

DR. AMBEDKAR GOVERNMENT ARTS COLLEGE

(AUTONOMOUS)

VYASARPADI, CHENNAI - 600 039



SELF STUDY REPORT
RE-ACCREDITATION (CYCLE -2)

SUBMITTED TO
**NATIONAL ASSESSMENT AND ACCREDITATION
COUNCIL**

BENGALURU -560072.

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PREFACE

Dr Ambedkar Govt. Arts College, affiliated to the University of Madras, has a clear vision of empowering, enhancing and enabling the students to possess the required skills in all facets of managerial, communication and life skills.

The college was started in the year 1972 and it offers today 15 undergraduate, 8 postgraduate, 5 M.Phil and 3 Ph.D courses in Shift I and two undergraduate courses in Shift II with student's strength of 2600. The college has state of the art infrastructure with well equipped library, labs and effective coaching by a team of dedicated staff members.

The college has been accredited by NAAC (National Assessment & Accreditation Council) in 2005 with '**B**' Grade. It gives us satisfaction and pride that we have been maintaining high standard of quality at all levels since accreditation. It has also helped us to introduce suitable reforms within the institutional framework to enhance the existing quality in all spheres. We are thankful to NAAC for providing a great support towards quality assurance.

The institution has been preparing for the second cycle of accreditation with great efforts for the past one year. It has brought rich experience to work together towards self analysis of SWOC. The report brought together all teaching, non teaching and support staff to involve as a team in the preparation of the Self study report.

We also seek suggestions for further development of the college after the Reaccreditation.

Principal

B.EXECUTIVE SUMMARY

The birth of Dr Ambedkar Government Arts College could be traced to the aspiring masses, an understanding state and a co-operative community. In the late sixties the higher education for the children of North Chennai was steadily increasing. So the Government of Tamilnadu, individual and corporate philanthropists and film stars joined hands with the common people of North Chennai to give a concrete shape to their dreams. Efforts commenced in 1971 when the Government of Tamilnadu located a huge lake lying South of Madras-Calcutta National Highway as the site for the proposed College. The significance of the role this College was going to play in future, is seen in the sharp contrast that marks its arrival from the birth of grandiose institutions. Though land was located, money needed to be raised. Now the Government setup a Fund Raising Committee with the Madras District Collector at the helm. The Committee organized Benefit Matches where film-stars wielded the willow for the cause. Company philanthropy and common people together mobilized the Government stipulated sum of Rs. 5 lakhs (Rupees five lakhs only) and the first brick was laid on clayey soil on 01/08/1972. The then Hon'ble Minister for Harijan Welfare played a noteworthy role consistently. It must be recorded that the same aspirations of the people, which helped found the College in 1973, continue to inspire and guide the teachers and supporting staff of the College to this day.

With affiliation coming from Madras University, in steady trickle, academic work which never steers away from the moorings of the founding spirit of the College, commenced in the Pre-university class rooms in August 1973. When the three floor building was ready in 1974, the Madras University gave affiliation for B.Sc. (Chemistry) Degree Programme, the first undergraduate course of the College. Five years thereafter B.A. (English Literature) and B.Sc. (Zoology) Degree courses got the nod. And in 1981 came B.Sc. (Mathematics). 1991 saw the inauguration of the B.Sc. Computer Science Programme, thanks to the generous support of the Madras Port Trust, which constructed the new building to house the Department and Classes.

From the academic year 2004-2005, B.Com and M.Sc (Mathematics) are introduced.

From the academic year 2006-2007, as per the Govt. order B.Sc (Comp. Sci) and B.Com are introduced in II Shift.

From the academic year 2008-2009, BBA (Financial Management) is introduced.

From the academic year 2011-2012, B.A. Economics, M.A. English, M.Sc. Zoology and M.Com courses are introduced.

From the academic year 2012-2013, M.Sc. Computer Science, M.Sc. Chemistry, B.Sc Statistics and B.Sc. Physics courses are introduced.

From the academic year 2013-2014, BA Defense & Strategic Studies, B.Sc Nutrition & Food Service Mgt, Botany, Visual Communication, M.A. Economics, M.Phil. and Ph.D. in Computer Science, Chemistry, English, Zoology and Commerce courses are introduced.

From the academic year 2014-15, Govt. of Tamil Nadu introduced the B.Sc (Psychology) and MSW (Master of Social Works) and the admission were made in the academic year 2015-16. In the academic year 2015-16, students were admitted in Ph.D Computer Science.

Criterion I: Curricular Aspects

Syllabi of all the programmes with CBCS in semester pattern are designed once in three years with due consideration to introduction of new programmes, advanced and interdisciplinary courses on the basis of,

- local, regional, national and global perspective Inculcation of values
- feedback from the stakeholders and their expertise
- knowledge and competence development for higher studies, research, employability and entrepreneurship.

The norms issued by TANSCH in 2008-2009 were used for restructuring the syllabi. The impact of the curricula on the students, alumni and the parents recorded in the feedback is considered during revision of the syllabi. The registration of views and opinions of the resource persons of seminars / conferences / workshops from national and international organizations and bodies on advanced trends in subjects are also taken into consideration. The revised syllabi, that reflect the goals and objectives of the college, is reviewed in the meetings of BOS of respective departments and approved in the Academic Council; both of which include external members subject experts, industry experts, alumni and representatives from University. Parts I and II are prescribed to gain proficiency in the languages. Part III has core and allied papers of the subjects of study. Part IV includes optional elective courses - SBE and NME Courses for promoting skills in students. Foundation Course and 'Environmental Studies' are mandatory courses for UG students inculcating values and eco-consciousness. Part V encompasses NSS, NCC and Physical Education for UG students to implant social and civic values.

Criterion II: Teaching, Learning and Evaluation

Absolute transparency and systematic mechanism are adopted in the admission process that is elaborately presented in the prospectus, handbook and the college

website. The College complies with the Government Reservation Policy and admission is based on the reservation policy of Govt. of Tamil Nadu. Profiles of the students are maintained in the departments after admission. The admission procedure is reviewed in the Admission Committee and the Staff Council. On perceiving the problems of the candidates, the faculty members guide them in the choice of subjects for study according to their eligibility and desire.

The informal unit test enables the teachers to identify the advanced and the slow learners. Advanced learners can opt for self-study courses, challenging assignments etc., and slow learners are given remedial coaching. The course teachers and the mentors free the differently-abled students from their inhibitions and pay special attention to their studies through coaching and peer learning. The master plan is prepared by individual teachers to schedule their teaching and evaluation in accordance with the academic calendar. The tutor method followed in teaching and learning process to ensure interactive, participative and experiential learning in academic, co-curricular and extracurricular activities. The personal attention and psychological guidance of the mentors smooth away the academic and personal problems of their wards and direct them towards progress. The modern trends in the course content provide room for innovative technology based teaching. Participation and presentation of papers in seminars / conferences / workshops enhance the quality of the teachers and the students. Publication of research papers by the teaching faculty and students in reputed journals is encouraged and recognized.

The eligibility norms of the UGC are followed for teachers, and are appointed by the Govt. of Tamil Nadu through the Teachers Recruitment Board (TRB). The orientation programmes for the new appointees and faculty development programmes for all teachers are conducted by Govt. of Tamil Nadu.

The conduct of end semester examinations on the prescribed dates in the academic calendar, fair and transparent evaluation process, the security measures adopted in the COE Office and technology enabled publication of results have made examination and evaluation process effective. The grievances of the low achievers are attended to and resolved by the HODs and Grievance Redressal Cell by recommending them for revaluation / supplementary / reappearance of examination. Learning outcomes stand testimony to the teaching, learning and evaluation process. Teaching procedure has been meticulously planned by teachers keeping in view the goals and objectives of Higher Education, of the University and of the college. The expected objectives of the courses, as defined in the syllabus book and spelt out to the students in the department meetings, are realized in the learning outcomes of the students. The curriculum development, teaching methodology, evaluation process and reforms and the feedback from the students are instrumental

in bringing out the necessary changes in the practices of the college for further improvement.

Criterion III: Research, Consultancy and Extension

Promotion of research activity is one of the parameter for quality enhancement. IQAC and Research Committee take the quality initiative to publicize the facilities and resources available through the college website to disseminate research culture among the internal and external stakeholders. The College has ensured the provision of the following resources:

Academic Resources - Computerized Central Library with advanced books and journals, fully equipped laboratories especially the specialized research. Most of the Department has the internet facility, which will be very helpful for the students as well as the staff members.

Human Resources - Expertise of Scientists and Professors from National Institutions / Research Centre's / Bodies invited as resource persons for seminars / conferences / workshops at National / International Levels, Guides of M.Phil., Ph.D. programmes and UG, PG Projects, research fellows of major research projects.

Financial Resources – The UGC is the funding agency and provide necessary funding for faculty members in the form of Major and Minor research projects.

The College recognizes the research guides, publishers of articles in journals, Ph.D. and project holders on the College Annual Day and Staff meeting. Considerable research output is produced by the faculty of the college. The institution has 44 Ph.Ds., 42 M.Phils., 18 staff members as recognized Research Supervisors, 5 staff members on the editorial boards of journals, 2 completed 4 ongoing minor research projects, 1 completed Major research project, 2 books published. Departments of Computer Science, Commerce and Mathematics are recognized as research centre's by the affiliating University. The students are socially sensitized and made aware of their responsibilities through community service programmes organized by NSS and Outreach programmes. They place the students and the staff amidst the community to participate in social welfare activities planned and organized by the college in the villages. The objectives of the programmes are achieved through systematic procedure - survey to identify the needs, plan based on the needs, implementation by involving the public in the programme, periodic evaluation of the programme followed by its review and modification for better results. The regulated activities and training of NCC and Physical Education inculcate civic values in students.

Criterion IV: Infrastructure and Learning Resources

The provision of adequate physical and academic support resources facilitates smooth teaching, learning and research, co-curricular and extra-curricular activities. Their optimum usage for the internal and external stakeholders - regular classes, and end semester, department activities, competitive examinations conducted by the Government and the Universities, matches and tournaments by the Universities, academic and public functions etc. has ensured the resourcefulness of the managing systems at the college.

Two Computer Laboratories, extension of Internet facility to the departments, computerized administrative office, library, COE Office are in keeping with the current trend in Higher Education. Ramps, special toilets and special furniture are friendly facilities at the college for the differently-abled students. The Central Library has more volume of books for the student reference purpose. The College Council plays a vital role in planning and executing the activities of the Library – purchase of books / journals / CDs and cassettes / online resources / furniture / reprographic facility. The oral and written feedback of the students and the staff has helped in making the Library user friendly. ICT enabled classrooms, LCD projectors and printers, digital visualizer and electronic podium help the faculty to prepare ICT enabled learning materials. Adequate budgetary provision has ensured the proper maintenance of infrastructure and academic support facilities.

Criterion V: Student Support and Progression

The College undertakes student focused academic and non-academic student support activities, publicized in the college hand book, to provide them rich learning experience and thereby ensure students' progression to higher studies and gainful employment. The College extends its support to the socially and financially weak students, especially SC, ST, OBC and the differently-abled student communities in admission adhering to Government norms. 95% of the disadvantaged students receive scholarships from State / Central Governments.

Coaching classes for slow learners from weaker sections of society to get through the semester examinations and entry in services for SC / ST / OBC (non-creamy layers) and minorities to get gainful employment in Group 'A', 'B' or 'C' Central Services, State Services or equivalent positions in the private sector and clear SLET / NET examinations for lecturer ship in colleges / Universities. The Research Committee motivates the departments to collaborate and form linkage with research centre's / institutions at National and International levels to promote learning, research and training for skill formation and placement.

The co-curricular and extra-curricular activities organized by the college Union and the affiliated associations assure the holistic development of the students. The soft,

communication and organizational skills offered by the Placement and Career Guidance Cell prepare students for employment and provide them with job opportunities through the Campus Drives. Considerable contribution is made by the alumni of the college for curriculum and skill development for higher studies and placement. The dissatisfaction, grievances and requests of the stakeholders are addressed by the Grievance Redressal Cell. The Anti-Ragging Cell publicizes its stand against it in the campus to curb ragging.

The Old Student Associations in the departments maintain a good rapport with the students to keep track of students' progression into higher studies / employment. Special efforts are taken by the college to analyse the reasons for the dropout rate-owing to transfer to professional colleges, ill health, and financial constraints, migration of parents and marriage / child birth. Students are made aware of the importance of higher education through mentoring sessions, parent - teacher meet and department meetings to reduce dropout rate, ensure their successful completion and pass in the programmes. Encouragement for students participation in games / matches / tournaments / seminars at state / national levels, cultural, co-curricular / extra-curricular activities and competitions in and out of the college, has brought laurels to the individuals and the institution. Feedback from students is validated by revising the syllabi and teaching techniques and planning for skill enhancement programmes. Students are motivated to present and publish their articles in college magazine and research papers in reputed journals and proceedings of conferences / seminars, participate and win in the collegiate / inter-collegiate.

Criterion VI: Governance, Leadership and Management

The College has clearly defined vision, mission, goals and objectives in keeping with the objectives of Higher Education and reflecting the quality parameters - inculcation of values and use of technology to promote competencies and match national and global requirements through all the activities aiming at excellence for local and national development. The tutors monitor the activities and the stakeholders evaluate them through feedback. The identified merits are recognized and applauded and the short falls are addressed and remedied through Grievance Redressal Cell to make a prospective future development plan.

Carefully plan of the budget allotted by the State and Central Governments, for academic and administrative activities and monitoring the proper and optimal utilization of financial resources. Auditing can be done by internal and external to ensure the optimum usage of funds and within the rules. Expenditure made in the financial resources given by Central Government and Autonomous grant are approved by Finance Committee.

IQAC takes the initiative with the internal and external members to enhance and maintain quality as per the Quality Policy in all the endeavors of the college.

Criterion VII: Innovation and Best Practices

The College ensures environment consciousness in the minds of the students and the inmates of the campus by the following practices. Environmental studies as a mandatory course in semester III & IV of UG. Environment awareness programmes by NSS, YRC etc.

- Best Practices of the Institution conducts the parent and teachers meeting regarding attendance and CIA marks.
- Extraordinary achievements: Coaching / Remedial classes to the slow learners
- Supplementary Examination for outgoing students.
- Promotion of research culture through projects, publications and presentations.
- Mentoring System to monitor and guide the students individually
- Certificate course in Gandhi Thought for all outgoing UG students

SWOC Analysis

Strengths

- ✓ Excellent infrastructure
- ✓ Dedicated and committed and competent faculty
- ✓ Updated and standard curriculum on par with reputed National Institutions
- ✓ Transparent admission process. The admission is made in counseling manner. Students can opt their choice in selecting the branch of study
- ✓ The College is catering to the needs of students from rural areas and economically weaker sections of the society.
- ✓ All the PG departments and some of the UG departments have LCD projectors to support ICT based classes.

Weaknesses

- ✓ Most of the students are first generation learners
- ✓ Location in a rural area
- ✓ Majority of the students are from Tamil Medium

Opportunities

- ✓ Vertical mobility from UG to Ph. D. Programmes
- ✓ Coaching for NET / SET and other competitive examinations
- ✓ Soft skill training and spoken English classes

Challenges

- ✓ To produce 100% success rate
- ✓ To make the students communicate in English
- ✓ To attract reputed companies for campus placement
- ✓ To organize international seminars / conferences

Profile of the Institution

1. Name and Address of the College:

Name :	Dr. Ambedkar Govt. Art College	
Address :	Vyasarpadi	
City : Chennai	Pin : 600 039	State : Tamil Nadu
Website :	www.daga.co.in	

2. For communication :

Designation	Name	Telephone with STD code	Mobile	Fax	Email
Principal i/c	Dr.M.Ravichandran	O:044-25520151 R:	9444381337	044-25520151	dagacvys@yahoo.co.in
Vice Principal	----	O: R:			
Steering Committee Coordinator	Dr.M.Ravichandran	O:044-25520151 R:	9444381337	044-25520151	mravichandran@gmail.com

3. Status of the Autonomous College by management.

I Government

4. Name of University to which the College is Affiliated

University Of Madras

5. a. Date of establishment, prior to the grant of 'Autonomy' (01/08/1973)

b. Date of grant of 'Autonomy' to the College by UGC:

(06/03/2007)

6. Type of Institution:

a. By Gender

i. For Men

- ii. For Women
- iii. **Co-education** ✓
- b. By Shift
 - i. **Regular** ✓
 - ii. Day
 - iii. Evening
- c. Source of funding
 - i. **Government** ✓
- 7. It is a recognized minority institution?
No ✓
- 8. a. Details of UGC recognition:

Under Section	Date, Month & Year (dd-mm-yyyy)	Remarks(If any)
i. 2 (f)	01 AUGUST 1977	
ii. 12 (B)	01 AUGUST 1977	

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

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

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

(Enclose the Certificate of recognition/approval)

9. Has 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 contributions / performance by any other governmental agency?

Yes ☐ No ☐

If yes, Name of the agency and
Date of recognition: (dd/mm/yyyy)

10. **Location** of the campus and area :

Location* :

Urban

Campus area in sq. mts. or acres : 23 acres

Built up area in sq. mts. 2149

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

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

- Auditorium/seminar complex
- Sports facilities ☒
- * play ground ☒
- Hostel
 - * Boys' hostels
 - * Girls' hostels
- Residential facilities * for teaching staff
 - * for non teaching staff
- Cafeteria
- Health centre –
 - * First aid facility
 - * Inpatient facility
 - * Outpatient facility

- * Ambulance facility
- * Emergency care facility

Health centre staff –

- | | | |
|--------------------|-----------|-----------|
| * Qualified doctor | Full time | Part-time |
| * Qualified Nurse | Full time | Part-time |

- * Other facilities

- Bank
- ATM
- post office
- book shops

- Transport facilities * for students ✓
- * for staff
- Power house
- Waste management facility

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

Sl. No.	Programme Level	Name of the Programme/ Course	Duration	Entry Qualification	Medium of instruction	Sanctioned/ approved Student intake	No. of students admitted
1.	UG	B.Sc.Computer Science	3 yrs	H.SC.	English	30+30	30+30
		B.Sc.Chemistry	3 yrs	H.SC.	English/Tamil	24+24	24+24
		B.Sc.Physics	3 yrs	H.SC.	English/Tamil	24+24	24+24
		B.Sc.Maths	3 yrs	H.SC.	English/Tamil	24+24	24+24
		B.Sc.Statistics	3 yrs	H.SC.	English	24	24
		B.Sc. Zoology	3 yrs	H.SC.	English/Tamil	24+24	24+24
		B.Sc.Botany	3 yrs	H.SC.	English	40	40
		B.A.Economics	3 yrs	H.SC.	English	50	50
		B.Com	3 yrs	H.SC.	English	70+70	70+70
		BBA	3 yrs	H.SC.	English	65	65
		B.Sc.Psychology	3 yrs	H.SC.	English	24	24
		B.A.English	3 yrs	H.SC.	English	50	50
		B.Sc. Viscom	3 yrs	H.SC.	English	50	50

		B.Sc.Nutrition	3 yrs	H.Sc.	English	24	24
		B.A.Defence	3 yrs	H.Sc.	English	50	50
2.	PG	M.Sc. Chemistry	2 yrs	B.Sc.	English	20	20
		M.Sc. Zoology	2 yrs	B.Sc.	English	20	20
		M.Sc. Comp. Sci	2 yrs	B.Sc.	English	20	20
		M.Com	2 yrs	B.Sc.	English	20	20
		M.A. English	2 yrs	B.Sc.	English	20	20
		M.A. Economics	2 yrs	B.Sc.	English	20	20
		M.Sc. Maths	2 yrs	B.Sc.	English	20	20
3.	Integrated Masters	*****					
4.	M.Phil.	Chemistry	1 yr	M.Sc.	English	6 FT+ 3 PT	6 FT+ 3 PT
		Zoology	1 yr	M.Sc.	English	6 FT+ 3 PT	6 FT+ 3 PT
		Computer Science	1 yr	M.Sc.	English	6 FT+ 3 PT	6 FT+ 3 PT
		M.Com	1 yr	M.Com.	English	6 FT+ 3 PT	6 FT+ 3 PT
		English	1 yr	M.A..	English	6 FT+ 3 PT	6 FT+ 3 PT
5.	Ph. D.	Commerce	3 yr	M.Sc./M.Phil	English	6	6
		Computer science	3 yr	M.Sc./M.Phil	English	13	13
		English	3 yr	M.Sc./M.Phil	English	1	1
6.	Integrated Ph.D.	*****					
7.	Certificate	*****					
8.	Diploma	*****					
9.	PG Diploma	*****					
10.	Any Other (Please specify)	*****					

13. Does the institution offer self-financed Programmes?

Yes ☐ No ☒

If yes, how many?

