2013	Solar Energy -An Amazing Resource	Dr. K. Ravichandran, Assistant Professor, AVVM Sri Pushpam College, Poondi.	205
5	2013-2014	Nano Technology And Its Applications	Dr. G. Chandramohan, Associate Professor Of Chemistry & Research Advisor, AVVM Sri Pushpam College, Poondi.	210

33. Teaching methods adopted to improve student learning.

In addition to the chalk and talk method of teaching, the following methods are also used

- Class room interaction
- Group Discussion
- Power Point Presentations

- Case Studies
- OHP
- NPTEL
- E-Content
- N-LIST
- Internet Browsing
- Question bank Preparation
- Bridge Course Classes
- Dictionary Preparation

34. Participation in Institutional Social Responsibility (ISR) and Extension activities.

S. No.	Academic year	Name of the Activity	Venue	No. of Beneficiaries
1	07.03.2011	Physics Exhibition-2011	S.T.E.T (W) College, Sundarakkottai, Mannargudi.	1500
2	08.03.2011	Physics Exhibition-2011	Higher Secondary Students (11 th & 12 th Standard), National Higher Secondary School, Mannargudi.	152
3	22.02.2013	Physics in Everyday Life	Higher Secondary Students (11 th & 12 th Standard), National Higher Secondary School, Mannargudi.	183
4	10.01.2014	Glitter Flash	Higher Secondary Students (11 th & 12 th Standard), Ullikkottai.	89

35. SWOC analysis of the department and Future plans

Strengths

- Consistently producing 100% results in university examinations and university ranks
- Publishing a news letter namely “WINGS” every semester
- Two of our faculty members are pursuing doctoral programme (Part time) in Bharathidasan University
- Faculties with specialization areas of Electronics, Material Science, Thin Film Technology and Non Linear Dynamic available for project guidance
- Proposed MoU with two companies

Weakness

- Lesser admissions in UG programme in some years
- Students from Tamil medium schools and most of them being slow learners
- Poor economic background of the students admitted

Opportunities

- Progression to PG programme possible in the campus
- Opportunity to publish articles in an International journal namely “Scientific Transaction in Environment and Technovation”
- Opportunity to increase curiosity and motivate innovations

Challenges

- Being a rural area, higher education not within the reach of many families
- Creamy layer of science students choose professional courses

Future Plans

- To hold National Level Seminar
- Conducting the ability analysis for competition for II year UG and I year PG students
- Construction of the Crystal Growth Research Lab
- Elevating the department to research level

1. Name of the Department : **CHEMISTRY**

2. Year of Establishment : **2004**

3. Name of Programme offered :

S.No.	Programmes offered	Year of Establishment
1	B.Sc., chemistry	2004
2	M.Sc., chemistry	2007

4. Names of Interdisciplinary courses and the departments/units involved

S. No.	Department	Programme	Semester	Course	Departments Involved
1.	Chemistry	B.Sc.,	I	1. Allied Mathematics-I 2. Allied Botany-I	Mathematics & Microbiology & A Division of Biotechnology
		B.Sc.,	II	1. Allied Mathematics-III 2. Allied Botany-III	
		B.Sc.,	III	Allied Physics – I Principles of Nutrition.	Physics & Nutrition & Dietetics
		B.Sc.,	IV	Allied Physics –III Nutrition for the family.	
				B.Sc.,	V

5. Annual/ semester/choice based credit system (Programme wise):

S No.	Programme	Pattern
1	B.Sc., Chemistry	Semester - Choice Based Credit System
2	M.Sc., Chemistry	

6. Participation of the department in the courses offered by other departments.

S.No.	Programme	Semester	Courses	Participating Department
1	B.Sc., Bio Chemistry	I	General Chemistry-I	Chemistry
		II	General Chemistry-III	
2	B.Sc., Nutrition and Dietetics	II	Basic Chemistry	

7. Courses in collaboration with other universities, industries, foreign institutions, etc:

The programme has collaborating with TANFED, Chennai and Kiran Global Chems Limited, Chennai, for the purpose of exchange of theoretical and technical support.

8. Details of courses/programmes discontinued (if any) with reasons: Nil**9. Number of teaching posts**

S.No.	Teaching post	Sanctioned	Filled
1	Asst. Professors	7	7

10. Faculty profile with name, qualification, designation, specialization

S.No.	Name	Qualification	Designation	Specialization	No. of Years of Teaching Experience	No. of Ph.D. students guided for the last 4 years
1	Dr.U.Gayathri	M.Sc.,M.Phil., B.Ed.,Ph.D.,	Head&Asst. Professor	Adsorption	18	-
2	Mrs. K.Kavitha	M.Sc., M.Phil., (Ph.D.,)	Asst. Professor	Adsorption	8	-
3	Mrs. S.Sujatha	M.Sc, M.Phil.,	Asst. Professor	Kinetics	6	-
4	Mrs. T.Vimala	M.Sc., M.Phil.,	Asst. Professor	Kinetics	5	-
5	Ms. D.Karthika	M.Sc. M.Phil., B.Ed.,	Asst. Professor	Electro Organic Chemistry	4	-
6	Mrs. P.Porselvi	M.Sc., M.Phil.,	Asst. Professor	Adsorption	1	-
7	Ms. J.Amudha	M.Sc. ,M.Phil., B.Ed.,	Asst. Professor	Electro Organic Chemistry	2	-

11. List of Senior Visiting Faculty.

S.No.	Name of the Visiting Faculty	Area of Specialization
1	Dr. G. Chandramohan, Associate Professor, Department of Chemistry, A.V.V.M Pushpam College, Poondi.	Chemical kinetics and Nanoscience.

12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty.

Does not available

13. Student -Teacher Ratio (programme wise)

S. No.	Programme	Student –Teacher Ratio
1	UG	27:1
2	PG	7:1

14. Number of academic support staff (technical) and administrative staff sanctioned and filled.

S. No.	Designation	Sanctioned and Filled
1	Lab Assistants	2

15. Qualifications of teaching faculty with Ph.D/ MPhil / PG.

S.No.	Name	Qualification
1	Dr.U.Gayathri	M.Sc., M.Phil., B.Ed.,Ph.D.,
2	Mrs. K.Kavitha	M.Sc., M.Phil. (Ph.D.,)
3	Mrs. S.Sujatha	M.Sc., M.Phil.,
4	Mrs. T.Vimala	M.Sc., M.Phil.,
5	Ms. D.Karthika	M.Sc., M.Phil. B.Ed.,
6	Mrs. P.Porselvi	M.Sc., M.Phil.,
7	Ms. J.Amudha	M.Sc., M.Phil.,B.Ed.,

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received: Nil**17. Departmental projects funded by DST – FIST, UGC, DBT, ICSSR, etc. and total grants received**

S.No.	Title of the project with Staff Name.	Proposed amount	Name of the funding agency	Status.
1.	Adsorptive removal of Malachite green by using Acid activated SSC.	5,00,000	DST	Under progress.

18. Research Centre /facility recognized by the University: Nil**19. Publications**

S.No.	Name of the Faculty	Total No. of Articles Published	Types of articles		Impact factor	Books
			National	International		
1	Dr.U.Gayathri	08	1	7	0.215	Nil
2	Mrs. K.Kavitha	06	2	4	0.903	Nil
3	Mrs.T. Vimala	01	Nil	1	Nil	Nil

20. Areas of consultancy and income generated: **Nil**

21. Faculty as members in a) National committees b) International Committees c) Editorial Board: **Nil**

22. Student projects

a) Percentage of students who have done in-house projects including inter departmental/programme.

S.No.	Programme	Academic Year	No. of Students		Percentage (%)	
			In house	Outside	In house	Outside
1.	M.Sc., Chemistry	2009-2010	9	14	39	61
2.		2010-2011	7	12	37	63
3.		2011-2012	Nil	27	0	100
4.		2013-2014	2	15	12	88
5.		2014-2015	10	17	37	63

23. Awards / Recognitions received by faculty and students

Student Recognitions (U.G):

S.No.	Academic Year	Name of the student	Name of the Awardee	Name of the recognition
1.	2013-2016	S.Devi	Shakespeare Institute Of English Studies, Chennai.	II Prize for creative writing composition- state level
2.	2009-2010	P.Vedhapriya	Sengamala Thayaar Educational Trust Women's College	Rajendran Vasantha Educational and Charitable Trust. 12 th Rank
3.	2010-2011	R.Sudha	Sengamala Thayaar Educational Trust Women's College	Rajendran Vasantha Educational and Charitable Trust. 17 th Rank
4.	2011-2012	B.Karthika	Sengamala Thayaar Educational Trust Women's College	Rajendran Vasantha Educational and Charitable Trust . 7 th Rank
5.	2012-2013	A.Surya	Sengamala Thayaar Educational Trust Women's College	Rajendran Vasantha Educational and Charitable Trust. 1 st Rank
6.	2013-2014	T.Nivetha	Sengamala Thayaar Educational Trust Women's College	Rajendran Vasantha Educational and Charitable Trust. 3 rd Rank

Student Recognitions (P.G)

S.No.	Academic Year	Name of the student	Name of the awardee	Name of the recognition
1.	2009-2010	S.Sowmiya	Sengamala Thayaar Educational Trust, Women's College	Mutual Educational Trust, 1 st Rank.
2.	2010-2011	P.Sugandadevi	Sengamala Thayaar Educational Trust, Women's College	Mutual Educational Trust, 2 nd Rank.
3.	2011-2012	K.Jayanthi	Sengamala Thayaar Educational Trust, Women's College	Mutual Educational Trust, 16 th Rank.
4.	2012-2013	B.Karthika	Sengamala Thayaar Educational Trust, Women's College	Mutual Educational Trust, 1 st Rank.