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

Yes			
-----	--	--	--

If yes

Number	20
--------	----

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

Particulars	Number	Number of Students
Science		
Under Graduate	11	580
Post Graduate	4	80
Research centre(s)	1	13
Arts		
Under Graduate	3	170
Post Graduate	2	40
Research centre(s)	-	-
Commerce		
Under Graduate	2	140
Post Graduate	1	20
Research centre(s)	1	-
Any Other (BBA)		
Under Graduate	1	65
Post Graduate	-	-
Research centre(s)	-	-

16. Are there any UG and/or PG programmes offered by the College, which are not covered under Autonomous status of UGC? Give details. - No

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

- | | |
|---------------------|----------------------------------|
| a. annual system | <input type="text"/> |
| b. semester system | <input type="text" value="ALL"/> |
| c. trimester system | <input type="text"/> |

18. Number of Programmes with

- | | |
|-------------------------------------|----------------------------------|
| a. Choice Based Credit System | <input type="text" value="ALL"/> |
| b. Inter/Multidisciplinary Approach | <input type="text"/> |
| c. Any other (specify) | <input type="text"/> |

19. Unit Cost of Education

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

- | | |
|------------------------------------|--|
| (a) including the salary component | <input type="text" value="Rs. 63500"/> |
| (b) excluding the salary component | <input type="text" value="Rs. 6900"/> |

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

Yes No

If yes,

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

b. NCTE recognition details (if applicable) Notification

No.:

Date: (dd/mm/yyyy)

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

Yes No

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

Yes No

If yes,

- a. How many years of standing does the department have?
..... years
- b. NCTE recognition details (if applicable) Notification
No.:
Date: (dd/mm/yyyy)
- c. Is the department opting for assessment and accreditation separately?
Yes ☐ No ☐

22. Whether the College is offering professional programme?
Yes ☐ No ☒

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

23. Has the College been reviewed by any regulatory authority? If so, furnish a copy of the report and action taken there upon. – No

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

Positions	Teaching faculty						Non-teaching staff		Technical staff	
	Professor		Associate Professor		Assistant Professor					
	*M	*F	*M	*F	*M	*F	*M	*F	*M	*F
Sanctioned by the UGC / University / State Government <i>Recruited</i> <i>Yet to recruit</i>	-	-	12	5	42	30	15	6	1	0
Sanctioned by the Management/society or other authorized bodies/GL <i>Recruited</i> <i>Yet to recruit</i>										

*M - Male *F - Female

25. Qualifications of the teaching staff

Highest qualification	Professor		Associate Professor		Assistant Professor		Total
	Male	Female	Male	Female	Male	Female	
Permanent teachers							
D.Sc./D.Litt.							
Ph.D.			7	2	26	9	44
M.Phil.			5	3	15	19	42
PG					1	2	3
Temporary teachers (GL)							
Ph.D.							
M.Phil.							
PG							
Part-time teachers - NA							
Ph.D.							

26. Number of Visiting Faculty/ Guest Faculty engaged by the College. 15

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

Students	UG		PG		Integrated Masters		M.Phil.		Ph.D.		Integrated Ph.D.		D.Litt./D.Sc.		Certificate		Diploma		PG Diploma	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
From the state where the College is located	1153	720	252	136	-	-	19	8	1	2	-	-	-	-	-	-	-	-	-	-
From other states of India	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NRI students	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Foreign students	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	1153	720	252	136	-	-	19	8	1	2	-	-	-	-	-	-	-	-	-	-

* M - Male * F - Female

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

UG

4%

PG

2%

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

180

30. Number of teaching days during the last academic year

180

31. Is the College registered as a study centre for offering distance education programmes for any University? Yes ☐ No ☒

If yes, provide the

- a. Name of the University

- b. Is it recognized by the Distance Education Council?

Yes ☐ No ☐

- c. Indicate the number of programmes offered.

32. Provide Teacher-student ratio for each of the programme/course offered: 1:20

33. Is the College applying for?

Accreditation : Cycle 1 ☐ Cycle 2 ☒ Cycle 3 ☐ Cycle 4 ☐

Re-Assessment:

☐

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

Cycle 1: (28/02/2005) (dd/mm/yyyy) Accreditation outcome/'B' GRADE

Cycle 2: (dd/mm/yyyy) Accreditation outcome/results*

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

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

34. a. Date of establishment of Internal Quality Assurance Cell (IQAC)

01/03/2011 (dd/mm/yyyy)

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

(i) AQAR for year 2011-2012 on 24.09.2015

(ii) AQAR for year 2012-2013 on 24.09.2015

(iii) AQAR for year 2013-2014 on 24.09.2015

(iv) AQAR for year 2014-2015 on 24.09.2015

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

Criteria-wise Analytical Report

Criterion I

CURRICULAR ASPECTS

CRITERION – I: CURRICULAR ASPECTS**1.1. CURRICULUM DESIGN AND DEVELOPMENT****1.1.1. How are the institutional vision / mission reflected in the academic programmes of the College?**

The vision of the college is to respond to its contextual calling substantially, empower its learners with knowledge and skills wedded to values and thus relate to lives eternally.

Mission:

- *To bring out the best in students by striving to impart 'Man'- making education.
- *To sustain a congenial teaching and learning ambience all through the academic year and year after years.
- *To bestow on our students commerce shorn of greed, humanities rooted in realities and sciences that make them more human.
- *To make our young students men and women of moral fiber sound knowledge and devotion to all mankind.
- *To turn our graduates into genuine researchers who will rid themselves of the muck accumulated over historical times
- *To make all graduates a quality work force for the most cut throat market
- *To integrate our students with our immediate neighborhood and with the society at large so that they consider themselves servant of mankind
- *To spiritually tune our students to be courageous in turbulence, balanced in victory, empathetic to the vulnerable in consumption and accountable to posterity
- *To realize its vision through a cost effective education this will not be mistaken for cheap education even by a superficial observer.

Reflection of the vision and mission of the college in its academic programmes:

Transverse a time span of four decades plus, the college today carries out its mission through 15 UG and 8 PG programmes. The Academic growth is tabulated thus:

S. No	Year	Course Initiated
1	2011	BA., Economics, MA., English, M.Sc Zoology and M.Com
2	2012	B.Sc., Physics, B.Sc., Statistics, B.A., Economics, M.Sc Computer Science and M.Sc Chemistry
3	2013	B.Sc., Plant Biology and Plant Biotechnology, B.Sc., Nutrition Food Service Management and Dietetics, B.Sc., Visual Communication, B.A., Defence and Strategic Studies, MA., Economics
4	2013	M.Phil.& Ph.D. – Computer Science, Chemistry, Commerce, English and Zoology
5	2014	B.Sc., Psychology and MSW

The college was quick to seize upon a sudden shower of good will and support from the state government for academic expansion and advancement. The above table shows the alacrity of the college in grabbing the opportunity that came its way following a long lull and stagnation of the 1980's. The choice of the courses asked for and obtained is fully reflective of the vision and mission of the college. The entrenched programmes like B. Sc. Zoology, B. Sc Computer science, B. A. English and B. Sc. Chemistry clearly reflects a desire for vertical growth by the inclusion of Post graduate programmes in these specialised domains as well.

These new courses in 2013 were initiated as there was a growing demand for the same. Courses such as B.A. Defence and Strategic studies and B. Sc. Visual Communication are not offered in any other government college in Chennai. This college is also the first in Chennai to offer B. Sc. Nutrition Food Service Management and Dietetics Programme to both male and female students. Also, the course fee for some of the above mentioned programmes is high in private institutions. Initiating these programmes at a subsidized fee provides an opportunity for students from economically challenged background to pursue their dreams in these areas too.

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

In tune with its vision, the college makes the best use of ‘autonomy’ to pursue innovation in curriculum design so as to meet the academic and personal needs of the students and to also understand core values. Autonomy has created a scope for independent design of the curriculum with innovative inputs from the faculty members, subject experts and alumnae.

The Choice Based Credit System (CBCS) which was implemented has enabled the college to introduce several courses which cater to the holistic development of its students and enhance their employability. These programmes are rigorously structured and updated through series of revisions in the syllabi with the help of the board of studies so as to keep abreast with the growing demands of the society and industries.

The Board of Studies comprises of all the faculty members of the department along with a University Nominee from other institutions, Subject Experts from other institutions and a meritorious Alumni. The curriculum is designed in accordance with the guidelines laid out by the University of Madras. A study of courses and syllabi of several higher institutions – of both national and international eminence, are undertaken before decisions are made. Factors such as - Current relevant topics, employment opportunities, industry and societal needs, are incorporated thereby ensuring that the students are molded into qualified graduates with skills that match global competencies together with sound ethical and social values. Based on the framework given by the members of the BOS, the department frames the syllabi with course description, objectives, unit divisions, recommended reading list, Question Paper Pattern and mark distribution.

Sequence of course design and development

The teachers of this college, vigilant and quick to perceive, keep their fingers on the pulse of the learners and make relevant changes in their respective syllabi. Model syllabi from the UGC and the official websites of western and eastern universities are observed in the name or not are also observed.

A brain storming ensues and now a draft syllabus is ready which is taken to a BOS comprising of two experts nominated by the college, one university nominee one nominee from the world of industries and one alumnus who is also into teaching .

All boards are acutely aware of the class of students who get pushed into taking help from state run colleges being 'low' in all parameters for the aided and self-financing establishments. The

All boards show pragmatism a syllabus and tries to wed reality to the ideals. The foundation English syllabus for instance gives a fine exposure to the 44 English speech sounds as they are produced by the British native speakers . This is practically sought to be achieved by giving them a test with a CD. The board's pragmatism is never extended to condescension.

The major onslaught on the quality higher education is a dearth in congested classrooms of state run schools. Much remediation or bridging is essential. The many syllabi try to incorporate this bridging and repairing of past damages by an amalgam of intervention and new learning material.

Curriculum is designed following UGC and TANSCHÉ guidelines

1. Curriculum development committee outlines framework for institutions curriculum
2. Subject experts are invited to frame the syllabus
3. Syllabus finalised by board of studies (BOS)
4. Curriculum sent to Academic Council for Approval
5. Approved curriculum is implemented
6. Feedback from students , teachers and subject experts is obtained
7. Interface between the institution and industry as well as service sector is organised and feedback is obtained
8. Based on feedback obtained is once again placed before board of studies conducted in the next academic year and the same process is followed.

The curricula structure of the CBCS has the following five parts.

Part I- Foundation course in Language.

Part II- Foundation course in English.

Part III – Core courses (Major and Allied) - All the departments ensure that the courses offered are in tune with the emerging trends of the area of specialization. Elective and skill based courses offered enhances employability potential and also provides scope for in depth knowledge of related subjects.

Part IV– Courses on Soft skills, value based education, and environmental studies helps build the learners proficiency in communication and also enriches the students' knowledge based on moral and ethical values.

Part V – This section promotes participation of students in NCC, NSS and Youth Red cross and gives them an opportunity to be service oriented.

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

The institution gives special emphasis to obtaining feedback of academicians from premier institutes such as Madras University, Anna University and the IIT's. In addition to this exercise, interface between the institution and Industry as well as the service sectors are organized. The ideas and suggestions of the experts from these fields is critically analyzed and is incorporated into the curriculum design. This approach is used to ensure that the syllabus and curriculum is in tune with current and emerging trends. The National Institute of Remote Sensing, Central Leather Research Institute (CLRI), Science City, CNSNT (Centre for Nano Science and Nano Technology), Anna University, Institute of Ramanujam Advanced Study in Mathematics, various Software Multi National Companies and Non Governmental Organizations etc have provided valuable suggestion in the curriculum design and development process.

1.1.4 Employability, Innovation and Research ensured through curriculum design and development

The sound theoretical information with basic skill in techniques related to different areas of specialization facilitates the undergraduate students to branch out to various postgraduate programmes which leads to research in vertical mobility. At the same it gives

opportunity to the students to choose their career as teachers or to get placed in industries related to their chosen area of specialization. It also provides opportunities to become an entrepreneur in related fields. It also meets the challenges posed by the national level tests for various administrative and technical posts

A list of courses offered by the various departments aimed at employability and facilitating research is presented in the following table. These courses are offered taking into consideration the intellectual, physical psychic and aesthetic potentials of the students. The papers are patterned in such a manner starting from basic and fundamental details of the subject with a slow but strong progression into the finer details of the subject thus enabling students to easily grasp concepts in each subject

Department	Courses designed to increase employability/ skill based	Courses related to research
English	UG -Essentials of language and communication, Spoken an presentation skills , personality enrichment Computing skills, Preparatory English for job market PG- Essentials of language and communication – Advanced level, English for competitive examinations, Spoken an presentation skills , Personality development , Life and Managerial skills	Cotemporary literary theories Introduction to research methodology, project work and presentation
Mathematics	Analytical skills and aptitude Descriptive statistics Functional statistics Computer skills For PG students- Spoken English, computer skills , personality development	Ph. D programme

Statistics	Statistical inference ,sampling theory, statistical quality control, design of experiments , applied statistics	Introduction to statistical packages, mathematics for statistics , language for statistics, numerical methods
Physics	Mechanics and properties of matter Thermal physics and acoustics Optics and spectroscopy Atomic physics Relativity an quantum mechanics Classical mechanics and mathematics physics	Non-conventional energy sources Astrophysics Medical physics Molecular biophysics Applied physics Astro physics Every day physics Essentials of electricity
Chemistry	B.Sc level Electives: I Bio Chemistry II Nano Chemistry III Instrumental methods of Analysis IV Bioinorganic Chemistry V Chemistry of Petroleum and Petro Products Extra Disciplinary- I Computer for Chemists II Green Chemistry Soft Skills – I- Communication Skills II – Spoken English III – Computer Skills IV – Personality Development B.Sc. Level Non-Major Elective I – Dairy Chemistry	M.Phil-Full Time/Part Time To explore the various research areas in chemistry- Paper I- Research Methodology in chemistry Paper – II – Physical Methods in Chemistry Paper-III- (Special Paper) (i) Advanced Coordination Chemistry (ii) Physical Chemistry (iii) Electro Chemistry and corrosion (iv) Polymer Chemistry (v) Organic Synthetic Methodology and Conformational analysis

	II- Bio-Chemistry III- Forensic Chemistry IV – reparation of Consumer Products V- Food Chemistry Electives I- Analytical Chemistry II- Applied Chemistry III- Industrial Chemistry IV- Polymer Chemistry V- Leather Chemistry VI- Nano Chemistry VII- Agricultural Chemistry Soft Skills I- Essentials of Language and Communication II- Spoken and Presentation skill III- Personality Enrichment Computing Skill	(vi) Environmental chemistry
Plant Biology and Plant Biotechnology	Medicinal plants , Mushroom cultivation, Horticulture , herbs and remedies	Molecular biology Microbiology Bioinformatics
Zoology	Poultry management, Dairy farming and dairy technology , Vermiculture , seri culture	M. Phil Zoology
Computer Science	Analytical skills and aptitude , Client Server Computing and Web Technology Multimedia systems	Artificial intelligence and intelligence systems, Mobile Computing Digital signal processing, Geographical information system, Bio informatics Cyber Security

Commerce	Soft skills , personality enrichment, computing skills , value based education	M. Phil , Ph.D
Business Administration	Advertising and sales promotion Retail banking Business taxation E commerce and internet Consumer behaviour Entrepreneurial development	Research methodology Applied business statistics Applied operational research Project work
Economics	Indian economic development , statistics for economics , micro economics, Monetary economics , Macroeconomics, international economics , Tamil Nadu economics ,	Fundamentals of economics Marketing, Business values and ethics , basis of investment , applied operations research for business decision organisation behaviour insurance principles and practice , fundamentals of foreign exchange , strategic management , group work
Defence and Strategic Studies	Fundamentals of war and peace , art of warfare in India, World military history, Essentials of national security, International relations, international organisations, National security of India , Defence mechanism of India , Indian military operations,	Principles of defence management, political science, principles of economics , peace studies Human rights, criminology
Visual Communication	Graphic designing , drawing , advertising. Printing, television production, photography, web publishing, media and society. 3 D animation	

Home Science- Nutrition Food Service Management and Dietetics	Microbiology , sports Nutrition community Nutrition, diet therapy, food service management , textiles, preschool organisation	Dietetics , microbiology , sports nutrition
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1.1.5 Relevance of the curriculum to the needs of the society as well as relevance to the regional / national development needs

Addressing the needs of the individual, in particular, and the society at regional and national level is the prime aim of the curriculum designed. All the courses offered involve knowledge of computers and it is mandatory for students to be computer/techno savvy. The paradigm shift in the job market, namely the demand for hands in the IT and IT enabled service sectors, calls for a restructured curriculum and the institution has complied with this demand.

The recently initiated B.Sc Nutrition Food Service Management and Dietetics programs is .extremely relevant to the local needs as nutritional inadequacy is a pressing health concern in North Chennai that predominantly houses the economically challenged. Alleviating health issues through diet is a topic of much interest in the present scenario given the monumental increase in lifestyle related diseases such as diabetes, cardiovascular disease and Gastro intestinal diseases. This course provides scope for students to emerge as effective dieticians or health counselors to help people deal with health issues. One a personal note, it will motivate students to strive consciously to be healthy citizens and subsequently bring about a change in the society and nation at large.

Subjects related to the hotel industry like hotel housekeeping, front office management, quantity food production, food service management provides an excellent scope for students to explore the hospitality industry .

The B.Sc. Plant biology and plant biotechnology is another new course with social relevance as it deals with mushroom cultivation, vermiculture and horticulture which creates job opportunities for students .

With regard to the social relevance of papers offered by the department of zoology, special papers in core subjects and optional /elective papers are introduced to provide opportunity to students to acquire theoretical and practical knowledge in the modern techniques. Acquaintance of knowledge in field of Aquaculture , Ornamental fisheries Laboratory techniques, sericulture, apiculture, poultry management, vermiculture, organic farming, bio resource technology and Livestock management are emphasized. It helps to engage in critical analysis of contemporary issues of conservation of resources and to understand biodiversity approaches.

The Department of English as part of its efforts to reach out to community has reached 1000 copies of a Grammar Booklet, specially prepared for first generation learners in Government schools and NGO's run schools for the Disadvantaged in Vyasarpadi. Besides distribution of free copies to school children teachers of Department gave the three day grammar workshop to teachers in chosen schools.

The syllabus of the department commerce is framed in such a manner that equips students to become School Teachers and College Teachers. In Tamil Nadu , here are around 80 government run colleges apart from 6000 private colleges. The syllabus offers a lot of scope for students to pursue teaching as a career or to pursue higher education.. In a metropolitan city like Chennai the chapters for C.A and ICWA are available. The B. Com programme is also in tune with the emerging national and global trends. For example, E – Commerce is developing at a faster pace throughout the world. The Virtual marketing techniques are gaining acceptance from the consumers of the world. It provides Global market expansion. It provides number of employment opportunities to the young graduates.

Students of the Department of Physics contribute to local needs by interacting with the nearby School Students by conducting Astronomy Club meetings. Awareness is created among the students about the Myths and realities of the Universe.

The soft skills courses are unique in that they develop the personalities of the students and prepare them and prepare them for their careers as well as life ahead. The environmental studies programme addresses the citizenship and civic sense. Further the general elective offered encourages students to gain knowledge and skills in fields part

from their specialisation. The Value Education program (taken in the II Semester) is mandatory for all students. The objective in having this course is to reinforce and reiterate that ethical and moral values occupy an important place in the system of education in India.

The College provides opportunities to participate in NSS activities which encourage direct involvement of students in Community and National Development activities. Extension service (NSS, YRC, NCC) units are very active in organizing programmes related to Community Development.

1.1.6 Usage of guidelines of the regulatory bodies for developing or restructuring the curricula

National and international models are always referred to by all departments while restructuring the curriculum. The guidelines of UGC, University of Madras and TANSCH (Tamil Nadu State Council for Higher Education) and suggestions of Academic Council and Academic Audit Committee are strictly adhered to for developing or restructuring the curriculum.

1.2 ACADEMIC FLEXIBILITY

a. 1.2.1 Core and Elective Courses in CBCS

The introduction of CBCS course structure has opened avenues to offer Non Major Electives. A choice of two subjects is offered for each paper and students are given the opportunity to choose any non-major elective as per their interests. With regard to core courses, the department does not give the students a range of core papers from which they can choose from. However all core papers are introduced after reviewing their importance along with members of board of studies, stake holders, academicians of other institutions

Department	Core	Non major electives
English	Indian writing in English, poetry, prose, an introduction to theory and practice, drama, language and linguistics, Classical literature, Shakespeare comedies, American literature, journalism, English for	Preparatory English for the job market I and II

	competitive examination M. A English - Chaucer and Elizabethan age, neo classical age, Romantic and Victorian age, Twelfth century literature, literature in the post-colonial context, American literature , dalit studies ,	Essentials of language and communication- advanced level , spoken an presentation skills advanced level , Personality enrichment , life and managerial skills
Mathematics	Real analysis Ordinary's differential equations Algebra Partial differential equations Functional analysis Fluid dynamics	Difference equations Numerical analysis Statistical process Mathematical statistics Tensor analysis and relativity
Statistics	Statistical inference ,sampling theory, statistical quality control, design of experiments , applied statistics Distribution theory, applied operations research , statistics and epidemiology , demography	
Physics	Mechanics and properties of matter Thermal physics and acoustics Optics and spectroscopy Atomic physics Relativity an quantum mechanics Classical mechanics and mathematics physics	Non-conventional energy sources Astrophysics Medical physics Molecular biophysics Applied physics Astro physics Every day physics Essentials of electricity
Chemistry	Sc level Electives: I Bio Chemistry	M.Phil-Full Time/Part Time To explore the various

	II Nano Chemistry III Instrumental methods of Analysis IV Bioinorganic Chemistry V Chemistry of Petroleum and Petro Products Extra Disciplinary- I Computer for Chemists II Green Chemistry Soft Skills – I- Communication Skills II – Spoken English III – Computer Skills IV – Personality Development B.Sc. Level Non-Major Elective I – Dairy Chemistry II- Bio-Chemistry III- Forensic Chemistry IV – reparation of Consumer Products V- Food Chemistry Electives VIII- Analytical Chemistry IX- Applied Chemistry X- Industrial Chemistry XI- Polymer Chemistry XII- Leather Chemistry XIII- Nano Chemistry XIV- Agricultural Chemistry Soft Skills IV- Essentials of Language and Communication	research areas in chemistry- Paper I- Research Methodology in chemistry Paper – II – Physical Methods in Chemistry Paper-III- (Special Paper) (i) Advanced Coordination Chemistry (ii) Physical Chemistry (iii) Electro Chemistry and corrosion (iv) Polymer Chemistry (v) Organic Synthetic Methodology and Conformational analysis (vi) Environmental chemistry
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	V- Spoken and Presentation skill VI- Personality Enrichment Computing Skill	
Plant Biology and Plant Biotechnology	Vermiculture technology Advanced zoology and biotechnology Bryophytes and pteridophytes Gymnosperms and palaebotany Anatomy and embryology Genetics evolution and plant breeding Morphology and taxonomy Cell and molecular biology Plant biology and bioinformatics	Mycology and lichenology Bio resource management Mushroom technology
Advanced zoology and Biotechnology	Invertebrate, Chordata, Cell and Molecular biology, Genetics , Fundamentals of Biotechnology and Biochemistry Microbiology Animal Physiology Developmental biology Clinical laboratory techniques Computer applications and Bioinformatics Immunology	Public Health and Hygiene
Computer Science	Analytical skills and aptitude, Client server computing and Web technology Multimedia systems.	Artificial intelligence and Intelligence systems, Mobile computing, Digital signal processing, Geographical information system, Bio informatics, Cyber – Security
Commerce	Corporate accounting and accounting standards, advanced financial	Business statistics, Quantitative techniques for

	management, marketing, insurance and risk management, , human resource management , corporate laws, cost accounting, organisation behaviour , business environment and policy income tax law	business decision, investment management, Services management.
Business Administration	Principles of management , Financial accounting , managerial economics , business communication, business environment , Advertising and sales promotion, production management , human resource management marketing management , financial management Retail banking, Business taxation E commerce and internet Consumer behaviour, Entrepreneurial development , legal aspects of business, financial services and security markets , consumer behaviour	Business ethics and values, basics of investment , consumer rights and laws banking practices, basics of investment , customer relations management , tourism management
Economics	Indian economic development , statistics for economics , micro economics, Monetary economics , Macroeconomics, international economics , Tamil Nadu economics ,	Fundamentals of economics Marketing, Business values and ethics , basis of investment , applied operations research for business decision organisation behaviour Insurance principles and practice , fundamentals of foreign exchange , strategic management , Group work
Defence and Strategic Studies	Fundamentals of war and peace , art of warfare in India,	Principles of defence management, political

	World military history, Essentials of national security, International relations, international organisations, National security of India , Defence mechanism of India , Indian military operations,	science, principles of economics , peace studies Human rights criminology
Visual Communication	-	-
Home Science- Nutrition Food Service Management and Dietetics	Hotel House keeping Space designing Creative Art	Front office management Consumer Education Family Dynamics

b. Enrichment courses:

- Spoken English's classes are conducted to enhance the communication skills of the students.
- BSNL provided training to the students on the use and service of mobile phones.
- College offers Computer Literacy Program (CLP) for students other than Computer Science. The course covers the basics of Computers, Office automation products such as Ms Word, Ms Excel and Power point. The course also covers the basics of internet and creation of E-Mail. The duration of the course is six months. The certificate is issued by the Government of Tamil Nadu and the fee for the course is Rs 700/- only.
- Personality development programmes help the students to assess their strengths, weakness, opportunities and threats they are faced with.
- The department of Chemistry conducted enrichment programmes to enthuse and channelize the latent talent of the students to diverse domains such as atomic energy , non-conventional energy , global warming and forensic science
- Special lectures were conducted by the department of plant biology and biotechnology on vermitechnology, tree diversity of Chennai, profitable micro enterprise for youth and algae in daily life by the department of botany.

- Invited lectures on healthy adulthood and adolescence was organised by the department of Nutrition to create awareness among the faculty members as well as students on the need for health diets to maintain good health. These lectures also enriched the classroom learning experience related to subjects viz., diet therapy , community Nutrition and family meal management.
- Literature is often believed to be a mirror that reflects the social and political life of the society. Class, Caste and Gender are three important factors through which the society is perceived. To integrate such thoughts, literature is often read from such approaches. The department of English offers papers on Marxism and Gender Studies at both Undergraduate and Postgraduate levels. The papers on Marxism helps students understand class consciousness. The objective of Gender Studies is to introduce the students to a body of literary writing by women and help them appreciate women's perspectives on various human issues and attitudes to life's realities. A paper on Dalit Studies is introduced at the Postgraduate level. The course aims at sensitizing students in the history of anti-caste and anti-discrimination discourses along with Dalit's uprising in the literary, social and cultural spheres. All these courses cut across disciplines and cover a range of disciplines including history, sociology, ethnography, anthropology and literature.
- In order to enrich the students' knowledge gained through regular class room lectures, the department of Physics organised the following seminars and workshops
2010-2011
Seminar on "Astronomy – Myths & Reality" Sponsored by UGC & Science City, 21st July, 2010
Lecture on "Mechanical Universe" by R. SubbiahPandi, Associate Professor, Department of Physics, Presidency College, Chennai
Lecture on "Galileo – a revolutionary" by Dr. Murugan, Department of Physics, Vivekannada College, Chennai.
Lecture on "A journey to our Solar system and Beyond" by Mr. Vijayakumar, Member , Tamilnadu Astronomy Association, Chennai
- 2011-12
One day Seminar on "Astronomy" for School Students, 7th March 2012

A Lecture on “A Journey to our Galaxy” by Mr. Vijayakumar, Member , Tamilnadu Astronomy Association, Chennai

A Lecture on “Mystery of Astronomy” by Mr. Vinoth Kumar, Member , Tamilnadu Astronomy Association, Chennai

2012-13

One day seminar by Department of Physics Association – SPARKS, 14th February, 2013

Lecture on “Nanotechnology, Nanostructures, Nanocoatings, and Device Fabrications” by Dr. R. Jayavel, Director, Crystal Growth Centre, Anna University, Chennai.

Awareness on Organic Products by Mr. Arul, Proprietor, Organic Pasumaiyagam, Chennai.

2013-14

One day Seminar on “Man's place in the Universe” 28th January, 2014

Speakers: Dr. Ramesh Kumar and Mr, Vinoth Kumar, Member , Tamilnadu Astronomy Association, Chennai.

One day seminar by Department of Physics Association – SPARKS, 14th February, 2014.

Lecture on “Concept Development for Inspiring Innovations” Dr. S. Gunasekaran, Dean, St. Peter's University, Chennai.

2014-15

One day Seminar on “Astronomy” for School Students, 12th February, 2015

A Lecture on “A Journey to our Galaxy” by Mr. Vijayakumar, President, Tamilnadu Astronomy Association, Chennai

The department of commerce organised a programme on MICROFINCANCE and the speaker was from Reserve Bank of India.

The department of Economics conducted a seminar on “Recent trends in Indian Economy” as well as a seminar on Role of Higher education in India to help students gain more insight on these issues of great relevance ,

c. Courses offered in modular form-

All courses are offered in modular form only

d. Credit transfer and accumulation facility

Students from other Institutions can join UG/PG programmes of the same discipline with credit transfer. Recently, two students were selected for the semester abroad programme initiated by the government of Tamil Nadu where they spent one semester in a university at the United Kingdom. The credits obtained in those universities have been transferred to the credits of this institution

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

Lateral mobility

Lateral Entry is permissible from one College to another under the same University. If the students belong to other Universities, Eligibility Certificate is to be obtained from the University of Madras . The Students can continue the study even in case of break in study.

Vertical mobility

Students from under graduate courses can pursue higher education and opt for post graduate programs that they are eligible for. Students from other universities are also admitted after they obtain eligibility certificate from the University of Madras.

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

The college has so far not received applications from international students

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

No . The college does not offer dual degree and twinning programmes

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

No the college does offer self financing programmes

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

Yes the college has adopted choice based credit system and all the 15 UG programmes 8 PG programmes and 5 M. Phil programmes.

1.2.6 What percentage of programmes offered by the College follows:

Annual system- nil

Semester system- 100% of the programmes are offered under the semester system

Trimester system- nil

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

Interdisciplinary programmes pave the way for the entrepreneurial skill. It also strengthens and widens employable potentials. These programmes prepare the students to take career with diverse needs and undergo broad-based learning

Most of the interdisciplinary courses are linked with the allied papers offered in the college by various departments.

The programmes offered at present are

- Botany for students with Zoology and vice versa
- Mathematics for students with Computer Science and vice versa
- Chemistry for botany, zoology and Nutrition students
- Physics for Computer Science students
- Statistics for students studying economics and vice versa.

1.3 Curriculum Enrichment

1.3.1 How often is the curriculum of the College reviewed for making it socially relevant students and other stakeholders?

The curriculum is being revised once in three years depending upon the avenues of job perspectives and courses in emerging areas are introduced. With regard to the department of Zoology, Special papers in core subjects and optional /elective papers are introduced to provide opportunity to students to acquire theoretical and practical knowledge in the modern techniques. Acquaintance of knowledge in field of Aquaculture, Ornamental fisheries, Laboratory techniques, sericulture, apiculture, poultry management, vermiculture, organic farming, bio resource technology and Livestock management are emphasized . It helps to engage in critical analysis of contemporary issues of conservation of resources and to understand biodiversity approaches.

To make it more competent, the curriculum framed is reviewed by academicians from premier institute such as University of Madras and Anna University. In addition to this exercise, interface between the institution and industry as well as the service sector is organised. The observation and suggestions of the experts from these fields are incorporated into the curriculum design. This approach is adopted to ensure that the syllabus and curriculum is in synchronisation with current and emerging trends. With specific reference to the department of Chemistry, the experts from Chennai Petroleum Corporation Ltd (CPCL), Indra Gandhi centre for Atomic Research (IGCAR) have provided valuable suggestion in the curriculum design and development process

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

S. No	Year	Undergraduate courses	Post graduate courses
1	2011	B.A., Economics	M.A., English., M.Sc., Zoology and M.Com
2	2012	B.Sc., Physics, B.Sc., Statistics, B.A., Economics	M.Sc Computer Science and M.Sc Chemistry

3	2013	B.Sc., Plant Biology and Plant Biotechnology, B.Sc., Nutrition Food Service Management and Dietetics, B.Sc., Visual Communication, B.A., Defence and Strategic Studies,	M. A Economic M. Phil – Computer Science, Chemistry, Commerce, English and Zoology
4	2015	B.Sc., Psychology and MSW	M.S.W, Ph.D Computer Science and Commerce

1.3.3 What are the strategies adopted for revision of the ex and beyond the scanting programmes? What Percentage of courses underwent a major syllabus revision?

All courses undergo a major syllabus revision once in three years , Based on the feedback from students, stake holders , alumni and academicians from other college and universities ,new courses are proposed by the faculty and the proposal is presented to the Board of Studies for their suggestions and approval. It is then passed on to the academic council for approval and implementation

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

Extension Activities, On-the-Job training, Club Activities, Association Activities, Guest Lectures, Skill Training, Computer Literacy Programme, State government recognized Computer Literacy Programme, Career Enhancement Courses are the value- added Co-Curricular Programmes offered in the college with an aim to enrich the learning experiences of the student community. Further, holistic development of the students is ensured through courses on Value Education and Environmental studies which are mandatory courses available to all UG students.

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

The college does not offer any higher order skill development programmes.

1.4 Feedback System

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

The process of evaluation of curriculum will be incomplete without necessary reactions from the students, subject experts, future employers and the society at large. The success of an educational endeavour lies in the positive feedback from the students. Feedback aims at restructuring and refining the curriculum if necessary.

Feedback from students is obtained through a well-structured proforma that includes all aspects such as course content, teaching methodology, infrastructure facilities, evaluation process, mentoring and internships offered. Students are asked to indicate their views in the prescribed proforma. The feedback and suggestions are discussed by the faculty and necessary action is taken.

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

In order to ascertain the adequacy and relevance of the curriculum, feedback from the stakeholders such as employers and alumni, is obtained once in a year. Lacunae, if any, are discussed in the college academic committee and the same is conveyed to the University for necessary action. For example, the need to introduce project work for PG students of the department of Chemistry and Zoology was brought to light and has been implemented.

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

- The Curriculum Development Cell (CDC), a body of subject experts, helps revamping the curriculum for quality enhancement.
- Board of Studies and Academic Council ensure quality enhancement.
- IQAC has been organizing Faculty Development Programme each year to enhance the professional competency and teaching pedagogy of the Internal Quality Assurance Cell (IQAC) functions actively to improve the academic and administrative performance of the

institution. The IQAC periodically organises seminars and workshops for faculty on quality enhancement and sustenance in higher education. The IQAC has a student feedback component which enables students to give their views on all aspects of campus life viz., the course, the teaching methodology, mentorship, infrastructure etc.

- Strict adherence to TANSCH (Tamil Nadu State Council for Higher Education) rules and Academic Audit report leads to sustenance and quality enhancement. The TANSCH give more emphasis to revising the curriculum with a focus on need based courses and current trends. It also encourages the introduction of Inter Disciplinary Courses, Job oriented Courses and Skill bases Courses. The need for introducing extension programmes with social relevance is reiterated and implemented in this institution .Further, introduction of Credit based system providing flexibility to the students to study the subjects of their choice of interest is another means towards quality enhancement. Apart from these, the semester pattern of study , continuous internal assessment and credit/ grading system which is adopted as per TANSCH guidelines ensure Quality sustenance and quality enhancement.

Criterion II

TEACHING - LEARNING AND EVALUATION

CRITERION II: TEACHING – LEARNING AND EVALUATION

2.1 Student Enrolment and Evaluation:

2.1.1 Publicity and transparency in the Admission process:

The institution ensures adequate response from the public for admission through Admission prospectus and college website.