Staff Recognitions

S.No.	Academic Year	Name of the staff	Name of the Awardee	Name of the recognition
1.	2012-2015	Dr.U.Gayathri	Bharathidasan University, Trichy	Member in PG Board of studies.
2.	2014-2015	Dr.U.Gayathri	Selvamm Arts & Science College (Autonomous), Namakkal	Member in Question paper setting

24. List of eminent academicians and scientists / visitors to the department.

S.No.	Academic Year	Name of the visiting faculty/ scientist	Area specilization	Purpose of visit
	2009-2010	K.Pramesh, Assistant Professor, Department of Chemistry, A.V.V.M Pushpam College. Poondi	Organic Synthesis	Examiner in Project viva
	2010-2011	Dr. A. Akbar Hussain, Associate professor, Department of Chemistry, Khadir Mohideen college, Adirampattinam	Inorganic chemistry	Seminar
	2011-2012	Dr.G. Chandramohan, Associate Professor, Department of Chemistry, A.V.V.M Pushpam College, Poondi.	Nano chemistry	Seminar

25. Seminars / Conferences / Workshops organized & the source of funding

S.No.	Academic year	Title of the seminar	Funding agency
1.	2009-2010	Introduction To Nanochemistry	Sengamala Thayaar Educational Trust, Women's College.
2.	2010-2011	Nanochemistry	Sengamala Thayaar Educational Trust, Women's College.
3.	2011-2012	Stereochemistry	Sengamala Thayaar Educational Trust, Women's College.
4.	2012-2013	Chemistry Of Life	Sengamala Thayaar Educational Trust, Women's College.
5.	2013-2014	Green Chemistry	Sengamala Thayaar Educational Trust, Women's College.

26. Student profile programme/course wise

S.No.	Name of the programme	Academic year	No. of Applications Received	No. of Students Admitted	Enrolled	Pass %
1	B.Sc. Chemistry	2007-2008	87	51	Female	81
2		2008-2009	82	50		81
3		2009-2010	114	60		87
4		2010-2011	120	61		95
5		2011-2012	107	65		85

S.No.	Name of the programme	Academic year	No. of Applications Received	No. of Students Admitted	Enrolled	Pass %
1	M.Sc. Chemistry	2008-2009	37	24	Female	96
2		2009-2010	23	19		89
3		2010-2011	35	30		85
4		2011-2012	22	17		53

27. Diversity of Students

Name of the Course	% of students from the same state	% of students from the other states	% of students from abroad
B.Sc., Chemistry	100 %	-	-
M.Sc., Chemistry	100%	-	-

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.? Nil

29. Student progression.

S.No.	Academic Year	UG Enrolled	UG to PG (%)		PG to M.Phil. (%)	PG to Ph.D. (%)	Ph.D to Post Doctoral (%)	Entrepreneurship / Self-Employment
			On campus	Off campus				
1	2010-2011	61	37	63	9	-	-	-
2	2011-2012	65	18	82	32	-	-	-
3	2012-2013	65	37	63	13	-	-	-
4	2013-2014	65	21	79	-	-	-	-
5		65	17	83	7	-	-	-

30. Details of infrastructural facilities**a) Library**

S.No.	No. of chemistry Books	Books		Journals	
		Issue	Reference	National	International
1.	631	435	196	11	3

b) Internet Facilities

The STET Campus have 8 Mbps Internet connectivity leased line 1:1 uncompressed and unshared on MPLS (Multi Protocol Label Switching) network dedicated on optical fiber link. Our department has 2 computers with Internet facility.

c) Classroom with ICT Facility

S. No.	Class Name	Room No	Area(l x b)
1.	I B.Sc Chemistry	Dr. V.V Block Room No.4	600 Sq. ft. (30 x 20)
2.	II B.Sc Chemistry	Dr. V.V Block Room No.5	600 Sq. ft. (30 x 20)
3.	III B.Sc Chemistry (ICT Facility)	Dr. V.V Block Room No.6	600 Sq. ft. (30 x 20)
4.	I M.Sc Chemistry	G.N Block Room No.1	462 sq.ft. (22 x 21)
5.	II M.Sc Chemistry	G.N Block Room No.2	462 sq.ft. (22 x 21)

d) Laboratories

S.No.	Lab Name	Room No.	Area (l x b)
1	LAB I	G.N Block IF	1449 Sq ft(69 x 27)
2	LAB II	G.N Block IIF 1449	Sq ft(69 x 27)

31. Number of students receiving financial assistance from College, University, Government or other agencies.

S.No.	Academic Year	Types of Scholarship	Financial Assitance	No.of Beneficiaries
1	2010-2011	SC/ST	Government	15
		Freeship	Private	1
		Farmer Scholarship	Government	130
2	2011-2012	SC Scholarship	Government	26
		Freeship Scholarship	Private	1
3	2012-2013	Farmer	Government	136
		SC Scholarship	Government	39
		Farmer Scholarship	Government	141
4	2013-2014	SC Scholarship	Government	42
		Farmer	Government	143

32. Details on student enrichment programmes (special lectures / workshops /seminar) with external experts

S.No	Academic Year	Topics	Resource Person	No. of Beneficiaries
1.	2009-2010	Introduction To Nanochemistry	Dr. G. Chandra Mohan, Assistant Professor, Department of Chemistry, A.V.V.M. Sri Puspham College, Poondi.	92
2.	2010-2011	Nanochemistry	Dr. M. Sivakumar, Assistant professor & co-ordinator of Nano Science and Technology, Anna University of Technology, Tiruchirappalli.	93
3.	2011-2012	Stereochemistry	Dr. A. M. Uduman Mohideen, Associate Professor, Department of Chemistry, Khadir Mohideen College, Adirampattinam	104
4.	2012-2013	Chemistry of Life	Dr. S. Manjunathan, Assistant Professor of Chemistry, M.R.Govt. College, Mannargudi.	100
5.	2013-2014	Green Chemistry	Dr. V. Violet Dhayabaran, Associate Professor in Chemistry, Bishop Heber College, Tiruchirappalli	235

33. Teaching methods adopted to improve student learning.

In addition to the chalk and talk method of teaching, the following methods are also used

Class room interaction
 Bridge course
 Group Discussion
 Glossary
 Power Point Presentations
 Case Studies
 OHP
 NPTEL
 E-Content
 N-LIST
 Internet Browsing

34. Participation in Institutional Social Responsibility (ISR) and Extension activities.

There are 2 Extension Activities conducted So far.

S.No.	Academic year	Name of the Activity	Venue		No. of Beneficiaries
			On campus	Off campus	
1	2012-2013	Life Through Chemistry	National Higher Secondary School, Mannargudi	-	198 students of XII Standard.
2	2013-2014	Chemistry in Everyday Life	-	Govt. Higher Secondary School, Ullikkottai	58 students of XII Standard.