Information Brochure: The Institute's Brochure containing information on various courses offered and their career prospectus and eligibility requirements which, provides guidelines for admission seeking candidates and their parents.

The Institute strictly adheres to the norms of State Government of Tamil Nadu and its affiliating University, University of Madras for admitting students. Seats allotted through counselling. Complete transparency is maintained in its admission process.

2.1.2. Process of Admission:

The college strictly follows the norms and guidelines prescribed by the Government of Tamil Nadu. The students are selected for admission to various courses at U.G and P.G level through counseling. Marks secured by the candidates in subject concerned in Higher Secondary for UG courses and Part III marks in degree courses for PG courses are the main criteria for admission.

The college conducts entrance test and interview for the admission to M.Phil and Ph. D courses.

Counseling system is adapted for admission process. This enables the students to specify their preferences for subjects which they seek through a single application. This counseling system has made the process of admission much simpler and quicker.

M.Phil and Ph.D:

Departments	Procedure followed
Computer science	M.Phil: Marks obtained in the PG degree and entrance examination. This policy is based on the University of Madras and the reservation policy is as per Govt. of Tamilnadu. Ph.D: As per the guidelines of University of Madras. Admission will be made in the months of January, April, July and October.
Chemistry	M.Phil (Chemistry) courses are made strictly in accordance with the admission guidelines laid down by the State Government and the Directorate of Collegiate Education, and in accordance with the reservation policy.

Commerce	M.Phil and Ph.D. admissions are adhered by the norms set down by the University of Madras
English	M.Phil (English) courses are made strictly in accordance with the admission guidelines laid down by the State Government and the Directorate of Collegiate Education, and in accordance with the reservation policy.
Maths	Ph.D admission as per the guidelines of University of Madras.
Zoology	M.Phil: As per University eligibility criteria / government norms Ph.D: Recognition and Affiliation pending

2.1.3 Mechanism to review Admission process and Student profiles.

Admission Process:

- A customized admission software package has been developed to facilitate the admission process. The College has adopted the following admission process that ensures transparency.
- The college forms Admission Committee in accordance with the norms of Government of Tamilnadu every year to do the admission process.
- The Committee decides the Counselling date and time for each and every course. The date is mentioned in the Prospectus in order to enable the candidates to attend the Counselling on time.
- Receiving of applications after the Publication of results of qualifying examinations.
- Data entry of the applicant's details.
- Generation of rank list as per the guidelines of the Govt of Tamilnadu.
- The course wise counselling makes the entire Admission process very smooth and transparent.
- Verification of the original documents on the counselling date.
- Payment of fees and student enrolment.

2.1.4. Strategies adopted to increase / improve access to students belonging to the categories of SC / ST, OBC, Women, Different categories of persons with disabilities, economically weaker sections and outstanding achievers in sports and extracurricular activities.

College strictly follows the Tamil Nadu Government norms to implement the reservation policy and access to disadvantaged community (SC,ST, BC and MBC), different categories of persons with disabilities and athletes and sport persons. Government has reserved 69% for disadvantaged communities (30% for BC, 20% for MBC, 18% for SC and 1% for ST). Muslims belonging to Backward communities are given 3.5% of reservation within the reservation of BC (Backward Community) and 3% of reservation is for Scheduled Caste Arunthathiar within the reservation of SC.

The 3% of sanctioned strength is allotted each for the children of Ex-service man, differentially abled candidates and the achievers in sports. There are many scholarships sponsored by government to enable the marginalized (SC, ST) and persons with disabilities to pursue higher education.

2.1.5. Number of students admitted in the college in the last five academic years

Categories	2010 – 2011	2011 - 2012	2012-2013	2013-14	2014-2015
SC	148	204	252	376	364
ST	2	10	22	13	16
BC	135	154	187	245	269
MBC	95	94	112	148	174
GENERAL	15	20	17	22	17

2.1.6 Demand ratio for the various programmes offered by the college

Since the college followed the single window system as per the instructions of **Govt. of Tamil Nadu, student can use the single application form with choices of courses.** So, there are only two categories of application forms namely Arts and Science. Students applied for Arts and Science is eligible for Literature.

Total Applications received for the various UNDER GRADUATE COURSES for the past Five Years.

PROGRAMMES	YEAR	TOTAL NO . OF. APPLICATIONS RECEIVED
U.G. Arts	2010-2011	387
	2011-2012	834
	2012-2013	695
	2013-2014	946
	2014-2015	1201

U.G. Science	2010-2011	477
	2011-2012	842
	2012-2013	702
	2013-2014	966
	2014-2015	1242

Demand Ratio for the UNDER GRADUATE COURSES under single window system

PROGRAMMES	YEAR	NO . OF. APPLICATIONS RECEIVED	NO.OF . STUDENTS ADMITTED	DEMAND RATIO
SCIENCE COURSES				
MATHEMATICS	2010-2011	477	45	1:10
	2011-2012	842	48	1:17
	2012-2013	702	42	1:16
	2013-2014	966	42	1:23
	2014-2015	1242	48	1:25
CHEMISTRY	2010-2011	477	48	1:9
	2011-2012	842	48	1:17
	2012-2013	702	48	1:14
	2013-2014	966	58	1:16
	2014-2015	1242	48	1:25
ADVANCED ZOOLOGY	2010-2011	477	48	1:9
	2011-2012	842	48	1:17
	2012-2013	702	48	1:14
	2013-2014	966	50	1:19
	2014-2015	1242	48	1:25
COMPUTER SCIENCE	2010-2011	477	30 + 30	1:7
	2011-2012	842	30 + 30	1:14
	2012-2013	702	30 + 24	1:13
	2013-2014	966	30 + 30	1:16
	2014-2015	1242	30 + 30	1:20
PHYSICS	2012-2013	702	25	1:28
	2013-2014	966	55	1:17
	2014-2015	1242	48	1:25
PLANT BIOLOGY AND PLANT BIOTECHNOLOGY	2013-2014	966	14	1:69
	2014-2015	1242	40	1:31
STATISTICS	2012-2013	702	13	1:54

	2013-2014	966	21	1:46
	2014-2015	1242	24	1:51
NUTRITION AND DIETETICS	2013-2014	966	4	1:241
	2014-2015	1242	23	1:54
VISUAL COMMUNICATION	2013-2014	966	36	1:26
	2014-2015	1242	40	1:31
ARTS COURSES				
ENGLISH	2010-2011	864(477 +387)	70	1:12
	2011-2012	1676(842+834)	70	1:23
	2012-2013	1397(702+695)	70	1:19
	2013-2014	1912(966+946)	70	1:27
	2014-2015	2443(1242+1201)	70	1:34
COMMERCE	2010-2011	387	140	1:2
	2011-2012	834	140	1:5
	2012-2013	695	140	1:4
	2013-2014	946	140	1:6
	2014-2015	1201	140	1:8
B.B.A	2010-2011	387	50	1:7
	2011-2012	834	50	1:16
	2012-2013	695	50	1:13
	2013-2014	946	65	1:14
	2014-2015	1201	65	1:18
ECONOMICS	2010-2011	387		
	2011-2012	834	06	1:139
	2012-2013	695	42	1:16
	2013-2014	946	60	1:15
	2014-2015	1201	70	1:17

P.G.COURSES

DEPARTMENT	YEAR	APP.RECEIVED	NO. ADMITTED	DEMAND RATIO
ECONOMICS	2013-2014	10	04	1:2.5
	2014-2015	20	13	1:1.5
CHEMISTRY	2012-2013	62	18	1:3
	2013-2014	65	22	1:3
	2014-2015	63	20	1:3
COMMERCE	2011-2012	70	12	1:5
	2012-2013	64	23	1:2.5
	2013-2014	72	27	1:2.5
	2014-2015	75	20	1:3.5
COMPUTER SCI.	2012-2013	33	20	1:1.65
	2013-2014	35	20	1:1.75
	2014-2015	33	20	1:1.65

ENGLISH	2011-2012	7	5	1: 1
	2012-2013	56	40	1: 1
	2013-2014	69	40	1:2
MATHS	2010-2011	30	24	1:1
	2011-2012	50	21	1:2
	2012-2013	65	25	1: 2
	2013-2014	98	39	1: 2
	2014-2015	74	25	1: 3
ZOOLOGY	2011-2012	15	12	1:1
	2012-2013	19	15	1:1
	2013-2014	26	18	1:1
	2014-2015	20	09	1:2

M.PHIL COURSES

DEPARTMENT	YEAR	APP.RECEIVED	NO. ADMITTED	DEMAND RATIO
CHEMISTRY	2013-2014	5	4	1:1.25
	2014-2015	12	8	1:1.5
COMMERCE	2013-2014	65	12	1:5
	2014-2015	70	12	1:5.5
COMPUTER SC.	2013-2014	12 + 14	8 + 2	1:1.5 and 1:7
	2014-2015	39	8	1:4
ENGLISH	2013-2014	18	12	1:1.5
	2014-2015	19	6	1:3.1
ZOOLOGY	2013-2014	14	08	1:1.75
	2014-2015	15	08	1:1.875

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

No.

2.2 Catering to Student Diversity

2.2.1 Orientation/induction programme for fresher's

- To ensure an easy transition for the students from school to college life, a one day Orientation programme is organized for the fresher's by the college. The programme, gives the new students insights into the ethos of the institution, its curricular structure, elective courses options, training programmes such as NCC, NSS, Games, Student's union activities and infrastructure available on campus.
- The rules and regulations regarding pattern of examination, continuous internal assessment and attendance requirements are informed to the students.
- They are given an orientation on the library- the resources available there, process and procedures for the use of library and other regulations.

- The students are also made aware of the scope of the course and placement opportunities after the completion of the course.

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

Few of the students admitted hail from rural areas and have completed their school education in the regional language (Tamil Medium). Senior professors and tutors-in charge address the students to acquaint them with academic and non-academic programmes in College.

2.2.3 Communication Skills /Remedial / add – on courses

- Yes. The College provides Communication Skills, Remedial and add – on courses.
- CLP-(Computer Literacy Program) is conducted by the Department of Computer Science to introduce computer knowledge for the non-Computer Science student from various departments.
- The college offers special classes for the slow learners in order to make them understand the subjects thoroughly and clearly.
- The effective functioning of the Tutor Ward system ensures guidance / counselling and monitors the individual progress of the student.
- Apart from regular remedial classes, special Remedial classes are also conducted for SC, ST and MBC students under State allotted funds.

2.2.4. Study on incremental growth of different categories of students

- The college makes every possible effort to make sure that the needs of differently abled students are met. Visually challenged students are given extra care and attention by the course teachers to enable them to learn better and perform well. Scribes are assigned during tests and examinations.
- Income Certificates from economically backward students are collected at the time of admission so to examine the authentic need for scholarship and grant the same.
- Slow learners are identified through the tutorial system. Repeated tests are conducted to make them through with the subjects.

2.2.5. Respond to the learning needs of advanced learners

- Advanced learners are identified through tests, seminars, debates and assignments. In order to help the advanced learners to improve their aptitude and other talents, they are encouraged to take part in various inter and intra college competitions.

- The advanced learners are motivated to take care of the slow learners by organizing them into a small study groups. They are encouraged to study the advanced books to enrich their knowledge.
- Coaching for NET / SLET and Entry into Services are also provided to the advanced learners.

2.2.6 Catering the needs of differently-abled students

- Reservation is strictly followed to provide admission to the differently abled students. The differently abled (visually challenged and physically challenged) students are given special attention by providing them learning aids with the help of NGOs and the students are encouraged to participate in various orientation programmes conducted in professional organizations.
- Special care is given to the differently abled students by the class tutors.
- Remedial classes are offered for slow learners.
- Collaborative learning process, tuning the slow learners with the advanced learners.
- Amount released towards HEPSN (Higher Education for Persons with Special Needs) by the UGC. This amount is used for:
 - a. Helping visually challenged students to procure audio facilities
 - b. Arranging volunteers for reading sessions and helping them in their learning process.

2.3 Teaching – Learning Process

2.3.1 Way of planning and organizing the teaching and learning evaluation schedule.

- At the commencement of the academic year, the institution prepares the general teaching schedule. The individual departments prepare their weekly timetable evenly distributing the teaching hours among the staff apart from the allotted library supervision, research guidance, ward counselling hours etc.
- As per UGC norms every teacher is assigned 16 hours of work per week. This includes practical sessions for science faculty. If the departments have inadequacy in staff strength, the excess work is distributed to the existing staff. The remaining hours are allotted for preparation, correction and administrative work.
- The academic year in the college is comprised of two semesters: the first semester from June to October and the second semester from November to April.
- The number of actual working days is as per calendar in an academic year, at 5 hours per day comprising a minimum of 90 days per semester.

- The College annually publishes a **Hand Book cum Academic Calendar** containing the relevant information regarding the teaching learning schedule, holidays, dates of internal examinations, the pattern of questions under CBCS system for both U.G and P.G, the evaluation methods, papers offered under Non Major Elective, various scholarships, fees structure and other reforms etc.

Evaluation blue print:

The students' academic progress is monitored regularly by adopting the strategy of continuous internal assessment, test, seminars, assignments, attendance and semester examination. 25% of marks are assigned for continuous internal assessment and 75% is for Semester examination.

- The Continuous Internal Assessment is made under the following heads –
Assignment (two) :10 Marks Each
Internal Test (two): 20 Marks Each
Model Examination: 40 marks
Total score for 100 marks is converted for 25 marks

The method of evaluation followed in the Semester examinations:

- i) UG – Single valuation completely by external examiners.
- ii) P.G - Double valuation by both external and internal examiners.
- iii) M.Phil - Double valuation by both external and internal examiners.

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

Yes. Course schedule and course outlines are provided before the commencement of the academic session so that students can prepare during the holidays.

2.3.3 Courses which predominantly follow the lecture method and other methods of learning experiences provided to students.

Teaching – learning modalities vary across the spectrum of programs and courses of the institution. The primary mode is lecturer method and the classes are supported by interactive sessions such as group discussions and presentations.

Depending on the course objectives and the needs of the learner groups, methodologies are adopted to enable learner- centric approach. ICT enabled methodologies bring in another facet of learning experience which is essential for the students to compete in a technology dependent environment.

The lecturer cum demonstration method is supported and strengthened by the following supplementary approaches.

- Problem solving

- Power point presentations
- Case studies
- Guest lecturers by experts in the field.
- Demonstration using models
- Study tours, field visits and industrial visits
- Seminars
- Group discussions
- Virtual class rooms – online academic discussions and lectures, etc.

Teaching aids include:

- SMART boards,
- OHPs
- Language labs equipped with relevant software.

Details of the Off - learning techniques followed in the various departments are as follows;

Name of the Department	Name of the subject	Off-learning experience
Chemistry	PG Computer for Chemists	C-Programming simple application to chemistry such as Bohr radius, Average RMS velocity, pH of buffer solution using Henderson equation and Least square fitting all these were given as practical work in computers to feel hands on training to students. Models of molecules were discussed to give an insight experience to solve problems in group theory and stereochemistry paper.
Computer Science	All Subjects	System based demo on LCD projector and Lecture method is used
Maths	Mathematics	Lecture method alone is followed for both B.Sc Maths and M.Sc Maths
Physics	All Subjects of Physics	Computer Aided Learning (Internet, Power Point Presentations) is provided for further learning. Students' participation in symposium/seminar (conducted by the college & other institutions). Class room presentation and term tests. Group Discussions and Seminars Organizing Seminars /extension lecture by experts in their respective fields to share their knowledge with students
Botany	Mushrooms, Horticulture Mycology	LCD

Visual Communication	Drawing Photography	Outdoor Drawing and Outdoor Shooting
Statistics	Introduction to statistical packages	Audio-visual method followed
N & D	Food Science, microbiology Front office management Dietetics, Family meal management Textiles Diet therapy Catering Management Sports Nutrition	Lecture Method Off the Job training provided
BBA	Entrepreneurial Development Human Resource Management Marketing Management Advertising Fundamentals	Organizing Ed- Bazaar Group Discussions and Mock Interview Promoting Products/ Services Developing Ads and posters
Commerce	Corporate Accounting Cost Management and other accountancy papers Banking, Human Resource Management and other theory papers	Problem solving method Problem solving using chalk and Board Using Board and Power point presentation method.
Economics	Micro Economics, Statistics, Fiscal Economics	Power point presentation/LCD Projection
English	All Major and Allied Papers follow lecture method	The PG students undergo an internship for ten days in the third semester. This gives them an opportunity to get associated with various organizations. Soft Skill is taught in the English Language Lab using the software like Issues in English. Apart from the usual chalk and talk method, PowerPoint presentations are given. Text based movies are also screened.
Tamil	All Tamil papers	Group Discussions and Seminars

2.3.4 Student-centric learning and a list of the participatory learning activities adopted by the institution, which contribute to self-management of knowledge development and skill formation.

Learning is made student centric by the teacher who enlighten them about the prescribed syllabus and give them wider perspective about the subjects through a series of lectures. This is followed by student centric activities like,

- Preparation of assignments
- Seminars
- Report writing
- Group discussion
- Educational Field Trips
- Screening of documentary films
- Displaying models and charts
- Books and journals are recommended in the syllabi for further reading
- Apart from these, guest lecture is organized at the department level by inviting Subject Experts. Students are motivated and encouraged to interact with the Subject Experts to gain rich knowledge and clarify their doubts on their subjects.
- The college has been making sustained and continuous effort to improve the teaching learning methodology by using Participatory Learner Centred pedagogy like Project Work, Field trips, seminars, Quizzes, contribution in College Magazine, Assignments, Computer and Web based learning etc.
- The students can also avail computer training and training on soft skills under Skill Based Elective Programmes.
- Experiential learning by way of projects undertaken by students with Industries and corporate institutions.
- Internships in reputed institutions and corporate offices.
- In addition, activities that are directly linked to the idea of nation building are also encouraged on campus. In order to enable the students to appreciate the culture and tradition of our country and help them become responsible citizens, the college encourages celebrations like Pongal, Republic day, Independence day, Women's day and environment day.

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

Every department has its own Departmental Association. Through these associations, programmes like debate, various cultural events and competitions, lectures, seminars etc are conducted in the departments. As a part of the association activity the department can organize seminars and lectures and invite experts and people of eminence to provide lectures to the students.

This enables them to keep pace with changing trends in the field of higher education and motivates students to attain higher levels of academic performance.

Guest lectures & workshops organized by different departments

Department	2010-11	2011-12	2012-13	2013-14	2014-15
TAMIL	2	2	3	3	2
ENGLISH			1	1	1
MATHEMATICS	1	1	1	1	1
PHYSICS	4	2	2	2	4
CHEMISTRY		1	1	1	2
PLANT BIOLOGY AND PLANT BIOTECHNOLOGY	-	-	-	03	01
ADV. ZOOLOGY	-	-	-	1	1
COMPUTER SCIENCE	1	1	1	2	3
COMMERCE	1	2	3	9	1
ECONOMICS	-	1	1	1	1
STATISTICS			1	1	1
BUSINESS ADMINISTRATION	1	6	4	4	05
NUTRITION AND DIETETICS	-	-	-	-	4
VISUAL COMMUNICATION	-	-	-	5	2

2.3.6 Latest technologies and facilities used by the Faculty for effective teaching

For effective teaching the following modern teaching aids are used in the class rooms are

- Computer
- LCD Projector
- OHP
- C D player.
- Laptop
- Smart Class room
- Under Tamil Nadu Students Welfare Scheme all the U.G students are given laptop to facilitate effective learning enable easy access to internet. Considering the fact that a large percentage of our students are from poor socio-economic background, the laptops give them an opportunity to use the computer for preparing their assignments; they also become conversant with power point presentations.
- Students are motivated to collect resources related to their subject from the resources.
- As a part of mobile education, the students are taken on Industrial visits, educational tours, etc.

2.3.7 Provision for the services of counselors / mentors / advisors for each class or group of students for academic, personal and psycho-social guidance

- A Special Cell for Students' Career and Counseling has been functioning in this college from. This cell is comprised of the college Principal and senior faculty members. Socio-psycho counseling to the needy students are provided regularly in order to help them deal with their academic and personal problems.
- **Tutor System** : Each class is allotted a Tutor assigned with the following responsibilities
 - a. Maintenance of attendance registers and Ward/Mark register.
 - b. Personal counselling and academic guidance are provided to the wards.
 - c. Awareness about job opportunities and higher learning is created among wards.
 - d. A tutor will take care of the academic needs of the students in a class as well as look into the attendance, punctuality, conduct and academic performance of them. The grievances of the students, if any, in these areas will be addressed. The Tutor will also inform the parents about the wards whenever necessary.
- Tutors Name List for the Academic Year 2014-15 are as follows.

Name of the Department		Name of the Tutor		
		I-year	II-year	III-year
U G	Zoology	Dr.R.Saravanan& Dr. K.Swamiappan	Dr.GladisHelenhepsiba & Dr.N.Thirunavukarasu	Prof. K Kannan& Prof.I.Malaichelvi
	Chemistry (E &T Medium)	Dr.S.Shanmuga Sundari Ms.S.Anandhi	Dr.G.Ramachandran Ms.T.Gayathri	Dr.S.Vidya Dr.L.Lakshmi
	Maths	Mrs. D. Kalpana Mr. O.S. Babu	Mrs. J. Desdemona Kirubavathi Dr. G. Palani	Mr. A. R. Ragavan Mr. K. Saravanan
	Comp.Sci	Mr.N.Maruthachalam	Dr.K.Shymala	Dr.M.Suriyakala
	Physics	Dr.T.Ravishankar Dr.A.C.Ganesh Kumar	Dr.Sekar Mrs.S.Saradha	Mrs.PR.Kanimozh i
	Botany	Dr.Balaji.P	Dr.G.Sampath Kumar	-
	Vis Comm	Mr.Raju	Mr.Devendran	-
	Statistics	Mrs.D.Sarala	Mrs.R.LakshmiPriya	Mrs.K.Gokila
	N & D	Dr.Anna	Dr.Anna	-

	BBA	Ms.Monisha	Dr.P.Murugesan	Mrs.N.Ananthi
	Commerce	Dr.N.Bharathidasan	Dr.S.Bama	Mr.V.Ravichandra n
	Economics	Prof. L. Clement Baskar	Dr. P. Jeevarathinam	Mr. R. Sundaramurthy
	Defence	Dr.Murali	Dr.Murali	-
	English	Mrs.B.Ananthalaksh mi	Mr.S.Alexander	Mrs.SrilakshmiPri ya
P G	Chemistry	Dr.G.Ramesh	Dr.S.Manivannan	
	Maths	Mr.K.Thulukanam	Mr.M.K.Purushoth Kumar	
	Zoology	M.Sasilkala	Prof. Mathuram	
	Comp.Sci	Mr.Sekar.G	Mrs.N.Vanitha	
	Commerce	Dr.M.Kesavan	Dr.J.Jeyakumar	
	Economics	Dr. A. Vijayakanth	Dr. C. Theerthalingam	
	English	Dr.A.Sudha	Mrs.S.SavithaBhuvaneshwari	
M.Phil	Comp.Sci	Dr.A.Murugan		
	English	Mrs.Ananthalakshmi		
	Commerce	Dr.V.Selvanathan		
	Chemistry	Dr.R.Ravichandran		
	Zoology	Dr. T.Kumaran		

2.3.8 Innovative approaches, methods and practices adopted in teaching by Faculty:

- Introduction of LCD facility as the method of teaching approach has made the students to initiate innovative thinking of subjects, because the display of facts, figures and diagrams has given them an imperative impression in their minds which leads to long lasting memory of what they see and learn.
- PowerPoint Presentation, Language lab, virtual classroom, helps the students to complement their learning.
- Participation in state, national level workshop/training/seminar/conference also reinforces the teaching.
- Poster, Paper, dramatic and Model presentation, Slides are also used.

- Adaptation of plays and fiction through CD films are shown apart from classroom lectures.

Innovative approaches followed by the faculty across the various programmes are as follows.

Name of the department	Innovative method followed
Zoology	• Content / knowledge management • Selection, development and use of enrichment materials • Assessment, teaching learning material development • Head of department provides informal orientation to staff. • Use of audio visual aids / multimedia etc –CD demonstrations-Virtual Teaching
Chemistry	• Audio visual teaching aids were used. • Book scanner • LCD Projector were used • New concepts, topics relevance to society were discussed using Internet tools.
Maths	• LCD Projector is used to handle classes. • Students are permitted to present their seminar using LCD projector. • Teaching aids like charts, models are also used to enhance the teaching/learning experience. • Periodic group discussions, interactive sessions on problem solving are arranged.
Comp. Sci.	• LCD Projector is used for the students to handle practical based classes. Students are permitted to present their project presentation using LCD projector. • Teaching aids like charts, models are also used to enhance the teaching/learning experience.
Physics	• Innovative teaching methods have been adopted by the faculty to boost the capacity to learn and to teach meaningful application of knowledge to young minds. • The department encourages the faculty to complement the academic system with practical skills through various teaching methodologies that extend beyond the classrooms. • Power Point Presentations and use of internet to make teaching-learning more interactive and interesting. • Seminars organized. • Hands-on work experience in almost all the practical subjects are integrated into the academic agenda. • Help of models and experimental kits is taken to explain certain

	concepts. • Feedback on lectures obtained by faculty members from students • Students are allotted topics to prepare power point presentations and class seminars are held. • To encourage the visit to library, students are also given assignments which they complete using books from library. • Supplementary classes are held for slow learners. • Teachers in their free periods are available in their departments so that students can discuss their individual subject problems.
Botany	• Power Point Presentations and use of internet to make teaching-learning more interactive and interesting. • Regional seminars organized Workshops and extension lectures by great scholars and subject experts. • Hands-on work experience in almost all the practical subjects are integrated into the academic agenda.
Vis. Comm.	• Power point Presentation • Using Audio Visual – Screening Movies.
Statistics	• LCD Projector is used
N & D	• Asst Professor, Sebastian of Chemistry department was invited to teach children biochemical pathways and nutrient use through the songs he composed .
BBA	• Power – Point Presentation • Group discussion • Role Play • Management Games • Student’s Presentation • Case Study • Seminars
Commerce	• Classes are undertaken with the help of LCD. This would give clarity on their learning. This would help them to present their seminar papers in other colleges without any difficulty. • The department of commerce has been regularly taken measures to improve the student’s performance by giving counseling individually. • The department keeps records of the students who have not qualified their semester exam and give them adequate remedial coaching after the class hours.
Economics	Using OHP, and LCD methods.
English	Soft Skill is taught in the English Language Lab using the software like <i>Issues in English</i> Apart from the usual chalk and talk method, PowerPoint presentations

	are given. Text based movies are also screened
Tamil	Chalk and Talk methods and Subject related charts.

2.3.9 Steps taken to nurture creativity and scientific temper amongst students:

- The college encourages the departments to conduct seminars and workshops, in which eminent scholars are invited to open students to a range of learning experiences that serve to instill creativity and a scientific temper.
- Departments also apply for grants for UGC sponsored research projects.
- The creativity of the students is kindled by encouraging them to write in the college magazine.
- Students are motivated to participate and present papers in national and international forum.

2.3.10 Students project- A part of academics:

- Faculty members are the guides for the Students Project work. They help the students in building rapport with the external agencies for collecting primary and secondary data for the research. The details of student's project are as follows.

Name of the dept	Year	No. of projects
Zoology	2010-11	
	2011-12	
	2012-13	10
	2013-14	11 / 5
	2014-15	15 / Ongoing course
Chemistry	NIL	
Maths	NIL	
Computer Science	Selvan D. Illayarasu II M.Sc, completed project and a cash award of Rs15,000 received from Tamil Nadu State Council for Higher Education (TANSCHE).	
Physics	NIL	
Botany	NIL	
Vis Comm	NIL	

Statistics	NIL	
N & D	NIL	
BBA	2010-11	50
	2011-12	50
	2012-13	46
	2013-14	50
	2014-15	49
Commerce	2010-11	
	2011-12	
	2012-13	12
	2013-14	23
	2014-15	27
Economics	2014-15	1
Defence	2014-15	1
English	2010-11	-
	2011-12	-
	2012-13	4
	2013-14	36
	2014-15	27

2.3.11 Efforts made to facilitate the faculty in computer handling.

Each department is provided with a computer with internet connectivity. As of now, all faculty members are computer literate and tech savvy.

2.3.12 Mechanism for evaluation of teaching staff by students:

The Internal Quality Assurance Cell monitors the annual evaluation of the teachers by students. A questionnaire is prepared and distributed to all the outgoing students to give their feedback on their teachers and course contents; this was done on a 4 point scale.

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

The College rarely comes across this challenge of curriculum within the planned time frame. When the necessity arises the faculty members conduct extra classes to complete the syllabus within the planned time frame.

2.3.14 Library resources augments teaching- learning process:

- Every department has a library and a teaching staff is in-charge of the library. It has sufficient number of text books and reference books as per the syllabi framed by them (both in English and Tamil).
- The college has a Central Library with a good number of books and back volumes of rare journals.

- When a new programme/course is launched the librarian ensures that resources are updated to suit the requirements of the new programme.
- The open access systems provides reading and reference facilities to faculty and students.

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

- a. The continuous assessment test is conducted thrice a semester by the subject teacher in- charge
- b. Assignments at the UG level and Projects at the PG level ensure Understanding of the subject based on which their internal assessment is made.
- c. Group Discussions, Seminars, Presentations, Role-play are assigned to the students to improve their interactive skill, which is also an essential part of internal assessment.
- d. Model Exams are conducted once in a Semester based on the pattern of Semester End Exam.

2.4. Teacher Quality:

2.4.1 Faculty strength of the college:

Following are the details of the Teaching Faculty sanctioned strength and existing staff members in the college.

S.NO	NAME OF DEPARTMENTS	SANCTIONED POST	NO. OF EXISTING STAFF	VACANCY POSITION
1.	TAMIL	3	3	Nil
2.	ENGLISH	10	10	Nil
3.	MATHEMATICS	11	11	Nil
4.	PHYSICS	12	9	3
5.	CHEMISTRY	15	15	Nil
6.	PLANT BIOLOGY AND PLANT BIOTECHNOLOGY	05	02	03
7.	ZOOLOGY	10	10	NIL
8.	COMPUTER SCIENCE	8	8	NIL
9.	COMMERCE	6	6	Nil
1.	ECONOMICS	7	6	1
11	STATISTICS	6	3	3
12.	BUSINESS ADMINISTRATION	2	2	NIL
13.	NUTRITION AND DIETETICS	3	1	2
14.	VISUAL COMMUNICATION	4	2	2

15.	DEFENSE STUDIES	2	1	1
	TOTAL	104	89	15

2.4.2 Selection of Faculty members

Dr. Ambedkar Govt Arts College is a government college; faculty is selected through Teachers' Recruitment Board of the Government of Tamilnadu.

2.4.3. Details of faculty members

Highest qualification	Professor		Associate Professor		Assistant Professor		Total
	Male	Female	Male	Female	Male	Female	
Permanent teachers	-	-					
D.Sc./D.Litt.							
Ph.D.			7	2	26	9	44
M.Phil.			5	3	15	19	42
PG			-	-	1	2	3
Temporary teachers							
Ph.D.							
M.Phil.					6	3	9
PG						3	3
Part-time teachers							
Ph.D.							
M.Phil.	-	-	-	-			
PG							
TOTAL			12	5	48	36	101

Two Departments, namely, Commerce and Computer Science have Shift II (Evening College) courses.

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

S.NO	NAME OF DEPARTMENTS	UGC-CSIR-NET	UGC-NET	SLET/SET	TOTAL
1.	TAMIL	-	-	-	-
2.	ENGLISH	-	4	3	7
3.	MATHEMATICS	-	-	9	9

4.	PHYSICS	1	-	1	2
5.	CHEMISTRY	-	2	1	3
6.	PLANT BIOLOGY AND PLANT BIOTECHNOLOGY	-	-	-	-
7.	ZOOLOGY	1	-	4	5
8.	COMPUTER SCIENCE	-	3	3	6
9.	COMMERCE	-	1	2	3
10.	ECONOMICS	-	1	1	2
11.	STATISTICS	-		02	02
12.	BUSINESS ADMINISTRATION	-	1	1	02
13.	NUTRITION AND DIETETICS	-	-	1	1
14.	VISUAL COMMUNICATION	-	-	2	2
15.	DEFENSE STUDIES	-	1		1
	TOTAL	02	13	30	45

2.4.5. Diversity in Faculty recruitment

S.NO	DEPARTMENTS	No. of faculty from Alumni of the College	No. of faculty from College within the state	No. of faculty from Other State	No. of faculty from abroad	Total
1.	TAMIL	-	3	-	-	3
2.	ENGLISH	1	8	1	-	10
3.	MATHEMATICS	-	11	-	-	11
4.	PHYSICS	-	9	-	-	9
5.	CHEMISTRY	-	15	-	-	15
6.	PLANT BIOLOGY AND PLANT BIOTECHNOLOGY	-	2	-	-	2
7.	ZOOLOGY	-	10	-	-	10
8.	COMPUTER SCIENCE	-	08	-	-	08
9.	COMMERCE	-	6	-	-	6
10.	ECONOMICS	-	6	-	-	6
11.	STATISTICS	-	3	-	-	3
12.	BUSINESS ADMINISTRATION	-	2	-	-	2
13.	NUTRITION AND DIETETICS	-	1	-	-	1

14.	VISUAL COMMUNICATION	-	2	-	-	2
15.	DEFENSE STUDIES	-	1	-	-	1
	TOTAL	01	87	1	-	89

Among the strong teaching staff, 1% are alumni of the college and 1% belong to other states. A large percentage 98 % of the faculty has had their education in other colleges within the state and some have been educated in other Universities within the State.

2.4.6 Qualified and competent teachers to handle all the courses for all departments.

All the departments have efficient, competent and qualified teachers to handle the courses. In the case of lack of adequate staff the entire academic work load is equally shared among the existing staff members.

Faculty members appointed during the last five years among the various departments are as follows

Name of the dept.	Year	Faculty appointed
Zoology	2010-11	-
	2011-12	1
	2012-13	-
	2013-14	-
	2014-15	-
BBA	2010-11	2
Computer science	2012-13	2
	2013-14	2
Physics	2010-11	2
	2011-12	-
	2012-13	3
	2013-14	3
	2014-15	-
Commerce	2011-12	4
	2012-13	1
	2013-14	1
Economics	2011-12	1
	2012-13	2
	2013-14	2
	2014-15	1
English	2010-11	2
	2011-12	-
	2012-13	4
	2013-14	1
	2014-15	-
Chemistry	2010-11	11

	2011-12	02
	2012-13	02
Vis. Comm.	2010-11	02
Statistics	2010-11	1
Maths	2010-11	4
	2011-12	1
	2012-13	-
	2013-14	-
	2014-15	1

2.4.7 How many visiting professors are on the rolls of the college?

Nil

2.4.8 Policies and systems available in the college to recharge teachers

- Teaching staffs are encouraged to avail FIP to do Ph.D.
- Teachers are eligible for 15 days of O.D (On duty). They can make use of this benefit to attend National/International Conferences/Seminars on On Duty (O.D).
- Teachers are also allowed to attend in-service training (Orientation/Refresher course) by availing special O.D in once in two years.
- Besides, the teaching staff can use their Earn Leave to attend National/International conferences.
- Encouraged to apply for Major and Minor research projects

2.4.9 Number of Faculty received awards/recognitions for excellence in teaching at the State, National and International level during the last four years.

NIL

2.4.10. Number of Faculty member undergone Staff Development Programmes for the last five years

S.No	Academic Staff Development Programmes	2010-11	2011-12	2012-13	2013-14	2014-15	TOTAL
1	Refresher Course	10	12	5	15	20	62
2	Orientation Programme	4	14	1	-	-	19
3	Staff Training Conducted by the College	0	-	1	-	-	1
4	Summer / Winter	6	8	3	3	7	27

	Schools, Workshops etc						
5	Faculty Improvement Program	-	1	2	6	-	9
6	Any other (NCC/NSS)	4	4	4	1	1	14

2.4.11 Percentage of the Faculty invited as Resource persons in Workshops / Seminars /Conference organized by the external professional agencies for the last five years.

Department	2010-11		2011-12		2012-13		2013-14		2014-15		TOTAL	
	National Level	International Level	National Level	International Level	National Level	International Level	National Level	International Level	National Level	International Level	National Level	International Level
Computer Science	1	-	-	-	1	1	-	-	1	-	4	-
Business Administration	-	-	-	-	-	-	-	-	1	-	1	-
Nutrition and Dietetics	-	-	-	1	-	-	-	-	-	-	-	1
Visual Communication	-	-	-	-	-	-	-	-	3	-	3	-
Defense Studies	1	-	-	-	-	-	-	-	-	-	1	-
TOTAL											9	1

Percentage of Faculty participation in external Workshops / Seminars /Conferences recognized by National /International and Professional Bodies Participation during the last five years. 10/89

- Total number of conference, seminars, workshops and training programmes attended by the faculty:

Department	2010-11		2011-12		2012-13		2013-14		2014-15		TOTAL	
	National Level	International Level	National Level	International Level	National Level	International Level	National Level	International Level	National Level	International Level	National Level	International Level
Tamil	-	-	-	-	2	1	-	-	-	1		

English	2	-	2	-	2	-	2	-	4	-	12	0
Mathematics	4	-	2	2	9	1	5	1	2	-	22	4
Physics	8	0	6	3	3	0	2	1	6	0	25	4
Chemistry												
Plant Biology And Plant Biotechnology	2	-	-	-	1	-	2	-	3	-	6	0
Zoology	16	2	3	1	11	1	8	1	5	-		
Computer Science											34	7
Commerce	18	5	22	2	15	3	17	3	12	2	84	15
Economics	-	-	-	-	-	-	-	-	1	-	1	
Statistics	--		-	-	-	2	-	1	2	-	2	3
Business Administration	2	2	2	2	2	2	3	2	2	2	13	10
Nutrition and Dietetics												
Visual Communication												
Defense Studies	1	-									1	-

Teaching staff teaching experience in other Universities

Tamil Nadu Teachers' Recruitment Board (TRB) recruits the teachers for Government Arts and Sciences Colleges. Teaching experiences in colleges and universities are given more weightage from 2007. Most of the teachers appointed before 2007 and all the teachers appointed after 2007 have teaching experiences in various private colleges of Tamil Nadu.