35. SWOC analysis of the department and Future plans

Strengths

Department includes 7 members of staff, one with Ph.D. degree and the remaining members with M.Phil., degree with specialization area such as Adsorption, Kinetics, Electro Organic Synthesis, Dye chemistry & Phyto chemistry

Department conducts courses upto PG level

Good laboratory facility

Proposed MoU with two companies

Weakness

Poor communication skill of students

Less number of students admitted in PG programme as the students prefer M.B.A/ M.C.A / B.Ed., programme

Poor economic background

Opportunities

Facility to pursue PG programme

Job opportunities in teaching field, industries such as Cement factory, Distilleries, Dyeing industry, Pharmaceutical industry & Petroleum Refinery industry

Challenges

Since students prefer to join engineering/medical colleges after +2 , it is a challenge to get advanced learners

To coach rural average learners to pass and obtain university ranks

Future plans of the Department

Introduction of M.Phil. Programme

Motivating the PG students to do research based Projects and to publish in Research journals

Seminar / Conference / Workshop / symposium to be conducted in National Level

To arrange competitive exam coaching classes

To organize Science exhibition

DEPT. OF MASTER OF COMPUTER APPLICATION EVALUTION REPORT

- 1. Name of the Department** : **Mater of Computer Application (MCA)**
2. Year of Establishment : **2001**
3. Name of Programme offered :

S. No.	Programme offered	Year of Establishment
1.	Master of Computer Applications	2001

4. Names of Interdisciplinary courses and the departments/units involved:

S.No.	Department	Programme	Semester	Course	Departments Involved
1.	MCA	M.C.A	I	Organizational behavior	MBA
2.			II	Discrete mathematics	Mathematics
3.			II	Accounting and financial management	Commerce
4.			III	Probability and statistics	Mathematics
5.			IV	Optimization techniques	Mathematics
6.			III	Discrete mathematics	Mathematics
7.			IV	Probability and statistics	Mathematics
8.			V	Optimization techniques	Mathematics
9.			IV	Accounting and financial management	Commerce

5. Annual/ semester/choice based credit system (programme wise):

S.No.	Programme	Pattern
1.	M.C.A	Semester and Choice Based Credit System

6. Participation of the department in the courses offered by other departments:

S. No.	Offering Departments	Programme	Semester	Courses	Participating Department
1.	Commerce	M.Com. Commerce	I	Computer applications in business	MCA
2.		M.Com. Commerce	I	E-commerce and Foxpro lab	
3.		B.Com. Commerce	III	E-commerce	
4.	Computer Science	M.Sc. Comp.Science	I	Data mining	
5.		M.Sc. Comp.Science	I	Micro processor	
6.		M.Sc. Comp.Science	II	Microprocessor and its applications	
7.		M.Sc. Comp.Science	III	Computer networks	
8.		B.Sc. Comp.Science	V	Computer graphics	
9.	Mathematics	B.Sc. Mathematics	IV	C++ practical	

S. No.	Offering Departments	Programme	Semester	Courses	Participating Department
10.		M.Sc. Mathematics	IV	C++ practical	
11.		M.Sc. Mathematics	IV	C++ programming & lab	
12.	Physics	M.Sc. Physics	III	C++ programming	
13.		B.Sc. Physics	V	Dream Weaver	

7. Courses in collaboration with other universities, industries, foreign institutions, etc.:

Our department signed an MOU with Elysium Technologies Pvt. Ltd, Target Soft System and Sabre IT Solution for research and project course collaboration.

8. Details of courses/program discontinued (if any) with reasons: Nil

9. Number of teaching posts

S.No.	Teaching post	Sanctioned	Filled
1.	Director	1	1
2.	Professors	1	1
3.	Associate Professors	2	2
4.	Asst. Professors	6	6

9. 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
1.	Dr.M.V.Srinath	M.C.A., Ph.D.	Director	E-learning	Teaching:1 3Industry:4	Completed: 8 Pursuing: 10
2.	Dr. P. Mohammed Shareef	B.E., M.B.A., M.S., Ph.D.	Professor	IT	Teaching:4 Industry:12	-
3.	Mr. A. Adhiselvam	M.Sc.,P.B.D.C.A.,M .C.A.,M.Phil., (Ph.D.), SET	Associate Professor &Head	Data Mining, Software Engineering	Teaching: 15 Industry:2	-
4.	Ms. S. Vince Raichel	M.C.A.,(Ph.D.)	Associate Professor	Software Computing	Teaching:7. 5 Industry:2	-
5.	Ms. V.Alamelu	M.C.A.,M.Phil,	Asst.	Software	Teaching:6	-

S. No.	Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. Students guided for the last 4
	Mangaiyarkarasi	(Ph.D)	Professor	Engineering	Industry:Nil	
6.	Mr. K. Vinayakan	M.C.A., (Ph.D.)	Asst. Professor	Mobile Communication	Teaching:6 Industry:2.5	-
7.	Ms. M. Mathivathani	M.C.A.,M.Phil.	Asst. Professor	Data Mining	Teaching:4.5 Industry:Nil	-
8.	Ms. S. Pallavi	M.C.A.,M.Phil.	Asst. Professor	Mobile Communications	Teaching:2.5 Industry:Nil	-
9.	Ms. M. Sangeetha	M.C.A.,M.Phil.	Asst. Professor	Computer Networks	Teaching:1 Industry:1	-
10.	Ms. T. Maheswari	M.C.A., M.Phil.	Asst. Professor	Information Security	Teaching:0 Industry:2	-

11. List of senior visiting faculty:

S. No.	Name of the Visiting faculty	Area of Specialization
1.	Dr. N. Venkatesan, Associate professor, Department of IT, Bharathiyar College of Engineering & technology, Karaikal.	Information Technology and Data mining
2.	Dr. J.Chockalingam, Associate Professor, Department of Computer Science, Khadir Mohideen College, Adirampattinam.	Neural Network

12. Percentage of lectures delivered and practical classes handled (program wise) by temporary faculty: Nil

13. Student -Teacher Ratio (programme wise):

S.No.	Programme	Student-Teacher Ratio
1.	M.C.A	11:1

14. Number of academic support staff (technical) and administrative staff-sanctioned and filled

S.No.	Department	Supporting Staff	Sanctioned	Filled
1.	MCA	Technical staff	1	1
2.		Administrative staff	1	1

15. Qualifications of teaching faculty with DSC/ D.Litt. / Ph.D. / MPhil / PG.

S. No.	Name	Qualification
1.	Dr. M.V. Srinath	M.C.A.,Ph.D.
2.	Dr. P. Mohammed shareef	B.E.,M.B.A.,M.S.,Ph.D.
3.	Mr. A. Adhiselvam	M.Sc.,P.B.D.C.A., M.C.A., M.Phil., (Ph.D), SET
4.	Ms. S.Vince Raichel	M.C.A., (Ph.D)
5.	Ms. V. Alamelu Mangaiyarkarasi	M.C.A.,M.Phil., (Ph.D.)
6.	Mr. K.Vinayakan	M.C.A., (Ph.D.)
7.	Ms. M. Mathivathani	M.C.A.,M.Phil.
8.	Ms. S. Pallavi	M.C.A.,M.Phil.
9.	Ms. M. Sangeetha	M.C.A. M.Phil.
10.	Ms. T. Maheswari	M.C.A. M.Phil.

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received :

a) National

No. of ongoing projects: 1

S.No.	Faculty Name	Project Name	Funding Agency	Sanctioned Amount and Date	Received Amount
1.	Dr. M.V. Srinath	Developing Computer based and web based learning environments for Pedagogical training of teachers of higher education.	Computer Society of India	Rs. 25,000 & 21-03-13	Rs. 2,500 (First Installment)

b) International : Nil

c)

17. Departmental projects funded by DST - FIST; UGC, DBT, ICSSR, etc. and total grants received :

S. No.	Title of project submitted	Name of the funding Agency	Proposed Amount	Remarks
1.	Modernization and Removal of Obsolescence (MODROBS) Principal investigator: Dr. M.V. Srinath	AICTE, New Delhi	Max. 20 Lakhs	Awaiting sanction

18. Research Centre /Facility recognized by the University:

Research center recognized:

Bharathidasan University has approved department of computer science as research centre for computer science discipline. Our senior faculty members are actively participating in Research programme (M.Phil and Ph.D.) offered by department of computer science

The following faculty members are recognized by the University for guiding Ph.D. and M.Phil. scholars:

S.No.	Faculty name & Designation	Recognition	From Date	Ref. No.
1.	Dr.M.V.Srinath, Director	Approved for teaching post and Ph.D. guideship for Computer Science in Bharthidasan University, Trichirappalli	7-7-2011	Ref.No/17086

19. Publications:

a)Publication by faculty

S. No.	Name of the faculty	Total number of Papers published	National	International	No. of Paper presented in Seminars		No. of Books
					National	International	
1.	Dr. M.V. Srinath	80	0	15	45	20	1
2.	Dr. P.Mohammed .Shareef	3	0	3	0		
3.	Mr. A. Adhiselvam	2	0	1	1		
4.	Ms. V. Alamelu Mangaiyarkarasi	4		1	2	1	
5.	Ms. M. Mathivathani	1			1		
6.	Ms. S. Pallavi	2	0	2	0	0	
7.	Ms. S. Mahalakshmi	2	0	2	0	0	1
8.	Ms. T.Maheswari	1	0	1	0	0	

b) Number of papers published in peer reviewed journals (national/international) by faculty and students: 24

c) Books Edited-&Books with ISBN/ISSN numbers with details of publishers:

S.No.	Name of the faculty	Edited books /chapters in books	Publisher details
1.	Dr.M.V.Srinath	VC++ Programming , the complete reference for Visual C++	JayaSakthi pathipagam , Kulalampur, Malasia ISBN- 978-967-5075-48-3
2.	Ms. S.Mahalakshmi	MS-word & M.S. Powerpoint 2007`	Ashoka printers, Trichy, I Edition, Aug 2012

d) Impact factor: 24.3965

20. Areas of consultancy and income generated:

S.No.	Areas of consultancy	Company Name	Income generated (Rs.)
1.	E-content development	Right Resource Solutions, Chennai	20,000
2.	E-content development	eFuture Soft, Chennai	20,000
3.	Research and Development	Elysium Technologies Private Limited, Chennai	30,000
4.	Software Development	Sabre IT solutions, Chennai	25,000

21. Faculty as members in

i) Dr. M.V. Srinath

- Board of study member for the On Line Course on “Multimedia Development” under “VIRTUAL NITTTR” offered by NITTTR Chennai, (Ministry of HRD), Government of India.
- Governing council Member of VSA School of Engineering and Management, Salem.
- Governing board Member of Geethanjali Institute of PG Studies, Nellore.
- Life Member of Indian Society for Technical Education.
- Life Member of Computer Society of India.
- Member of Software Process Improvement Network Chennai.
- Member of Indian Academy of Applied Psychology
- Member of Society for Educational Technology Research and Development
- Member of World Council for Curriculum and Instruction
- Member of Indian Society for Training and Development
- Associate Editorial Editor of Software Engineering, BioInfo Publications Journals
- Editorial board member of Journal of Software Engineering and Applications
- Editorial board member of International Journal Of Graphics And Multimedia (IJGM)
- Editorial board member of International Journal Of Information Technology And Management Information System (IJITMIS)

ii) Mr. A. Adhiselvam

- Life member of ISTE, New Delhi (Member Id:LM63867)
- Member of Computer Science Teacher Association (Member Id: 8563395)
- Member of IACSIT, Singapore (Member Id: 80343333)

iii) Mr. K. Vinayakan

- Life member of CSI (Member Id: N1118785)
- Member of sun java network developer
- Member of ICTACT

22 .Student projects

a) Percentage of students who have done in-house projects including inter departmental/programme

S.No.	Programme	Academic year	No. of students	Percentage of students
1.	MCA	2005-06	3	10
2.		2009-10	7	18

b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/ other agencies:

S.No.	Programme	Academic year	No. of Students	Percentage of students
1.	MCA	2009-10	40	100
2.		2010-11	38	100
3.		2011-12	40	100
4.		2012-13	40	100
5.		2013-14	39	100

23. Awards / Recognitions received by faculty and students

- Awards received by faculty

S.No.	Academic year	Name of the faculty	Name of Awardees	Nature of recognition
1.	2011-12	Mr. A. Adhiselvam	IBM	Certified solution designer-Rational functional tester for java
2.	2011-12	Mr. A.Adhiselvam	Government of Tamilnadu	State Eligibility Test (SET) for lecturership
3.	2013-14	Mr. K. Vinayakan	ICTACT	ICTACT Best Coordinator

- Awards received by students (Last five years)

S.No.	Academic year	Name of the student	Name of the award	Nature of recognition
1.	2006-09	S.Samundeeswari	Kannammal Murugaiyan endowment prize	Cash award
2.	2007-10	S.Devi	Kannammal murugaiyan Endowment prize	Cash award
3.	2008-11	M.Elakkiya	Kannammal murugaiyan Endowment prize	Cash award
4.	2009-12	P.Prameela	Kannammal murugaiyan Endowment prize	Cash award
5.	2010-13	S.Vaishnavi	Kannammal murugaiyan Endowment prize	Cash award
6.	2013-14	A. Preetha	Tiruppavai recital competition	Cash award

24. List of eminent academicians and scientists / visitors to the department

S. No.	Academic year	Name of the visitor	Area of specialization	Purpose of visit
1.	2009-10	Mr. D.Chandru, CEO, Dawn Solutions, Chennai	IT	Seminar
2.	2010-11	S. Ramasamy, Vice Chairman, Computer Society of India, Chennai	Computer education	CSI Student chapter inauguration
3.	2011-12	Prof. S.Sivapunniam, Principal, Bharath College Of Arts and Science, Thanjavur	Economics	Faculty Development Programme
4.	2011-12	Dr. J.G. Sheshasaayee, President, ICT Academy Of Tamilnadu, Chennai	IT	Seminar
5.	2012-13	Dr. E.Ramganesha, Director, Council For College And Curricular Development, Associate Professor, Dept. of Educational Technology, BDU, Trichirappalli	Curriculum development	FDP
6.	2012-13	Mr.S.Prithiviraj, CEO, Target Soft Systems, Chennai	Enterprise mobility	Seminar

25. Seminars/ Conferences/Workshops organized & the source of funding a) National b) International

a) National level seminar/Conference

S.No.	Academic year	Title of Seminar/ Conference	No. of Beneficiary	Funded by
1	2011-12	Emerging Trends in Computer Science (NCETCS-12)	180	Sabre IT solutions, Chennai
2	2013-14	Mobile application development (Android)	114	CSI, Chennai

d) International Nil

26. Student profile programme/course wise:

S.No	Programme	Batch	Application Received	Selected	Enrolled Female	Pass percentage
1.	M.C.A	2007-10	66	40	40	100
2.		2008-11	53	38	38	100
3.		2009-12	48	40	40	100
4.		2010-13	66	40	40	100
5.		2011-14	47	39	39	100

27. Diversity of Students:

S.No.	Programme	% of Students from Tamilnadu	% of Students from other states	% of Students from abroad
1.	M.C.A	100	0	0

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.?:

Two MCA Students have been sent for IAS coaching with the help of management. Management provides fee for coaching, food, accommodation and other facilities.

29. Student progression (Against % enrolled)

S.No.	BATCH	PG To M.Phil.	PG To Ph.D	EMPLOYED		Entrepreneurship/ self-employment
				CAMPUS	OTHERS	
1.	2007-10	20%	0	0	42.50 %	0
2.	2008-11	3%	0	0	71%	0
3.	2009-12	3%	0	0	25%	0
4.	2010-13	5%	0	13%	13%	0
5.	2011-14	0	0	0	2%	0

30. Details of Infrastructural facilities

a) Library:

No. of books in MCA library : 7952

No. of national journal : 12

No. of international journal : 12

Magazine : 15

E-journals : 2

Project Notes : 545

Apart from those books, Lab manuals, MCQ, 2 marks Q& A, Question bank, and Glossary are maintained in the department.

b) Internet facility for staff and student:

BSNL provides Leased Line internet service to our campus with bandwidth of 8 Mbps. Wi-Fi facility is provided with ubiquiti wireless networking device with two access points in our college campus.

c) Class rooms with ICT facilities:

No. of class room: 3

S.No.	Programme	Class Name	Location/Floor/ Room No	Size(lxb in ft)	Area (sq. ft)
1.	MCA	I MCA	Dr. V.V Block/ Ground floor/ 1	30x20	600
2.		II MCA	Dr. V.V Block / Ground floor/ 2	30x20	600
3.		III MCA	Dr. V.V Block / Ground floor/ 3	30x20	600

Class room with ICT facility: 1

d) Laboratories:

Number of laboratories : 2

Total number of computers : 120

Configurations of computers :

S. No.	Desktop Description	Number of Systems
1.	Model name : Assembled, Processor: Intel Dual core 2.8 GHZ, Board: Intel mother board, RAM:512 MB DDRII, HDD:80GB Seagate, Keyboard: PS2 Logitech, Mouse: Optical Mouse, Monitor: SAMSUNG 17" CRT Monitor	60
2.	Model name: Assembled, Processor: Intel core i7 3.0GHZ, Board: Intel mother board, RAM:4 GB DDRIII, HDD:500GB Seagate, Keyboard: PS2 Genius, Mouse: USB Optical Mouse, Monitor: ACER 15" LED Monitor	40
3.	Model name : Acer, Processor: Intel Pentium IV 3.0GHZ, Board: GIGA BYTE mother board, RAM:256 MB DDRII, HDD:80GB Seagate, Keyboard: PS2 Genius, Mouse: Optical Mouse, Monitor: ACER 15" LCD Monitor	15
4.	Model name : Assembled, Processor: Intel Dual core 2.8 GHZ, Board: Intel mother board, RAM:1GB DDRII, HDD:80GB Seagate, Keyboard: PS2 Logitech, Mouse: Optical Mouse, Monitor: ACER 15" LCD Monitor	5

31. Number of students receiving financial assistance from college, university, Government or other agencies

S. No.	Programme	Academic year	Type of scholarship		
			College Tution fee and Bus fee concession by Management	State Government BC/MBC Scholarship	State Government SC/ST Scholarship
1.	MCA	2009-10	-	35	1
2.		2010-11	-	34	1
3.		2011-12	-	37	-
4.		2012-13	1	33	1
5.		2013-14	-	25	1