2.4.12 Frequency of organizing academic development programmes for its faculty, leading to enrichment of teaching – learning process

i) Curriculum Development:

For U.G and P.G, courses the departments concerned conduct the Board of Studies and Academic Council meet every year. While updating the syllabus, the current needs are taken into consideration. The autonomy has given full freedom to the departments for the revision and changes in the curriculum. Therefore, Soft Skill papers, Non-major subjects and Skill Based subjects are introduced under Choice Based Credit System.

ii) Examination Reforms:

The College uses its autonomy for examination reforms whenever required. The college follows the University of Madras and Choice Based Credit System is followed to award degree for the students.

2.4.13 Teaching innovation made during the last five years

- Under autonomy, academic council meetings are held whenever necessary, especially to frame and approve curriculum for new programs.

- Department level staff meetings are held to discuss the improvements to be made in teaching and learning.
- The BOS has been constituted in all the departments under the autonomous status of the college.
- Various departments follow curriculum implementation strategies like : Interactive sessions, Inter Disciplinary approaches, Audio visual means and Industrial visits.
- Introduction of IPA speech sounds for foundation English learners along with CDs.
- Introduction of Skill based courses which enhances employability and focus on experiential learning.
- ICT enabled teaching – learning processes.
- Renewed thrust on the study of basic principles underlying science practical's.
- Remedial coaching for slow learners.
- Catering to the needs of advanced learners through challenging participatory activities.
- Courses in value education to prepare students for personal effectiveness, family life and for living in peace and harmony in a pluralistic society.

2.4.14 Does the College have a mechanism to encourage

*** Mobility of faculty between institutions for teaching?**

*** Faculty exchange programmes with national and international bodies?**

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

NO.

2.5 Evaluation Process and Reforms

2.5.1 Evaluation processes that are operative

- The evaluation process is published in the college calendar and the tentative dates are also included.
- The details regarding the dates are put up in the Notice Board and circulated to the Heads of the departments and in turn the tutors intimate their wards.
- The College has a tutorial pattern where the tutors give necessary advice to their wards.
- The evaluation process includes Continuous Internal Assessment for 25% of marks and Semester examination for 75% of marks.
- Equal weightage is given for CA and ESEs
- Centralized conduct of two CA tests.
- All end semester theory examinations are for three hour durations.

- Single valuation completely by External Examiners is followed for UG Papers evaluation and for PG and M.Phil, double valuation by both internal and external examiners is in practice.

The UG and PG students are given grades as indicated below:

Conversion of Marks to Grade Points and Letter Grade (Performance in a Course/ Paper)

RANGE OF MARKS	GRADE POINTS	LETTER GRADE	DESCRIPTION
90-100	9.0-10.0	O	Outstanding
80-89	8.0-8.9	D+	Excellent
75-79	7.5-7.9	D	Distinction
70-74	7.0-7.4	A+	Very Good
60-69	6.0-6.9	A	Good
50-59	5.0-5.9	B	Average
40-49	4.0-4.9	C	Satisfactory
00-39	0.0	RA	Re-appear
ABSENT	0.0	AAA	ABSENT

‘C_i’ is the credit earned for the course *i* in any semester;

‘G_i’ is the Grade Point obtained by the student for the Course *i* and ‘*n*’ is the number of Courses **passed** in that semester.

Classification of Final Results can be done based on CGPA

CGPA	GRADE	Classification of Final Result
9.5-10.0	O+	First Class Exemplary

9.0 and above but below 9.5	O	
8.5 and above but below 9.0	D++	First Class with Distinction
8.0 and above but below 8.5	D+	
7.5 and above but below 8.0	D	
7.0 and above but below 7.5	A++	First Class
6.5 and above but below 7.0	A+	
6.0 and above but below 6.5	A	
5.5 and above but below 6.0	B+	Second Class
5.0 and above but below 5.5	B	
4.5 and above but below 5.0	C+	Third Class
4.0 and above but below 4.5	C	
0.0 and above but below 4.0	RA	Re-appear

Part I: LCs; **Part II:** ELCs and **Part III** CCs, ACs and ECs.

Candidates who pass all the examinations prescribed for the Course in the FIRST APPEARANCE ITSELF ALONE are eligible for Ranking/Distinction and the norms are followed as our parent university.

Grade in Part IV and Part V shall be shown separately and it shall not be taken into account for classification.

2.5.2 Major evaluation reforms initiated by the college

Choice based Credit System is introduced for both UG and PG courses. The evaluation has Internal Assessment and Semester Examinations.

The Continuous Assessment has been done by tests, assignments, seminars, so that the students browse the internet and learn other than their syllabus and improve their presentation skills.

Candidates are permitted to apply for revaluation after obtaining a photocopy of Answer Paper within 15 days from the date of publication of results.

A person failed in only one paper in any Semester of the course (UG and PG) is allowed to write the Supplementary Examination conducted within a month of the publication of results, and the results of Supplementary examination will be declared within ten days.

The examination system is completely computerized. Data entry of Examination Applications, Students data, Examination schedule, seating arrangement, Attendance Register, Central Valuation work, Results Board Meeting, preparation of course wise results, preparation of Marks Sheets, Revaluation and Supplementary examination results are computerized to ensure the effectiveness of the autonomous office.

Answer papers with security features which contain College logo with serial numbers are issued to the students. Marks sheets are issued to UG, PG and M.Phil students with security features.

2.5.3 Measures taken for continuous evaluation of students

- The Continuous Internal Assessment is made under the following heads :
Assignment (two) : 10 Marks Each
Internal Test (two): 20 Marks Each
Model Examination: 40 marks

Total score for 100 marks is converted for 25 marks.

- Only for extraordinary reasons, students who absent themselves are given a re-test.

2.5.4 Percentage of marks earmarked for Continuous Internal Assessment

Continuous Internal assessment is for 25 marks which is 25% of the total marks. The students are given many assignments and tests and the feedback is given to them. The weaker students are identified and given additional coaching. Remedial classes are given for weaker students.

2.5.5 Declaration of examination schedules

The College adheres to the examination schedule most times. In cases of strike and long holidays the College works extra hours to compensate for the loss of term days and the examinations are rescheduled in earlier possible dates.

2.5.6 Time taken by the college for declaration of examination results

The average time taken by the College for declaration of examination results is 6 weeks.

2.5.7 Integrated examination platform

- Pre examination process includes enrolment of students, preparation of nominal roll, generation of students list and Time table preparation.

- Attendance statement for examinations, invigilators list and duty allotment for squad members is done by the Autonomous office.
- Payment of examination fees is done in the bank account and the college.
- Question paper preparation and scrutiny of the question papers and the necessary materials for the conduction of the examination are prepared by the examination office.
- Entry of marks, preparation of mark sheets are done within the college and is not outsourced to maintain confidentiality.
- Tabulation registers are prepared and submitted to the University of Madras for the Degree certificates.

2.5.8 Ph.D Evaluation process

The Ph.D. evaluation is done by the University of Madras and has no processing in the College.

2.5.9 Efforts made by the college to streamline the operations at the office of the Controller of Examination

- The college has appointed a controller of Examinations and Additional Controller of examinations to streamline the operations of the office of Controller of Examinations. They are assisted by team of dedicated and reliable clerical and technical staff.
- The office has excellent infrastructure with high end computers, photocopying machine and printers which has streamlined operations and made the processes quicker and more efficient.
- To ensure efficient and quality printings RICOH and AFICIO printer are installed which has made Certificate preparation easier and prompt.
- College COE's office takes every possible care to prevent dilution of standards. No immoderate moderation is shown through default settings.

2.5.10 Mechanism for redressal of grievances with reference to evaluation

- After the release of the results, the students could apply for revaluation within 15 days and is done by External Examiners. The students can, on payment of a fee, obtain a photo copy of their answer sheets.
- Supplementary examination is conducted after one month of the publication of the result for the final year students who fail in one subject.

2.6 Student Performance and Learning Outcomes

2.6.1 Details of providing awareness to the staff and students related to its learning outcomes of its programme

- The staff members periodically attend the Refresher Courses to update themselves up to the industry standard.
- At the beginning of every academic year, Course teachers clearly explain course objectives and requirements in terms of tests, assignments and seminars and also the scheme of evaluation for their respective courses.

2.6.2 Measures taken to monitor and ensure the achievement of learning outcomes

- Besides internal and semester examination the students are encouraged to take part in various competition, debate, group discussion and seminars.
- The teachers are encouraged and motivated to use their skill and knowledge in teaching, restructuring the curriculum, participation in seminars / conference /workshop, publications etc.
- Remedial coaching helps learners achieve desired learning outcomes for slow learners.

2.6.3 Collection and analysis of data on student learning outcomes

- Data on student learning outcomes is collected based on the semester examination results, and CA. The teachers analyze the performance of the students and identify their learning problems. Various barriers arising from personnel, social and economic factors are identified and corrective measures are suggested in consultation with parents.
- Remedial courses are conducted for the weaker students in the respective departments to improve their performance.

2.6.4 Programme –wise details of the pass percentage and completion rate of students

Results of the various U.G ,P.G and M.Phil courses are as follows

2010- 2011

S. No	Department Name	U.G.			P.G.		
		No. Appeared	No Passed	Percentage	No. Appeared	No. Passed	Percentage
1	ENGLISH	70	32	46%			

2	MATHEMATICS	38	23	61%	13	8	61%
3	CHEMISTRY	40	28	70%			
4	ZOOLOGY	44	42	95%			
5	COMPUTER SCIENCE	53	51	96%			
6	COMMERCE	131	115	88%			
7	BUSINESS ADMINISTRATION	43	31	72%			

2011-- 2012

S. No	Department Name	U.G.			P.G.		
		No. Appeared	No Passed	Percentage	No. Appeared	No. Passed	Percentage
1	ENGLISH	70	25	38%			
2	MATHEMATICS	46	13	28%	19	14	74%
3	CHEMISTRY	42	17	40%			
4	ZOOLOGY	45	40	89%			
5	COMPUTER SCIENCE	54	39	72%			
6	COMMERCE	124	89	72%			
7	ECONOMICS	6	0	0			
8	BUSINESS ADMINISTRATION	47	33	70%			

2012- 2013

S. No	Department Name	U.G.			P.G.		
		No. Appeared	No Passed	Percentage	No. Appeared	No. Passed	Percentage
1.	ENGLISH	67	25	37%	5	2	5%
2.	MATHEMATICS	43	24	56%	19	15	43%

3.	CHEMISTRY	44	32	72.7%			
4.	ZOOLOGY	45	43	96%	10	9	98%
5.	COMPUTER SCIENCE	55	51	92.8%			
6.	COMMERCE	132	109	83%	12	9	75%
7.	ECONOMICS	49	10	23.8%			
8.	BUSINESS ADMINISTRATION	44	30	68.1%			

2013- 2014

S. No	Department Name	U.G.			P.G.			M.Phil		
		No. Appea red	No Passe d	Perce ntage	No. Appe ared	No. Passe d	Perce ntage	No. Appe ared	No. Passe d	Perce ntage
1	ENGLISH	69	27	69%	36	6	36%	12	8	67%
2	MATHEMATI CS	45	19	42%	19	16	84%			
3	CHEMISTRY	47	24	57%						
5	ZOOLOGY	45	38	84%	11	7	64%			
6	COMPUTER SCIENCE	58	47	81%	17	15	88.2%	8	8	100%
7	COMMERCE	130	98	75%	25	22	98%	12	8	66%
8	ECONOMICS	107	32	30%	1	1	100%			
9	BUSINESS ADMINISTRA TION	45	35	78%						

Criterion III

Promotion of Research

CREITERION –III - PROMOTION OF RESEARCH

3.1.1 Research committee to monitor and address the issues of research

The college has a Research Committee to encourage and support the teaching staff to take research projects. Principal and the senior faculty from Research Departments are the members of this committee. The research committee is in charge for the timely publication of the journal and promotes the departments to conduct the research activities. The major functions of the research committee are as follows:

- i) Providing information and research guidance to teaching staff about the various funding agencies
- ii) Encouraging departmental research activities
- iii) Motivating the language departments to do collaborative work in the field of translation.
- iv) Ensuring timely release of funds from the funding agencies to promote research activities. Allocate the major UGC funds for the research departments.

The Committee has recommended upgrading the P.G Departments to Research Departments. Based on this recommendation, five departments (Chemistry, Computer Science, Commerce, English, Adv. Zoology and Bio Technology) became research department since 2013.

3.1.2 Policy to promote research culture

The following are the distinct policies adopted by the college to promote research culture:

The College motivates the staff by permitting and providing incentives to the faculty to participate and present papers in Conferences/ Seminars/ Workshops in India and Abroad. The institution encourages the faculty to act as journal editors, research paper reviewers, invited speakers, keynote speakers, chairpersons for technical sessions and resource persons for refresher courses organized under the UGC sponsored programmes.

Staff are encouraged to avail the UGC sponsored Faculty Development Programme for their Ph.D work. They are provided O.D (On Duty) for paper presentation in seminars / conferences.

Whenever the college receives funds from UGC and Government of Tamil Nadu for conducting seminars and conferences, it is equally distributed among various departments for the purpose of organizing workshop / seminars.

The following are the number of research journals and online journals subscribed for promoting research

Sl.No	Department	International	National	On-Line	Total
1	Tamil	1	3	0	4
2	English		2		2
3	Business Administration	-	-	-	-
4	Commerce	-	5	-	5

5	Defense Studies	-	-	-	-
6	Economics	-	2	-	2
7	Adv. Zoology and Bio technology	1	3	NIL	4
8	Chemistry	-	-	-	-
9	Computer Science	0	5	12	17
10	Mathematics	0	1	0	1
11	Nutrition and Diets	-	-	-	-
12	Physics	-	-	-	-
13	Plant Biology and Bio technology	-	1	-	1
14	Statistics	-	-	-	-
15	Visual Communication	-	-	-	-
	Total	02	22	12	36

In this college, 5 out of 15 departments offer M.Phil programmes and 6 departments offers Ph.D. programme. Many departments offer research projects at the P.G. level.

Details of the faculty participation in Seminars / Conferences / Workshops

Sl.No	Department	International Conference	National Conference	Workshop/Seminar	Total
1	Tamil	1	2	2	5
2	English	34	7	5	46
3	Business Administration	05	10	06	21
4	Commerce	0	0	01	01
5	Defense Studies	-	-	-	-
6	Economics	9	9		18
7	Adv. Zoology and Bio technology	5	70	8	83
8	Chemistry	6	6	46	58
9	Computer Science	34	5	4	43
10	Mathematics	5	6	28	39
11	Nutrition and Diets	5	5	0	10
12	Physics	3	4	1	8
13	Plant Biology and Bio technology	-	-	6	6
14	Statistics	3	1	3	7
15	Visual Communication	1	2	4	7

3.1.3 Prioritized research areas and the areas of expertise available with the College.

Each department has its own prioritized research areas and areas of expertise. The details are listed below:

Sl.No	Department	prioritized research areas	areas of expertise
1	Tamil	-	-
2	English	English Language Teaching, Drama, Fiction.	Soft skills, Translation, Comparative Literature
3	Business Administration	-	-
4	Commerce	Marketing, Human Resource Management, Finance	Marketing, Human Resource Management

5	Defense Studies	-	-
6	Economics	Development Economics	Rural and Urban Development
7	Adv. Zoology and Bio technology	Aquaculture and Fisheries Environmental Toxicology Environmental Biology Crustacean Endocrinology	Fish nutrition studies, Fish landings, Microbiology of preserved fishes. Fish toxicology, Industrial waste Water analysis, Metal analysis Fresh and Marine water analysis, Plankton analysis Eye stalk ablation in crab- Physiological studies
8	Chemistry	Physical Chemistry Organic Chemistry Inorganic Chemistry	Electrochemistry Organic Chemistry Polymer chemistry Nano Chemistry Environmental Chemistry Physical chemistry Phyto Chemistry
9	Computer Science	Computer Networks Algorithms Data Mining Molecular Computation	Ad hoc Networks, Algorithm analysis, Apriori Algorithms, DNA Computing
10	Mathematics	Fluid Dynamics Operations Research	Computational Fluid Dynamics Scheduling
11	Nutrition and Diets	Adolescent health	-
12	Physics	Material science Nuclear physics Material science Solid state ionics –Science Biophysics & Bioinformatics – Molecular modeling Piezoelectric materials	Crystal growth Magnetism High pressure X-ray diffraction studies X-ray crystallography –Solid state ionics Drug design ,Crystal Growth
13	Plant Biology and Bio technology	Mycology and Lichenology	Mychorrizae and Lichens
14	Statistics	Multivariate Analysis	Data Mining
15	Visual Communication	Visual research	Photography, Film Studies

3.1.4 Proactive mechanisms adopted by the College to facilitate smooth implementation of research schemes / projects

Full autonomy is given to the principal investigator for utilizing over head charges. In major research project the principal investigator has full freedom to choose project investigators and field workers, assistants etc. based on the norms of funding agencies. The

principal investigator is responsible for timely auditing and submission of utilization certificate to the funding agencies through the Principal of the College.

3.1.6 Efforts made by the college in attracting researchers of eminence to visit the campus and interact with teachers and students

Every department has its own Association. As a part of association activities seminars/ lectures are conducted in the respective departments. For this the researchers of eminence are invited to interact with the teachers and students.

IQAC of the college is also involved in organizing lectures and inviting eminent resource persons to address the teaching staff on issues relating to 'quality' in higher education.

3.1.7 Utilization of sabbatical leave for research activities

The staff members are allowed to attend the international conferences availing leave on duty. The following staff members availed leave on duty to attend the international conferences.

3.1.8 National and international conferences organized by the College

The college has organized a number of UGC, NAAC, NHRC, etc., sponsored National Level Seminars and Conferences during the last four years. In addition to that various departments also conducted a number of seminars, training programmes etc by inviting eminent scientists and scholars from other states and abroad. The following eminent scientists and scholars participated as resource persons in these events:

Department	Date	Name [National/State] of the conference/Seminar and topic	Sponsoring agency	Name of the Scientist /Scholar/Chief guest
Comp. Science	Sep 19 th & 20 th	National Seminar on Big Data Analytics	UGC	Mr K. VIJAYA KUMAR Senior Engineer C-DAC (Centre for Development of Advanced Computing) Chennai – 113 viajyk@cdac.in
Mathematics	01.04.2015	Role of Computers in Mathematical Learning and Modelling	UGC	Dr. M. Subbiah, Asst. Prof. of Maths, L.N. Govt. College, Ponneri
Nutrition and Diets	-	Heath for all seminar – 2014	Marico PvtLTd	DrMeenakshi Bajaj, Chief Dietitian Multi Specilaity Hospital Chennai DrBalakrishnan, ESI Hospital Chennai Mrs. Purvi Varma, Dietitian , Marico Pvt Ltd

Statistics	04.03.13	Recent Trends in Statistics & Mathematics	UGC	Dr. V. Sampath Kumar
	25.02.14	Statistical Methods- The Gateway for Advanced Research	UGC	Dr. P. Venkatesan Scientist ' E' ICMR.