28. Details on student enrichment programmes (special lectures / workshops / seminar) with external experts

S. No.	Academic year	Topics	Resource Person	No. of students benefited
1.	2008-09	WAMP	Mr.A.B.Karthik Anadha babu, M.Sc., M.Phil.,	80
2.	2009-10	e-LEARNING	Dr.M.V.Srinath, Professor, Mahindra engineering college, Chennai	80
3.	2009-10	Multimedia	Mr.Jayabalan Graphics specialist in Bolywood and kollywood, Chennai	80
4.	2009-10	Professional Development in IT	Mr. D. Chandru Chief Executive Officer, Dawn solutions, Chennai	120
5.	2010-11	Challenges and Opportunities in IT Industry	Mr. S. Ramasamy Regional Vice-president, computer society of India, Chennai	120
6.	2011- 12	National conference	Dr. J.G.SHESHASAYEE	80

S. No.	Academic year	Topics	Resource Person	No. of students benefited
		NCETCS-12	President, ICT Academy of Tamilnadu. Dr. PaulRodrigues Dean, vellammal engineering college, Chennai. Dr. K. Dhinakaran Professor, department of computer science and engineering, RMD engineering college, Chennai Mr.S.Manikandan Director, Mobility solutions, Target soft systems, Chennai,	
7.	2012-13	Cloud Computing	Mr. P. Manikantan, project manager, IBM, Chennai.	115
8.	2012-13	Advanced concepts on dot net.	A.Rama Sankar, Project lead system analyst, D&B, Transaction analytics and decision service, Chennai.	80
9.	2012-13	Advanced concepts on data mining	Dr. A.Kangaiyammal, Asst.Prof, Govt.Arts college, Salem.	80
10.	2013-14	Mobile Application Development	1.Mr.S.Prithiviraj, CEO, Target soft systems, Chennai 2.Mr.Manikandan, Technical Director, Target soft system, Chennai 3.Ms. Anitha Sakthivel, HR&Career Advisor, Target soft systems, chennai 4.Mr. Mathivanan, Technical Director, Target soft systems, Chennai	115
11.	2013 -14	Computer hardware and networking	1.C.Venkatesan MCA.,M.Phil.,MCTS Outsourcing manager, Access point IT services India [p] Ltd. 2. Gowrisankar.G, D.C.E., B.C.A., M.C.A, Technical trainer, Access point IT services India [p] Ltd.	48

33. Teaching methods adopted to improve student learning

1. Cycle tests
2. Model examination
3. Enrich the students' knowledge
4. Remedial classes
5. On-line assignments
6. Workshops, seminars and guest lectures
7. Industrial visit
8. Objective type questions and two mark question banks
9. E-Learning and NPTEL resources

10. E-contents
11. Smart class room
12. Bridge courses

34. Participation in Institutional Social Responsibility (ISR) and Extension activities

S.No.	Academic year	Name of the activity	Venue	No of beneficiary
1.	2011-12	Computer hardware and training Programme	National higher secondary school, Mannargudi.	210
2.	2012-13	Basic computer training for ITI Students	Govt. ITI, Thirukuvalai	115
3.	2012-13	Basic computer training for Staff Members of CBSE Board Schools	ARC Public School, Mayiladudurai.	50
4.	2013-14	Basic computer training for ITI Students	Govt. ITI, Thirukuvalai	115
6.	2013-14	Quantitative aptitude and reasoning aptitude training for TANCET-MCA Examination	S.T.E.T. Women's College, Mannargudi	72
7.	2013- 14	Computer training program for B.Ed Students	S.T.E.T College of education, Mannargudi	100

35. SWOC analysis of the department and Future plans

Strength

1. Provision of facilities like laptop, internet, high-end labs for students
2. Tie up with professional bodies like Computer Society of India and ICT Academy of Tamilnadu
3. Department offers AICTE approved professional MCA programme
4. High percentage of academically able and high performing students
5. Effective teaching by faculties with experience in industries and academic institutions
6. Faculty members are guiding M.Phil. and Ph.D. scholars in thrust areas data mining, software engineering and e-learning
7. A department with good faculty retention ratio
8. Students are offered value-added courses like IBM-AIX

Weakness

1. Difficult in persuading multi-national companies to conduct campus interview
2. Though parent university permits research programmes (M.Phil. and Ph.D.) in Computer Science, it does not permit the same in Computer Applications

Opportunities

1. Resources and facilities offered to students to attend UPSC, TNPSC, IBPS and other competitive examinations
2. Industrial visits are arranged to enrich the students' skills and to become aware of the expectations of industries
3. An opportunity for students to do their research programmes in this institution
4. Department can provide platform to develop application

Challenges

1. To get 100 % result in the university examination with slow learners
2. Placement for students in the multi-national companies
3. Recession in information technology field
4. Inability to bring changes in curriculum in accordance with technological advances and the industry needs as the college is affiliated to university

Vision

- To create a centre of excellence in software engineering to empower women for competition in the global scenario through technical education.

Mission

- To teach technical education through latest technologies to produce quality software engineers with multiple skill sets and make an impact on the socio-economic development of the country.
- To provide quality and value-based professional education to produce technocrat.

Five years Plan

Academic Year: 2014-15

S. No.	Event proposed	Proposed Month and year
1	One-day technical Seminar on Cloud Computing	September, 2014
2	Guest lecture on Automata Theory	September, 2014
3	Organizing Industrial visit for Final year MCA students	October, 2014
4	Two-day workshop on Statistical Package on Social Science	December, 2014
5	National level workshop on data mining tools	February, 2015
6	Technical Symposium	March, 2015

Academic Year: 2015-16

S. No.	Event proposed	Proposed Month and year
1	Guest Lecture on Aptitude training	July, 2015
2	National level Seminar on data mining	August, 2015
3	Organizing Industrial visit for Final year MCA students	September, 2015
4	Guest lecture on NS2 tool	January, 2016
5	International conference on data mining and data warehouse	February, 2016
6	Extension activities: Desktop Publishing training for self-help group	March, 2016

Academic Year: 2016-17

S. No.	Event proposed	Proposed Month and year
1	National level Seminar on Network security	July, 2016
2	Guest lecture on Automata Theory	August, 2016
3	Organizing Industrial visit for Final year MCA students	October, 2016
4	Technical workshop on CASE tool	January, 2017
5	National level workshop on Software testing	March, 2017
6	National conference on Network security	April, 2017

Academic Year: 2017-18

S. No.	Event proposed	Proposed Month and year
1	National level Seminar on Big Data Analysis	August, 2017
2	Guest lecture on How to face Interview	August, 2017
3	Organizing Industrial visit for Final year MCA students	October, 2017
4	Guest lecture on Computer network	February, 2018
5	National level workshop on Networking simulators	March, 2018

Academic Year: 2018-19

S. No.	Event proposed	Proposed Month and year
1	Guest lecture on Recent trends in IT	July 2018
2	National level Seminar on data mining	August, 2018
3	Organizing Industrial visit for Final year MCA students	October, 2018
4	Guest lecture on software testing	February, 2019
5	National level workshop on Software engineering tools	March, 2019
6	International conference on software engineering	April, 2019

1. Name of the Department : **MASTER OF BUSINESS ADMINISTRATION**
2. Year of Establishment : **2001**
3. Name of Programme offered

S.No.	Programme offered	Year of Establishment
1	Master of Business Administration	2001

4. Names of Interdisciplinary courses and the departments/ units involved:

S.No.	Dept.	Class	Semester	Courses / Subjects	Departments involved
1	MBA	I MBA	I	Managerial Economics	Economics
2		I MBA	I	Management Accounting	Commerce
3		I MBA	II	Financial Management	Business Administration
4		II MBA	III	Management Information system	Computer Applications
5		II MBA	III	Strategic Management	Business Administration
6		II MBA	IV	Management Control System	Computer Applications
7		II MBA	IV	International Business Environment	Business Administration

5. Annual/ Semester/ Choice based credit system (programme wise):

S.No.	Programme	Pattern
1	Master of Business Administration	Semester - Choice Based Credit System

6. Participation of the department in the courses offered by other departments: BBA

S.No.	Offering dept.	Programme	Semester	Courses	Participating Department
1	BBA	II BBA	III	Managerial communications	MBA
2		II BBA	III	Advertisement Management	MBA
3		II BBA	IV	Production Management	MBA
4		II BBA	IV	Introduction to Office Management	MBA
5		III BBA	V	Stock Exchange Practices	MBA
6		III BBA	VI	Human Resource Management	MBA

7. Courses in collaboration with other universities, industries, foreign institutions, etc:

S.No.	Name of the agency	Type of Consultancy
1	VINSOL HRD PVT LTD, Chennai	Research Project and Training
2	Phytoproducts, Thiruthuraiipoondi	Research Project, Marketing and Training

8. Details of courses / programmes discontinued (if any) with reasons: Nil**9. Number of teaching posts:**

S.No.	Teaching Post	Sanctioned	Filled
1	Director	1	1
2	Assistant professors	6	6

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt./Ph.D./M.Phil. etc.,)

S.No.	Name	Qualification	Designation	Specialization	Experience (yrs)
1	Dr.S.K.Saravanan	BE, MS, Ph.D	Director,Head	HR	20
2	Ms.R.Bhuvaneshwari	MBA, M.Phil, MHRM, UGC-NET, MDCA, (Ph.D)	Asst.Professor	HR	7
3	Ms.G.Vijayalakshmi	MBA, (Ph.D)	Asst.Professor	Marketing	10
4	Ms.S.Indirani	MBA, M.Phil, DCA, Tally, (Ph.D)	Asst.Professor	Marketing with finance	9
5	Ms.G.Venkateswari	MBA, M.Phil	Asst.Professor	HR	8
6	Ms.B.Saranya	MBA, M.Phil	Asst.Professor	Finance	1
7	Ms.D.Mamtha	MBA, M.Phil	Asst.Professor	Finance	1

11. List of senior visiting faculty:

S. No.	Name, Designation & Organisation	Area of Specialisation
1	Dr.L.Vijay, MBA, M.Phil, Ph.D, MCA, M.Com, PGDHRM, Prof &Head, Dept of Management Studies,, SA Engineering College, Chennai	Marketing and systems
2	Dr.Weemyss Eugene Edwine kingsley, MBA, M.Phil, Ph.D, Head, Dept of Management Studies, St.Josephs College of Engineering, Chennai	Human Resource Management

12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty: Nil**13. Student- Teacher Ratio (Programme wise):**

S.No.	Programme	Student Teacher Ratio
1	MBA	11:1

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled: Nil

15. Qualifications of teaching faculty with D.Sc./D.Litt./Ph.D./M.Phil/PG.

S.No	Name	Qualification
1	Dr.S.K.Saravanan	BE,MS, Ph.D
2	Ms.R.Bhuvaneswari	MBA, M.Phil, MHRM, UGC-NET, MDCA, (Ph.D)
3	Ms. G.Vijayalakshmi	MBA, (Ph.D)
4	Ms.S.Indirani	MBA, M.Phil, DCA,TALLY, (Ph.D)
5	Ms.G.Venkateswari	MBA, M.Phil
6	Ms.B. Saranya	MBA, M.Phil
7	Ms.D. Mamtha	MBA, M.Phil

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received: Nil

17. Departmental projects funded by DST-FIST, UGC, DBT, ICSR, etc. and total grants received: Nil

18. Research Centre/ facility recognized by the University: Nil

19. Publications:

S.No.	Name of the faculty	Total No. of Papers published	National	International	No. of papers presented in Seminar		Journal Impact factor	Book Publications
					National	International		
1	Ms.R.Bhuvaneswari	13	7	6	11	8	0.734	1 ISBN:978-93-80449-12-8
2	Ms.G.Vijayalakshmi	6	4	2	9	2	0.734	--
3	Ms.S.Indirani	6	4	2	9	2	0.734	--
4	Ms.G.Venkateswari	4	2	2	7	2	--	--

20. Areas of consultancy and income generated: Nil

21. Faculty as members in

a) National committees b) International committees c) Editorial Boards

1. Ms.R.Bhuvaneswari (Faculty) - Indian Society for Technical Education, New Delhi
2. MBA Department - Madras Management Association, Chennai

22. Student projects

a) Percentage of students who have done in-house projects including inter department/ programme: Nil

b) Percentage of students placed for projects in organizations outside the institution i.e. in Research laboratories/ Industry/Other agencies

S.No.	Academic Year	No. of students	Percentage
1	2013-2014	38	100
2	2012-2013	40	
3	2011-2012	39	
4	2010-2011	39	
5	2009-2010	40	

23. Awards / Recognitions received by faculty and students

Faculty:

S.No.	Name of the faculty	Recognition Received
1	Ms.R.Bhuvaneshwari	External Examiner for central valuation and project viva voce in Bharathidasan University –Trichy, co-convener in national seminar, coordinator of Entrepreneurship Development cell, Quiz club member.
2	Ms.G.Vijayalakshmi	External Examiner for central valuation and project viva voce in Bharathidasan University –Trichy, co-convener in national seminar, Exnora coordinator, Quiz club member.
3	Ms.S.Indirani	External Examiner for central valuation and project viva voce in Bharathidasan University –Trichy, member in national seminar, Exnora coordinator, Quiz club coordinator, additional chief superintendent for university examination.
4	Ms.G.Venkateswari	External Examiner for central valuation and project viva voce in Bharathidasan University –Trichy, member in national seminar.

Achievements:

Students Secured University ranks from the year of establishment to till date. Thrice our students have secured university First rank.

S.No.	Academic Year	Name of the Student	Name of the Awardee	Nature of the recognition
1.	2012-2013	Ms.P.Hemalatha	Vai Ayyasamy Devar	University 1 st Rank
2.	2011-2012	Ms.M.Priyadarshini	Vai Ayyasamy Devar	University 4 th Rank
3.	2010-2011	Ms.R.Suganya	Vai Ayyasamy Devar	University 19 th Rank
4.	2009-2010	Ms.B.Maruvarasi	Vai Ayyasamy Devar & Rukmani Gas Agency	University 1 st Rank and Best Outgoing Student
5.	2008-2009	Ms.S.Bakkiyalakshmi	Vai Ayyasamy Devar	University 3 rd Rank

24. List of eminent academicians and scientists/ visitors to the department:

S.No.	Academic Year	Name of the Faculty	Purpose of Visit
1.	2013 – 2014	Prof. G. Ravindran, Former Head, Dept of English, St. Joseph's College, Trichy.	Workshop
2.	2012 – 2013	Prof. R.M. Chidambaram, Dean (Rtd), Faculty of Management, Alagappa University,	Seminar
3.	2011 – 2012	Prof Sridar Natarajan, Dean, Chennai Business School, Chennai.	National Seminar
4.		Dr. M. Selvam, Dean, Faculty of Management, Alagappa	National

S.No.	Academic Year	Name of the Faculty	Purpose of Visit
		University, Karaikkudi.	Seminar
5.	2009 - 2010	Mr. Chandru Durairaj, CEO, Dawn Solutions, Chennai	Seminar
6.		JCI Mr. Kulothungan, Director, Ideal – A HR training institute,	Workshop
7.	2008- 2009	Mr. W. Amarnath, M.Tech, Textile Engineer, Anna University,	Seminar

25. Seminars/ conferences/ workshops organized & the source of funding

National Level: National seminar on Key concepts in Management Research on 19th Jan 2012 funded by the college

S.No.	Academic Year	Title of the Seminar	Resource Person	No .of Beneficiaries	Source of fund
1.	2011-2012	National Seminar on “ Key Concepts in Management Research”	1. Prof. Sridar Natarajan, Dean, Chennai Business School. 2. Dr. M. Selvam, Dean, Faculty of Management, Alagappa University, Karaikkudi.	250	STET

26. Student profile programme / course wise:

S.No.	Academic Year	Applications received	Selected	Enrolled	Demand ratio	Pass percentage
1.	2013-2014	75	40	Female	1 : 2	97.5%
2.	2012-2013	76	40	Female	1 : 2	100%
3.	2011-2012	98	40	Female	1 : 2	100%
4.	2010-2011	125	40	Female	1 : 3	100%
5.	2009-2010	65	40	Female	1 : 2	100%

27. Diversity of students

S.No.	Name of the Programme	% of students from the same state	% of students from other states	% of students from abroad
1.	MBA	100%	-	-

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, CIVIL services, Defense services, etc.?

Complete sponsorship for civil services examinations is provided by management to Ms. V. Rajeswari, student of MBA (2012 – 2014 batch) in officers IAS academy, Chennai.

29. Student progression

S.No.	Academic Year	PG to M.Phil. (%)	PG to Ph.D. (%)	Campus Selection (%)	Other than Campus Selection (%)	Entrepreneurship / Self-Employment
1.	2013-2014	7.8	-	5	5	-
2.	2012-2013	-	-	15	7.5	-
3.	2011-2012	5	-	57.5	5	-
4.	2010-2011	5	-	35	10.2	-
5.	2009-2010	7.5	-	15	17.9	-

30. Details of infrastructural facilities

a. Class room facility

S.No.	Room type	Room No	Area(LxB) Ft.	Total Area Sq.ft.
1.	Class room	Dr. V.V Block -I Floor-1	30'' x 20''	600
2.	Class room with smart interactive board	Dr. V.V Block I Floor -2	30'' x 20''	600
3.	Syndicate room - HR	Dr. V.V Block I Floor -7	30'' x 20''	600
4.	Syndicate room - Finance	Dr. V.V Block I Floor -8	30'' x 20''	600
5.	Syndicate room - Marketing	Dr. V.V Block I Floor -9	30'' x 20''	600

b. Laboratories: Computer lab details

Internet bandwidth in Mbps	Internet Contention ratio	PC to students	Library	Department	Language Lab
8	1:1	40	3	2	60

c. **Library** – The department library maintains more than 70 books, Glossaries, question banks, objective questions, etc.