The Department of Computer Science, Dr. Ambedkar Govt. Arts College, Vyasarpadi, Chennai organized a two-day workshop on “Big Data Analytics” in collaboration with CSIR on 19/09/2014 and 20/09/2014. Around 65 participants have participated all over Tamil Nadu from various colleges like MOP Vaishnav College, Presidency College, Bharathi College for Women and Ayya Nadar College from Sivakasi and Universities like SRM, Bharathiyar, Alagappa etc. On 19th morning, **Mr. Ganesh Pandian Subramanian, Director – Projects from CTS** inaugurates the workshop and the sessions are handled by **Mr. Vijay Kumar, Senior Engineer, CDAC**. The hands on experience were given from morning 11 AM to 5PM. On 20th again the hands on experience were given from 9 30 AM to 4 PM, and the valedictory function was held at 4 PM. **Dr K S Easwarakumar, Professor, Computer Science and Engineering, Anna University** presides over the function and distributed the certificates for the participants.

3.1.9 College initiative in transferring/advocating the relative findings of research of the College and elsewhere to the students and the community

The Department of Botany has engaged with innovative methods of mushroom cultivation. The neighbor villagers are given training on the new technique of mushroom cultivation by the staff and students

3.1.10 Faculty actively involved in research (Guiding student research, leading research projects, engaged in individual or collaborative research activity etc.)

Sl.No	Name of the faculty	Department	No. Of Ph.D students guided	No. Of M.Phil students guided
1	Mrs.I Malai Chelvi	Adv. Zoology & Bio Tech	-	1
2	Mrs. M. Sasikala	Adv. Zoology & Bio Tech	-	1
3	Dr R.Saravanan	Adv. Zoology & Bio Tech	-	1
4	Dr Gladis Helen Hepsiba	Adv. Zoology & Bio Tech	-	1
5	Dr N.Thirunavukkarasu	Adv. Zoology & Bio Tech	-	1
6	Dr Anna RanginiChellappa	Nutrition and Diets	1	0
7	Dr A. Murugan	Comp. Science	3	11
8	Dr K. Shyamala	Computer Science	--	11

9	Mr N. Maruthachalam	Computer Science	--	1
10	Mr K. Radhakrishnan	Computer Science	--	1
11	Dr M. Suryakala	Computer Science	--	3
12	Mrs B. Jayapradha	Computer Science	--	1
13	Mr G. Sekar	Computer Science	--	2
14	Dr. V. Selvanathan	Commerce	8	16
15	Dr.M. kesavan	Commerce	-	2
16	Dr. J. Jayakumar	Commerce	-	6
17	Dr. S. Bama	Commerce	-	4
18	Dr. N. BarathiDasan	Commerce	-	6
19	Dr. R. Ravichandran	Chemistry	1	3
20	Dr. C. Srinivasan	Chemistry	-	1
21	Dr. R. Karthikeyan	Chemistry	-	1
22	Dr. S. Manivannan	Chemistry	-	9
23	Dr. P. Krishna Moorthy	Chemistry	1	0
24	Mrs. RevathySelvaraj	Chemistry	-	3
25	Dr . G. Ramachandran	Chemistry	-	3
25	Dr. G.Sampath Kumar	Plant Biology and Bio technology	1	2
27	Mr. M.Devendran	Visual Communication	0	2

Sl.No	Name of the faculty	Department	No. Of Ph.D students under the guidance	No. Of M.Phil students under the guidance
1	Dr. Ravichandaran	English	10	-
2	Mr. Sooryanarayanan	English	-	1
3	Dr. Srividya	English	1	3
4	Mrs. J.Jeeva	English	-	3
5	Mrs.Ananthalakshmi	English	-	3
6	Dr.Sudha	English	-	1
7	Mr. Alexander	English	-	1
8	Mrs. Srilakshmi Priya	English	-	1
9	Dr T.Kumaran	Adv. Zoology & Bio Tech	-	1
10	Dr K Kannan	Adv. Zoology & Bio Tech	-	1
11	Ms I.Malai chelvi	Adv. Zoology & Bio Tech	-	1

12	Ms M.Sasikala	Adv. Zoology & Bio Tech	-	1
13	Ms T. Mathuram	Adv. Zoology & Bio Tech	-	1
14	Dr K.Samyappan	Adv. Zoology & Bio Tech	-	1
15	Dr Gladis Helen Hepsiba	Adv. Zoology & Bio Tech	-	1
16	Dr N.Thirunavukkarasu	Adv. Zoology & Bio Tech	-	1
17	Dr A.Murugan	Computer Science	2	2
18	Dr K. Shyamala	Computer Science	4	2
19	Mr N. Maruthachalam	Computer Science	--	2
20	Mr K. Radhakrishnan	Computer Science	--	1
21	Dr M. Suryakala	Computer Science	4	2
22	Mr G. Sekar	Computer Science	--	1
23	Dr. S. Karthigeyan	Mathematics	3	0
24	Dr. G. Palani	Mathematics	4	0
25	Dr. V. Selvanathan	Commerce	6	3
26	Dr.M. kesavan	Commerce	3	0
27	Dr. J. Jayakumar	Commerce	2	0
28	Dr. S. Bama	Commerce	2	2
29	Dr. N. BarathiDasan	Commerce	0	2
30	Dr. A. Vijayakanth	Economics	3	0
31	Dr. R. Ravichandran	Chemistry	1	1
32	Dr. S. Manivannan	Chemistry	0	1
33	Mr. K. Chandrasekaran	Chemistry	0	1
34	Dr. P. Krishna Moorthy	Chemistry	2	1
35	Dr.T. K.Arumugam	Chemistry	0	1
36	Dr . G. Ramachandran	Chemistry	1	1
37	Dr. S. ShanmugaSundari	Chemistry	0	1
38	Dr. S. Vidya	Chemistry	0	1
39	Dr. L. Lakshmi	Chemistry	0	1
40	Mr. M. Raju	Visual Communication	0	1

About 40 (47%) of teachers are actively involved in guiding Ph.D and M.Phil students for research and 04 teachers are engaged in minor and major research projects.

Apart from guiding M.Phil. and Ph.D programmes, the staff members also guide students of UG and PG who undertake individual and group projects which are mandatory for the completion of the degrees. The students are also engaged in in-house and industrial projects during their study which are done under the supervision of the faculty members.

3.2 Resource Mobilization for Research

3.2.1 Percentage of the total budget is earmarked for research

The institutional budget has a provision for research and development. Around four percent of the total expenditure is allotted every year for promotion of research activities. English department has spent more than two lakhs for the improvement of research activities. Language learning software is newly purchased in a sum of one lakh. A laptop is purchased in the year 2012. All the language lab computers are upgraded in the year 2012. A home theatre and LCD projector is purchased in the year 2011. Purchased sophisticated technical goods for the language lab for listening skills (head sets and speakers) during the academic years 2012-2013, 2013-2014. Two air conditioners are purchased for the language lab in the year 2014. The language laboratory is revamped and completely renovated in the year 2014.

3.2.2 Financial provisions made in the College budget for supporting student research projects

Though there is no direct financial provision made in the budget for supporting student research, the following facilities are made available to support the student projects:

- Broadband internet facility
- Departmental libraries
- Online Journals and Open Source E-Books and E-Journals,
- Departmental computer with net facility
- Reprography facility

3.2.3 NA

3.2.4 Filing of patent rights and copyrights

The college is motivating the faculty to file for patents for their research outcome. So far, no faculty has availed this facility. However, many of the faculty members have published books with Copyright. The following are the books published by the faculty members during the last four years:

Sl.No	Faculty Name	Department	Book title	Publisher
1	Dr.K.Shyamala & Dr. A. Murugan	Computer Science	Dictionary of Computer Terms	Margham Publications

2	Dr.K.Shyamala & Dr. A. Murugan	Computer Science	Visual Basic Programming	Margham Publications
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3.2.5 Provide the following details of ongoing research projects:

Minor

Sl. No	Name of the faculty	Year	Name/ Department	Name of the funding agency	Total grant received
1	Dr R.Saravanan	2014	Adv. Zoology	UGC	5,00,000
2	Dr N..Thirunavukkarasu	2014	Adv. Zoology	UGC	4,95,000
3	Dr. A. Vijayakanth	2014-2016	Economics	UGC (SERO)	2,50,000
4	Mr.G.Ramesh	2014	Fabrication and characterization of Polmer nano composites - Chemistry	UGC	2,05,000

1. Dr R.Saravanan- “Phytoremediation of tannery effluent using *Pongamia glabra* and *Eicchornia crassipes* and its effect on freshwater fish *Channa striatus*” ” UGC MINOR RESEARCH PROJECT- amount of Rs.5 00 000 LAKHS-sanctioned in November – 2014 grants received - JANUARY 2015
2. Dr N.Thirunavukkarasu - “Production and characterization of chitosan from under-utilised marine crustaceans by-catch trash” UGC MINOR RESEARCH PROJECT- amount of Rs.4.95 LAKHS-sanctioned in November – 2014 - grants received - JANUARY 2015

Major NIL

Name of the faculty	Year	Name of the Project	Name of the funding agency	Total grant received

3.2.6 Departments of the College have been recognized for their research activities by national / international agencies

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

Department	Name of the faculty	Year	Name of the Project (Major/minor)	Name of the funding agency	Total grant received
Adv. Zoology	Dr K..Samyappan	2012	Minor	UGC	1,75,000

Mathematics	Dr. G. Palani	2010-13	Major	UGC	5,17,460
Economics	Mr. L. Clement Baskar	2011-12	Minor	UGC (SERO)	95,000

1. Dr K.Samyappan - Minor UGC project ‘BIOCHEMICAL STUDIES ON EYE STALK ABALATED MALE AND FEMALE FRESHWATER CRAB *Oziotelphusa senex senex*’-Amount sanctioned 1,75,000 - Project sanctioned in NOVEMBER 2012 AND COMPLETED IN JANUARY 2015.

3.3 Research Facilities

3.3.1 Efforts are made by the College to keep pace with the infrastructure requirements to facilitate Research

The grants received from the UGC and the State Government is used to purchase books and journals, equipments, chemicals and other relevant materials for research activities. The science laboratories are well maintained and well equipped to facilitate research. The students and scholars can use other department laboratories if they required. Ph.D. and M.Phil scholars are permitted to avail additional information resources such as Xerox facilities. All the research and PG department students are using 3G Airtel Broad band data card usage.

3.3.2 Information resource centre to cater to the needs of researchers

The College Central Library has sufficient facilities to act as an information resource centre. It has good collection of books related to all subjects, e-Journals, e-Books. These facilities are made available for all the staff and students.

3.3.3 Residential facilities (with computer and internet facilities) for research scholars and faculty

Though the college has no hostel accommodation facilities for research scholars are arranged in the Presidency College Campus and Government departments such as Backward class and Adi diravidar welfare Hostels. Government of Tamil Nadu given lap top for college students and that can be used by the students and scholars for their research .The scholars can use computers and internet facilities in their departments or in the central library.

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

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

3.4 Research Publications and Awards

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

The faculty members of various departments are actively involved in research activities by contributing research papers in reputed journals, attending Conferences, Seminars and

Workshops and undertaking Major and Minor Research Projects. The staff members presented a number of papers in regional, national and international conferences. Staff members regularly publish articles in journals and books. The details of publication per faculty are given in the following table.

i) Faculty Publications

Major papers presented in regional, national and international conferences

Sl.No	Name	Department	Number of		
			Regional	National	International
1	Mr. P. Srinivasan	Tamil	0	0	1
2	Mr. A. Mohan	Tamil	1	1	1
3	Mrs. N. Ananthi	Business Administration	-	5	3
4	Dr. P. Murugesan	Business Administration	-	1	2
5	Ms T. Mathuram	Adv. Zoology & Bio Tech	-	1	-
6	Dr. R. Saravanan	Adv. Zoology & Bio Tech	-	3	-
7	Dr. Gladis Helen Hepsiba	Adv. Zoology & Bio Tech	-	1	-
8	Dr N.Thirunavukkarasu	Adv. Zoology & Bio Tech	-	4	4
9	Dr A.Murugan	Computer Science	--	14	-
10	Dr K. Shyamala	Computer Science	--	2	-
11	Mr N. Maruthachalam	Computer Science	--	1	-
12	Dr M. Suryakala	Computer Science	--	13	-
13	Mrs B. Jayapradha	Computer Science	--	--	-
14	Mr G. Sekar	Computer Science	--	2	-
15	Mr N. Santhana Krishnan	Computer Science	--	3	-
16	Dr. V. Selvanathan	Commerce	22	25	-
17	Dr.M. kesavan	Commerce	2	-	-
18	Dr. J. Jayakumar	Commerce	5	-	-
19	Mr. V. Ravichandran	Commerce	5	-	-
20	Dr. S. Bama	Commerce	5	-	-
21	Dr. N. BarathiDasan	Commerce	9	-	-
22	Dr. R.Ravichandran	Chemistry	-	1	2
23	Dr. S. Manivannan	Chemistry	-	-	3
24	Mrs. T. Gayathri	Chemistry	-	1	-
25	Dr. P. Krishna Moorthy	Chemistry	-	1	1
26	Mrs. RevathySelvaraj	Chemistry	-	1	2

27	Mr. G. Ramesh	Chemistry	-	2	2
28	Dr . G. Ramachandran	Chemistry	-	2	-
29	Dr. S. Vidya	Chemistry	-	1	-
30	Dr. L. Lakshmi	Chemistry	-	2	-
31	Mr. O.S. Babu	Mathematics	0	2	2
32	Mr. A. R. Ragavan	Mathematics	0	-	1
33	Dr. S. Karthigeyan	Mathematics	0	2	0
34	Mr. M. K. Purushothkumar	Mathematics	0	1	0
35	Mr. K. Thulukkanam	Mathematics	0	1	0
36	Dr. G. Palani	Mathematics	0	-	2
37	Dr Anna Rangini Chellappa	Nutrition and Diets	0	4	3
38	Mrs. D. Subhashini	Physics	0	4	0
39	Dr. A. Sekar	Physics	1	0	0
40	Dr. T. Hema Thanka Christlet	Physics	0	1	0
41	Dr. G. Sampathkumar	Plant Biology and Bio technology	0	1	0
42	Dr. P. Balaji	Plant Biology and Bio technology	0	2	0
43	Mrs. R. Lakshmi Priya	Statistics	0	0	4
44	Mr. M.Devendran	Visual Communication	2	1	0
45	Mr. M. Raju	Visual Communication	0	2	1

Journals

Sl.No	Name	Department	Number of		
			Books	International Journals	National journals
1	P.Srinivasan	Tamil	0	1	0
2	A.Mohan	Tamil	0	1	1
3	Dr. M. Ravichandran	English			10
4	Dr Srividya	English	1	1	3
5	Dr Sudha	English	4		
6	Dr T.Kumaran	Adv. Zoology & Bio Tech	-	2	1
7	Mr. K Kannan	Adv. Zoology & Bio Tech	-	-	5
8	Dr. K. Samyappan	Adv. Zoology & Bio Tech	-	-	5
9	Dr. R. Saravanan	Adv. Zoology & Bio Tech	-	2	5

10	Dr. Gladis Helen Hepsiba	Adv. Zoology & Bio Tech	1	-	-
11	Dr N.Thirunavukkarasu	Adv. Zoology & Bio Tech		1	9
12	Dr A.Murugan	Computer Science	2	18	--
13	Dr K. Shyamala	Computer Science	2	8	--
14	Dr M. Suryakala	Computer Science	2	12	2
15	Mr G. Sekar	Computer Science	--	4	--
16	Mr N. Santhana Krishnan	Computer Science	--	2	--
17	Mrs. N. Ananthi	Business Administration		2	2
18	Dr. P. Murugesan	Business Administration	2	2	2
19	Dr. V. Selvanathan	Commerce	1	-	20
20	Dr.M. kesavan	Commerce	-	-	2
21	Dr. J. Jayakumar	Commerce	-	-	6
22	Dr. S. Bama	Commerce	2	-	6
23	Dr. N. BarathiDasan	Commerce		-	2
24	Dr. R. Ravichandran	Chemistry	-	4	1
25	Dr. R. Karthikeyan	Chemistry	-	1	-
26	Dr. S. Manivannan	Chemistry	-	3	-
27	Mr. K. Chandrasekaran	Chemistry	-	2	-
28	Mrs. T. Gayathri	Chemistry	-	1	-
29	Dr. P. Krishna Moorthy	Chemistry	3	9	1
30	Mrs. S. Anandhi	Chemistry	2	-	-
31	Dr.T. K.Arumugam	Chemistry	-	2	-
32	Mrs. RevathySelvaraj	Chemistry		1	-
33	Mr. G. Ramesh	Chemistry	-	2	-
34	Dr . G. Ramachandran	Chemistry	3	3	-
35	Dr. S. Vidya	Chemistry	-	3	-
36	Dr. L. Lakshmi	Chemistry	1	2	-
37	Mr. O.S. Babu	Mathematics	-	11	1
38	Mr. A. R. Ragavan	Mathematics	-	3	-
39	Mrs. Desdemona Kirubavathi	Mathematics	-	1	-
40	Dr. S. Karthigeyan	Mathematics	-	1	-
41	Mr. M. K. Purushothkumar	Mathematics	2		-
42	Mr. K. Thulukkanam	Mathematics	-	3	-
43	Dr. G. Palani	Mathematics	-	15	-
44	Dr Anna Rangini Chellappa	Nutrition and Diets	-	3	1
45	Mrs. D. Subhashini	Physics	-	5	-

46	Dr. T. Hema Thanka Christlet	Physics	-	1	-
47	Dr. S.V Rajasekaran	Physics	-	4	-
48	Dr. G. Sampathkumar	Plant Biology and Bio technology	0	2	4
49	Dr. P. Balaji	Plant Biology and Bio technology	0	1	1
50	Mrs. R. Lakshmi Priya	Statistics	0	3	3

M.Phil Student Publications

Sl.No	Department	Batch (Academic Year)	National/ International Journal	Conference Publications
1	Computer Science	2013-14	2	3
2	Computer Science	2014-15	-	1

ii) Faculty serving on the editorial boards of national and international journals