S.No	e-Journal subscription	Ref. books	Issue books	Titles	e-books	International Journals	National journals	Magazine
1.	8	1031	5988	4266	215	16	34	18

d. Internet Facilities for staff and students:

Internet facility with 8mbps bandwidth connection is provided for both staff and students.

e. Class Room with ICT facility.

The Department has one smart class room with ICT facility

31. Number of students receiving financial assistance from college, university, government or other agencies:

S.No	Academic Year	Scholarship (Financial Assistance)	
		College	Government
1.	2013-2014		32
2.	2012-2013		34
3.	2011-2012	1 (40% of tuition fees)	35
4.	2010-2011		34
5.	2009-2010		30

32. Details on student enrichment programmes (special lectures / workshops / seminar) with external experts.

a.Seminars

S.No	Academic Year	Topic	Resource Person	No. of Beneficiaries
1.	2012-2013	Stocks and Securities	Prof. R.M. Chidambaram, Dean (Rtd) Faculty of Management, Alagappa University.	120
2.	2011-2012	National Seminar on “ Key Concepts in Management Research”	Keynote Address – Prof. Sridar Natarajan, Dean, Chennai Business School. Invited lecture on “Scale Construction and Measurement Techniques”, Dr. M. Selvam, Dean, Faculty of Management, Alagappa University, Karaikkudi.	250
3.	2009-2010	Emotional Mastery & Career Management	Mr. Chandru Durairaj, CEO, Dawn Solutions, Chennai	78
4.	2008-2009	Seminar – Creativity & Innovation	Mr. W. Amarnath M.Tech, Textile Engineer from Anna University.	76

b. Workshops

S. No	Date	Topic	Resource Person
1.	2013-2014	“Soft Skills Training Program”	Prof. G. Ravindran, Former Head, Dept of English, ST. Joseph’s College, Trichy
2.	2012-2013	Silk Mark Awareness Program	Mr. M. Murali, Asst. Manager, Silk Mark Association.
3.	2009-2010	Workshop – Leadership in Change Management	JCI Mr. Kulothungan, Director, Ideal – A HR training institute.

Competition

- Intradepartmental Product Launch competition, 6th Jan 2011.
- Intradepartmental Group Discussion Competition, 20th Jan 2011.
- Intradepartmental Management Meet – Best Manager, Business Plan, Product Launch, 30th Jan 2013.

33. Teaching methods adopted to improve student learning

- Topics presented in the text are covered through lectures, problems, cases, current events and active discussions, with an emphasis on application.
- **Counseling and Study** - Students are expected to read the textbook and other assigned readings before coming to class. Reading assigned before attending class facilitates classroom discussion and improves understanding of the material.
- **Oral Presentation/Written Assignment** - Providing an opportunity for students to enhance both their written and oral communication skills.
- **Meetings with Instructor** - Should there be any need for any sort of help, information or clarification, the student can meet the instructor.
- **Homework Assignments** – Students are given home assignments in every paper.
- **Glossaries** – Management terminologies in major subjects are provided to students for their reference.
- **Question Bank** – List of frequently asked questions are provided to students in all the subjects of study.
- **Objective type questions** – Students are trained in objective type questions in all the courses in order to help them gain a thorough knowledge.
- **Management activities** – Various activities like business plan, role play, GD, ad zap etc. are conducted every day for students in order to improve their managerial skills.
- **Bridge course** – Bridge course is conducted in the beginning of I year to bridge the gap between the knowledge gained in school level and the required entry level knowledge for MBA programme.
- **Remedial classes** – Remedial / coaching classes are conducted for students with arrears.
- **E-content** - A variety of “tools” such as NPTEL are used as a resource for teaching and learning.
- **Internet browsing** – Students are directed and guided to collect materials from various open access sources through internet.

Teaching aids:

- LCD projector
- ICT: Power point
- Materials: Drawing, Pictures, Case study sheets, Chalk and talk, etc.

34. Participation in institutional social responsibility (ISR) and extension activities.

All the students participate in EXNORA activities.

The students of management studies department visited various self-help groups in Thiruthuraiipoondi and gave career guidance for them in order to clear their ignorance regarding higher studies of their children.

S.No.	Academic Year	Name of the activity	Venue	No. of Beneficiaries
1.	2012-2013	Career guidance	Velur, Thiruthuraiipoondi	15
2.	2013-2014	Career guidance	Velur, Thiruthuraiipoondi	15

35. SWOC analysis of the department and future plans.

Strengths

- Salubrious environment for students to acquire knowledge and practical skills to reach their career goals
- Demand ratio is 1:2, which is due to reasonable, affordable cost and quality of education
- 100% result and university ranks every year
- Experienced and qualified faculties with specialization in Marketing, Finance and Human Resource in the department

Weaknesses:

- Less industry – institute interaction
- Successful alumni hardly spare time to motivate the current learners
- Communication skill is below average and hence hardship of faculties to upgrade them

Opportunities:

- Job opportunities in Public/Private sectors
- Graduates with any UG Discipline can pursue this program
- Attractive pay package and perks with top slots in career ladder can be had with this program

Challenges:

- Engineering colleges pose stiff competition by offering MBA program
- Poor communication skill of rural students is a major barrier in learning and placement

Future plans of the Department

- To go for a research program (M.Phil) in Management Studies
- To start a concurrent certificate / diploma program in the academic year 2016 – 2017 (PGDMM, PGDFM, PGDHRM and certificate programme in Micro and Small Enterprise Development are under consideration)
- To conduct an international seminar on “Emerging Trends in the field of Business Administration”
- To add 1000 more titles and volumes related to Management studies to the library

DEPARTMENT OF TAMIL EVALUTION REPORT

1. Name of the Department : **TAMIL**
2. Year of Establishment : **1994**
3. Names of Programmes offered : **PART -I Only**
4. Names of Interdisciplinary courses and the departments/units involved –Nil-
5. Annual/ semester/choice based credit system (Programme wise): -Not applicable-
6. Participation of the department in the courses offered by other departments:-Nil-
7. Courses in collaboration with other universities, industries, foreign institutions, etc:-Nil-
8. Details of courses/programmes discontinued (if any) with reasons: -Nil-
9. Number of teaching posts:

S. No.	Teaching post	Sanctioned	Filled
1	Assistant Professors	13	13

10. Faculty profile with name, qualification, designation, specialization

S.No	Name of the faculty	Qualifications	Designation	Specialization	No. of Years of Teaching Experience
1	Dr.C.Kavitha	M.A.,M.Phil., T.P.T.Ph.D., SET.	Asst.Prof	Classical language	6years
2	Dr.S.Kaladevi	M.A.,M.Phil. T.P.T.,,Ph.D.,	Asst.Prof	Sangam Literature	5years
3	Dr.E.Amutha	M.A.,M.Phil.,Ph.D.	Asst.Prof	Sangam Literature	14years 10Months
4	Ms.V.Jayanthi	M.A.,M.Phil.,SET.	HOD	Sangam Literature	9 years 2Months
5	Ms.V.Kavitha	M.A.,M.Phil.	Asst.Prof	Sangam Literature	9 years 2Months
6	Ms.J. Porchelvi	M.A.,M.Phil., SET.	Asst.Prof	Modern	8 years

				Literature	2Months
7	Ms.J. Sanbaga Lakshmi	M.A.,M.Phil.,	Asst.Prof	Sangam Literature	13 years 2Months
8	Ms.R.Kalaiselvi	M.A.,M.Phil.,	Asst.Prof	Modern Literature	6 years 9Months
9	Ms.J.Kalaimani	M.A.,M.Phil.,B.Ed.,	Asst.Prof	Modern Literature	6 years 9Months
10	Ms.L.Mekala	M.A.,M.Phil.,COPA., B.Ed.,	Asst.Prof	Modern Literature	6 years
11	Ms.K.Thillaiya di Valliyammai	M.A.,M.Phil.,B.Ed.,	Asst.Prof	Modern Literature	5 years 2Months
12	Ms.A.Kamala	M.A.,M.Phil.,	Asst.Prof	Modern Literature	6years 2Months
13	Ms.S.Roseline Mary	M.A., M.Phil., B.Ed.,	Asst.Prof	Modern Literature	1years 2Months

11. List of senior visiting faculty

S. No	Name of the Visiting Faculty	Designation	Area of specialization	Address
1.	Dr.V. Somasudaram	Asst. Prof.	Kappiyangal	Tamil Department (Rtd) M.R.G.Govt Arts College. Mannargudi.

12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty –Nil-

13. Student -Teacher Ratio (programme wise)

S. No.	Programme	Teacher-student ratio
1	UG (I-YEAR)	83%
2	UG (IIYEAR)	79%

14. Number of academic support staff (technical) and administrative staff sanctioned and filled –Nil-

15. Qualifications of teaching faculty with Ph.D/ MPhil / PG

S. No.	Name	Qualification
1	Dr.C.Kavitha	M.A.,M.Phil.,T.P.T.,Ph.D., SET.,
2	Dr.S.Kaladevi	M.A.,M.Phil., T.P.T., Ph.D.,
3	Dr.E.Amutha	M.A.,M.Phil.,Ph.D.,
4	Ms.V.Jayanthi	M.A.,M.Phil.,SET.,
5	Ms.V.Kavitha	M.A.,M.Phil.,
6	Ms.J. Porchelvi	M.A.,M.Phil., SET.,
7	Ms.J. SanbagaLaksmi	M.A.,M.Phil.,
8	Ms.R.Kalaiselvi	M.A.,M.Phil.,
9	Ms.J.Kalaimani	M.A.,M.Phil.,B.Ed.,
10	Ms.L.Mekala	M.A.,M.Phil.,COPA.,B.Ed.,
11	Ms.K.Thillaiyadi Valliyammai	M.A.,M.Phil.,B.Ed.,
12	Ms.A.Kamala	M.A.,M.Phil.,
13	Ms.S.Roseline Mary	M.A., M.Phil. B.Ed.,

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received –Nil-

17. Departmental projects funded by DST – FIST, UGC, DBT, ICSSR, etc. and total grants received: -Nil-

18. **Research Centre /facility recognized by the University:- Nil-**

19. **Publications:**

S.NO	Name of the Faculty	Total No.of Articles Published	Perticulars /conference / Seminar	Book Publication National /international	Magazine
1	Dr.C.Kavitha	6	7	2/4	-
2	Dr.S.Kaladevi	12	12	4/8	-
3	Dr.E.Amutha	7	7	4/3	-
4	Ms.V.Jayanthi	4	4	2/2	-
5	Ms.V.Kavitha	5	5	3/2	-
6	Ms.J.Porchelvi	5	5	4/1	-
7	Ms.J.Sanbaga lakshmi	10	10	4/6	3
8	Ms.R.Kalaiselvi	7	7	4/3	-
9	Ms.J.Kalaimani	4	4	3/1	-
10	Ms.L.Mekala	16	16	10/6	-
11	Ms.K.Thillaiyadi Valliyammai	7	7	3/4	-
12	Ms.A.Kamala	7	7	4/3	-
13	Ms.S.Roseline Mary	5	5	3/2	-

20. **Areas of consultancy and income generated:-Nil-**

21. **Faculty as members in a) National committees b) International Committees**

c) Editorial Board:

Editorial Board: V.Jayanthi (Stet college Magazine)

22. **Student projects:-Nil-**

23. **Awards / Recognitions received by faculty and students.**

Received by the Faculty

Date	Name of the faculty	Nature Award	Awardee
23.07.11	Ms.J.Sanbagalakshmi	Best Researcher Award	ThamzhilyaKalviKalagam,AvvaiTrust, Thiruvaiyaru

students

**COLLEGE ENDOWMENT PRIZE KRISHNAVENI VIVEKANADAM
AND SANTHA VENKATRAMAN**

GOLD MEDAL

S.NO	NAME	YEAR	Major
1	G.Sathyakala	1995-98	Computer science
2	K.Karpagam	1996-99	Mathematics
3	R.Anusuya	1997-2000	Mathematics
4	A.Sathya	1998-2001	B.B.A.,
5	D.Akilandeswari	1999-2002	Bio Chemistry
6	S.K.Shanthi	2000-03	Micro Biology
7	T.Gayathri Devi	2001-04	Computer science
8	T.Rajeswari	2002-05	Micro Biology
9	R.Jothilakshmi	2003-06	Bio Chemistry
10	R.Manimekalai	2004-07	Bio Chemistry
11	B.Suganya	2005-08	Bio Chemistry
12	P.Sudha	2006-09	Mathematics
13	K.Radhika	2007-10	Bio Chemistry
14	V.Sriveni	2008-11	Physics
15	S.Shanmugapriya	2009-12	Mathematics
16	M.Chitra	2013-14	Mathematics

Student Recognitions in University Rank

S.No.	Name of the student recipient	University Rank	Academic Year	Department
1	SK. Shanthi	I	2000-03	Microbiology
2	B.Suganya	I	2005-08	Bio Chemistry
3	P.Sudha	I	2006-09	Mathematics
4	K.Radhika	I	2007-10	Bio Chemistry

24. List of eminent academicians and scientists / visitors to the department: Nil-

25. Seminars/ Conferences/Workshops organized & the source of funding :-

Nil-

26.Student profile programme/course wise:-Nil-**27. Diversity of Students:-Not Applicable****28.How many students have cleared national and state competitive such as NET,SLET,GATE,Civil service,Defense service,etc: -Nil-****29. Students progression:-Nil****30. Details of Infrastructural facilities- Not Applicable**

a)Classroom: :- b)Laboratories: :-

c) Library

S.No	Library	Books	Area
1	General Library	3159	5310 Sq Ft

d) **Internet Facilities** – Yes, internet facilities is available with 8mbps.

31. Number of students receiving financial assistance from College, University, Government or other agencies – Not Applicable**32.Details on student enrichment programmes (special lectures / workshops /seminar) with external experts –Nil-****33. Teaching methods adopted to improve student learning.****Teaching methods adopted to improve student learning.**

- Planning well about the materials to be taught.
- Explaining the ideas with the help of Reference Books in the regular classes, so that Students can understand the ideas clearly .
- Discussing with the Students in the class hours about the general affairs daily.
- While teaching the regular lessons some anecdotes are told to the students to facilitate easy understanding.
- While teaching poems some songs are sung in such away as to attract the attention of the students.

- Recollection of ideas by the teacher in every period.
- Asking small questions to the students to assess the level of understanding and also to draw the attention of the students to the subject.
- Asking students to recite the pomes taught in the previous day.
- By asking students to recite what they have studied in previous class, the language skill of the students is developed
- Giving training to the students in the class rooms to take notes so that they can reinforce the ideas in their minds.

34. Participation in Institutional Social Responsibility (ISR) and Extension activities.

S.No.	Date	Activity	Participants	No. of Beneficiaries
1	01.12.2012	Ramakadhai Kambanukku pin.	Kamban Kazhakam, Karaikkudi.	250
2	04.01.2013	Pen Kalvi.	Govt. High School, Karuakkurichi.	500
3	30.07.2014	Ulaga Kalviarivu Patriya Vizhippunarvu.	Govt. Middle School, Sundarakkottai.	300

35. SWOC analysis of the department and Future plans

Strengths

- Out of thirteen faculties working in the Department three Four hold Ph.D., Degree and three have passed SET Examination.
- Students have been awarded with gold medals four time by the barathidasan university for having stood first in part-I examination.

- Endowment prize (gold medal) in the name of Krishnaveni Vivekanandam & Thirumathi Shantha Venkatraman is offered to the cumulative top scorer (in all four semesters) in part-I Tamil in collegiate level.
- Students continue to produce 100% (cent percent) results in part-I Tamil from the academic year 1994 – 97 to 2011-13.
- Literary awards are being given to Tamil Scholars who have rendered meritorious service to Tamil literature. by the Sengamala Thayaar Educational Trust Women's College from the year 2002 to till Date. This award carries a purse of Rs.50000/. Department of tamil recommends suggests the name of the scholar to the management every year.
- Every year students present Literary Dramas in Tamil during the Annual Day of the college. from the year 2008-2009 to till date.

Weakness

- In spite of the fact that the Tamil Department produces excellent results in part – I Tamil, there is no UG/ PG programme in Tamil literature.

Opportunities

- Awareness regarding further studies in Central Institute of Indian Language, Mysore may be provided.
- Tamil being mother tongue, creativity like writing poems dramas can be encouraged.

Challenges

- After schooling, students opt for professional programmes (Medicine,,Engineering) / science programme.

Future plans of the Department

- To conduct national seminar.
- To Take efforts to introduce B.A Tamil / B.Lit..
- Conducting Exhibitions of rare articles and photographs.
- Conducting debates among students to develop their oratorical skill.

- Conducting intercollegiate oratorical competitions among students on literary topics.
- A collection of the Albums can be created for the purpose of listening to the orations of great
- Tamil scholars like Peraringnar Anna and Devaneyya Paavaanar.