Sl.No	Name of the staff	Journal Name	ISSN Number
1.	Dr A. Murugan	- International Journal of Advanced Computer Science and Technology (IJACST) - Research India Publications - International Journal of Statistics and Analysis (IJSa) – Research India Publications. - ACTA Press Journals, Canada - Indian Journal Science and Technology	ISSN 2249-3123 ISSN 2248-9959
2.	Dr K. Shyamala	- International Journal of Advanced Computer Science and Technology (IJACST) - Research India Publications - International Journal of Statistics and Analysis (IJSa) – Research India Publications	ISSN 2249-3123 ISSN 2248-9959
3	Dr.P.Krishnamoorthy	- British journal of applied science and technology - Journal of Applied Chemical science international - Industrial and Engg., chemistry research - Journal of scientific research and	

		report - Physical science international journal - Journal of Environmental chemical Engineering - International Research journal of Applied chemistry - American chemical science journal - International journal of biological macromolecules - British journal of Pharmaceutical science	
4	Dr. G.Palani	- International Journal of Heat and Mass Transformation (Elsevier) - Journal of Thermal Science (Springer) - Heat and Mass Transformation (Springer) - Numerical heat transformation (Taylor and Francis) - International Journal for numerical methods in fluids	0017- 9310 1003-2169 0947-7411 1040-7782 1097-0363
5	Dr Anna Rangini Chellappa	- IJARS - Eduventure Journal of Queen Marys College - Conference proceeding- optimizing nutrition support in health and diseases	ISBN- 978-93-81992-02-9

iii) Faculty members on the organization committees of International conferences, recognized by reputed organizations / societies

Sl.No	Name of the staff	Conference Name	Position / Member
1	A. Mohan	Anna Nagar Aaivu Vattam	Member

2	Dr A. Murugan	National Conference On Recent Trends in Intelligent Agents – University of Madras National Seminar on Recent Trends in Computer Science, Annai Violet College of Arts and Science- Chennai – 53. First and Second International Conference on Communication, Computing and Information Technology (ICCCMIT-12 & ICCCMIT -14) – MOP Vaishnav College, Chennai – 34 National Conference on Information and Communication Technology – Sri Muthukumaran Arts and Science College, Chennai - 69 MIKE – Series 2013 &14 [International Conference on Mining Intelligence and knowledge exploration] VHNSN College, Virudhunagar, Tamil Nadu and University College Cork, Cork, Ireland	Programme Committee Member Advisory Committee Member Technical Advisory Committee Member and Chair Editorial Committee Member Paper Reviewer
3.	Dr K. Shyamala	National Conference of Recent Trends in Intelligent Agents - University of Madras. First and Second International Conference on Communication, Computing and Information Technology (ICCCMIT-12 & ICCCMIT -14) - MOP Vaishnav College, Chennai – 34 National Conference on Information Security Practices JHA Agarsen College, Chennai - 60	Programme Committee Member Technical Advisory Committee Member and Chair Technical Advisor Committee

3.4.2 Does the College publish research journal(s)? If yes, indicate the composition of the editorial board, publication policies and whether it is listed in international database?
No

3.4.3 Give details of publications by the faculty:

Sl.No	Details	Nos
	Number of papers published in peer reviewed journals	194
	Monographs	04
	Chapters in the edited books	02
	Editing Books	10
	Books with ISBN numbers	13
	Number listed in international data base -	
	Citation index -	11

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

Sl.No	Department	No Of M.Phil students Completed	No Of Ph.D students Completed
1.	Tamil	-	-
2.	English	-	-
3.	Business Administration	-	-
4.	Commerce	38	8
5.	Defense Studies	-	-
6.	Economics	-	-
7.	Adv. Zoology and Bio technology	05	-
8.	Chemistry	4	2
9.	Computer Science	30	03
10.	Mathematics	-	-
11.	Nutrition and Diets	-	1
12.	Physics	-	-
13.	Plant Biology and Bio technology	2	1
14.	Statistics	-	-
15.	Visual Communication	3	-
16.	Total	82	15

The average number of successful M.Phil. Scholars : $82/27 = 3.1$ (No of Students/ Guides)

The average number of successful Ph.D Scholars : $15/18 = 0.8$ (No of Students/ Guides)

3.4.5 Policy of the College to check malpractices and misconduct in research

Even at the outset, i.e the time of registration, the scholars are given clear instructions to do independent research. The guides carefully go through the research proposal and ensure objectivity to avoid malpractice and misconduct. Before registration the candidates have to submit the research proposal to the doctoral committee. The committee conducts the viva – voce and the candidates are insisted to do research of their own.

The Research Committee deals with the grievance of the students relating to their research and the supervisor. Plagiarism tools are used to keep track of the publication of research papers. Misconduct, if found, is dealt with seriously and appropriate action is taken based on the report of the Research Committee.

3.4.6 N A

3.4.7 Mention the research awards instituted by the College. –NA-

3.4.8 Provide details of research awards received by the faculty/Student

The staff members are actively involved in both teaching and research activities. The following faculty members have received awards for their achievements.

S.No	Faculty Name	Name of the Award	Year	Name of the organization who gave the award
1	Dr T. Kumaran	Best appreciation award in Zoological society of India	5.10.2012	23 rd All India congress of Zoology held at Guru Nanak College, Velachery, Chennai
2	Dr Anna Rangini Chellappa	Award for excellence in research in applied sciences	2012	International journal of applied research sciences
3	Mrs. D. Subashini	Appreciation Award	2012	Workshop conducted by K.R.Meena Muthiah College, Chennai on Skill Development
4	Mrs. Ananthalakshmi	Thiruvadhuthurai Adhinam Award for Books	2011	Thiruvadhuthurai Adhinam

S.No	Student Name	Name of the Award	Year	Name of the organization who gave the award

Recognition received by the faculty from reputed professional bodies and agencies (Best teacher award etc)

S.No	Faculty Name	Name of the Award	Year	Name of the organization who gave the award

- 3.4.9 Since the College is a Government college it follows the rules and regulations of the Government. There are no Incentives given to faculty for receiving state, national and international recognitions for research contributions.

3.5 Consultancy

- 3.5.1 What is the stated policy of the College for structured consultancy? List a few important consultancy services undertaken by the College.
- 3.5.2 College have College-industry cell : The department Nutrition and Diets collaborates with the multi-specialty hospital and participates in all conferences and programmes organized by the dietary department of the hospital
- 3.5.3 Mode of publicizing the expertise of the College for consultancy services
Head, Department of Nutrition is currently on the advisory board for the health and me Pvt Ltd. The head also is a member of board of studies at women's Christian college and was also audit committee member at the same college.
- 3.5.4 How does the College encourage the faculty to utilise the expertise for consultancy services? NA

3.6 Extension Activities and Institutional Social Responsibility (ISR)

3.6.1 Sensitization on Institutional Social Responsibilities

The college encourages the faculty and students to take up various social responsibilities. Apart from the regular work, a number of faculty and students actively take part in various social activities through NSS, NCC, YRC, CCC, SSL, RRC, Blood Donors Club and Alumni Association.

The extension activities carried out by the various forums and organizations create awareness on social, economic and environmental aspects. To fulfill the objectives, the following social out-reach programmes are conducted by them. The expenses for conducting these extension activities are met by the institution.

Department wise extension work details – Advanced Zoology and Bio Technology

Conducting field work and lab visit

- ✓ I and II M.Sc students attended a One day Hand on Training programme on **Immunoelectrophoreis, Immunodiffusion, Antibody preparation and Antigen preparation - Visit to animal cell culture lab - Observation of cell lines** at Lifetech Research Centre, Vadapalani Chennai on 25-09-2012
- ✓ Internship Training programme attended by II yr M.Sc students at TamilNadu Veterinary and Animal Sciences University ,Fisheries Department ,Madhavaram from

28-01-2013 to 08-02-2013. (11 days)Exposure to **Training in Microbial techniques, Culture of microorganisms, PCR techniques and Fish culture methods.**

- ✓ III B.Sc and I M.Sc visit to Central Insitute of Brackish water Aquaculture (CIBA), MuttuKadu, 26-02-2013-Visit to various labs-**Preparation of Feed formulations-Eye stalk abalation –Crab and Prawn culture- Algal culture- Rotifer culture-Culture of planktons Culture of marine Fishes-Sea Bass and Cobia-Visit to fish culture pond**
- ✓ II M.Sc students attended a One day training programme on **Polymerase Chain Reaction Techniques** Organised by Eppendorf Laboratories ,Chennai at M.V.Convention Centre, Chetpet on 27-04-2013
- ✓ Internship Training programme on **Basic Microbial Techniques** attended by II yr M.Sc students at BIOSPARGE LAB at Ramapuram, Ambattur from 30th November 2013 to 11th December 2013 (10 days)
- ✓ III B.Sc and I M.Sc visit to Central Insitute of Brackish water Aquaculture (CIBA), MuttuKadu, 27-02-2014 /18-02-2015. Visit to various labs-**Preparation of Feed formulations-Eye stalk abalation –Crab culture- Algal culture- Rotifer culture-Culture of planktons -Culture of marine Fishes- Sea Bass and Cobia-Visit to Water treatment plant-Sea weed culture.**

Study Tour Undertaken

For Faunal and Natural ecosystem studies-Collection, Identification and preservation of specimens- To observe fauna and their adaptations in their natural habitat- Zoo visit – Captive Maintenance of Endangered species

- 2010 - Final year UG students were taken **KODAIKANAL**(Botanical gardens, Pine forests) AND **RAMESWARAM** (Beach , Dhanuskodi Island)
- 2011 - Final year UG students were taken **OOTY** (Botanical gardens) AND **MYSORE** (Zoo)
- 2013 - Final year UG students were taken to **TRIVANDRUM** (Zoo, Kovalam beach) **KANYAKUMARI** (Beach) AND **COUTRALLAM** from March 5th to March 9th 2013
- 2014 - Final year UG students were taken to **WAYANAD** (Muthunga Wild Life Sanctuary, Banasura Dam site, Kuruwadeep Island- Kabini river)-March 5th to March 9th 2014

2015-Final year UG and PG students were taken to Munnar and Cochin- Visit to Central Marine Fisheries Research Institute-CMFRI-COCHIN – Feb 25th to March 1st 2015

- 3.6.2 College promote College-neighborhood network and student engagement, contributing to holistic development of students and sustained community development.

The department of nutrition has participated in the community Nutrition programme organized by the Ministry of social work in popularizing the usage of millets among Anganwadi and health workers at Royapuram and Perambur.

The department of Physics conducted awareness programmes for the nearby School Students about Physics and Astrophysics in the form of Seminars and Several School Students participate in these programmes. Competitions were conducted and the winners were awarded with prizes and certificates. Awareness about the Universe were given to the students by observing the space through the 16" astronomical telescope available in the department.

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

Two credits are allotted for extension activities. Therefore it is mandatory for the students to take part in any one of the extension activities. The College has NSS, Red Ribbon Club and Youth Red Cross Society. The teachers in charge for the extension activities arrange programmes in co- ordination with various NGOs working in the field.

The department of Nutrition and Diets has first sought to improvise the nutritional status of its own student community through the Health for all camp conducted in the month of September 2014. The health profile of both the students and faculty were assessed using biochemical and anthropometric tests . Dietary assessment was also done to monitor adequacy of nutrient intake.

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

The students of Plant biology and plant biotechnology are actively participate in blood donation camp, planting trees and campus cleaning.

i) *Extension work under taken by the NSS units*

The NSS students did various activities like cleaning the campus, and organized many awareness programs.

ii) *Extension work under taken by the NCC*

The NCC students also did various activities and organized many awareness programs.

3.6.5 Give details of awards / recognition received by the College for extension activities / community development work. (NSS/NCC/YRC/RRC)

S.No	Faculty Name/Student Name	Name of the Award	Year	Name of the organization who gave the award
1	Mr.B.Jeyakumar	Best Command in the Drill	2012-13	CRPF, Avadi
2.	Mr.Subash Chandra Bose (Dr.Ambedkar Govt. Arts College)	Gold Medal in Best Contingent Commander	2014-15	-

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

3.6.7 Give details of awards received by the institution for extension activities and/contributions to the social/community development during the last four years. (NSS/NCC/YRC/RRC)

3.7 Collaboration

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

3.7.2 Mention specific examples of, how these linkages promote

- * **Internship**, On the job training is provided by the VHS Voluntary Health service for training students in diet therapy.
- * Faculty exchange and development
- * Research, Publication
- * Consultancy, Extension
- * **Student placement** – Every year some small companies recruit out students the Dr Kumaran will take care of the Placement activities.

Criterion IV

***INFRASTRUCTURE
AND LEARNING
RESOURCES***

CRITERION IV: INFRASTRUCTURE AND LEARNING RESOURCES**4.1 Physical facilities****4.1.1 Optimum utilization of infrastructure facilities and learning resources:**

The College is located in the midst of a verdant campus spread over 4 acres in the north side city of the Chennai, Dr. Ambedkar Govt. Arts College has ensured the availability physical infrastructure and learning resources on campus to suit varying needs of the college community. Optimum utilization of resources and infrastructure is ensured through careful planning of schedules, time-tables and easy access to technology.

The Principal, in consultation with Heads of various departments and engineer and officers of Department of Technical Education oversees the development of infrastructure on campus. The infrastructure includes well equipped class room (LCD and SMART Board), seminar halls, conference rooms, audio visual rooms, staff rooms, a well equipped laboratories, library, students rest room, canteen and parking area.

Class rooms are designed to accommodate varying number of students. Appropriate rooms are allocated to classes so that optimum utilization of classrooms are made. All the departments are provided with staff room and HOD Room.

4.1.2 Creation and enhancement of infrastructure

Based on the availability of funds the requirements of various departments are taken in to consideration on priority basis. Grants from UGC, Government of Tamil Nadu and College Autonomous are used to develop infrastructure to promote a good-teaching learning environment.

All the departments are adequate class rooms with sufficient chairs and tables for the students. All the departments (except the new departments) are equipped with a LCD projector and computers (Latest version) with Laser Printer. Department of Physics, Commerce and Computer Science has multi function copier, two microphone and one public addressing system card less mike and collar mike, which are all useful to conduct meetings and Seminars. Internet facility is also provided (MTS Data card) for the PG and Research Departments and the facility is very useful for the PG, M.Phil and Ph.D. students.

Some of the recent initiatives in the enhancement of infrastructure

- Smart Class room
- Eco-kitchen is promoted in the Home Science department
- Computers with Internet connectivity is given to the departments
- Sufficient furniture are distributed to all the departments for both staff and students
- Water purifier instruments are installed in various blocks.
- Play grounds levelled for conducting various sports events.
- Public address system is installed for the entire college to inform certain information to the students.

- There is a new block is constructed in the Perambur MLA assembly fund with 10 classrooms and the building is currently used by the Commerce, Statistics, Home Science and Defense departments.
- List of major scientific equipments purchased during last five years.

List of Equipments:

Department of English

Year	Equipment Details	Amount	UGC	State Fund
2009-10	10 Computer systems with servers and other accessories, furniture and LAN Network	5,31,000		Fully State Govt.
	RICOH Aficio MP 2000 L Photocopier	1,05,000/-	√	
	SONY LCD PROJECTOR (32T550 A)	30,000	√	
	LG Television	30,500	√	
2011-12	Scanner /Printer	18,480	√	-

Department of Visual Communication

Sl no	Name of the equipment	Funding agency	Date of purchase	Amount Rs.
1.	Canon 1100 D DSLR Camera Single Lens	Under UGC – XII PLAN SERO F98-13/06 (SERO UGC) dated 29.01.2013	26.03.2014	24,000
2	Canon 1100 D DSLR Camera 18-55 Lens and 55-250 lens		26.03.2014	29,000
3	Canon 1200D DSLR with 18-55 and 55-250 lens		05.08.2014	31,500
4	Canon 1200D DSLR with 1855 and 55-250 lens		05.08.2014	31,500
5	Panasonic V750 Handy		05.08.2014	43,200

	cam	Under UGC – XII PLAN F. AD 12 B (020) / 10 DATED 27/03/2014		
6	Canon 430 EX II Flash		05.08.2014	15,500
7	Sony LED Television 48 W600B			78,900
8	Sony Home Theatre BDV E4100 with Blue ray		05.08.2014	28,990
9	Sony Model VPL-DX TRUE XGA LCD Projector with 2300 ANSI Lumens With Wall Screen		05.08.2014	30,500
10	SIMPEX pro 23 RF-II Digital Studio Lights- 1 No.	State Fund		16,000

4.1.3 Provision of common facilities

All the departments are provided with staff room. In addition faculty holding administrative positions such as the Head, Controller of Examinations have their own well equipped offices. The college provides separate rest rooms for staff and students.

4.1.4 Infrastructure facilities for students/staff with disabilities

Dr. Ambedkar Govt. College has been making special efforts to make its academic campus more accessible to persons with special abilities. The rest room available on all floors and buildings on campus sport a separate western closet.

Class room facilities available in the department

Department of Business Administration

Class rooms Number	Size of the class room	Capacity of the room	Present intake capacity
F3	25 x 25	50	50
F2	20 x 30	50	65
F1	20 x 30	50	65

Department of Botany

Class rooms Number	Size of the class room	Capacity of the room	Present intake capacity
F1	20 x 30	40	39
F2	20 x 30	40	13

Department of Chemistry

Class rooms Number	Size of the class room	Capacity of the room	Present intake capacity
A4	20 x 10	40	24
A6	20 x 15	44	44
D11	15 x 30	48	48
STEPS ROOM	10 x 10	46	46

Department of Commerce

Class rooms Number	Size of the class room	Capacity of the room	Present intake capacity
I B.com	25 x 25	70	70
II B.com	25 x 25	70	70
III B.com	25 x 25	70	70
I M.com	25 x 25	25	20
II M.com	20 x 15	25	24
M.Phil	10 x 15	12	12

Department of Computer Science

Class rooms Number	Size of the class room	Capacity of the room	Present intake capacity
H1	10 x 20	20	20
H2 PG Lab	40 x 20	40	Lab
H3 (HOD Room)	10 x 20	-	-
H4 (III B.Sc)	20 x 20	30	30
G2 (II B.Sc)	25 x 20	30	30
G3(I B.Sc)	25 x 20)	30	30

Department of Defense studies

Class rooms Number	Size of the class room	Capacity of the room	Present intake capacity
Commerce upstairs R.N 2	17 x 15	40	34

Department of Economics

Class rooms Number	Size of the class room	Capacity of the room	Present intake capacity
UG ECO 1		60	70
UG ECO 2		60	59
UG ECO 3		50	42
PG I ECO 4		40	13
PG II ECO 5		40	04

Department of English

Class rooms Number	Size of the class room	Capacity of the room	Present intake capacity
C7	20 x 30	60	50
D9	25 x 30	60	60
D8 Room	25 x 30	60	70

Department of Mathematics

Class rooms Number	Size of the class room	Capacity of the room	Present intake capacity
I3- III B.Sc.	23 x 20 Sq.ft	50	48
I4- I B.Sc.	-do-	50	48
I5- II B.Sc.	-do-	50	48
H3- I M.Sc.	-do-	40	25
G3- II M.Sc.	-do-	50	36

Department of Nutrition and Dietetics

Class rooms Number	Size of the class room	Capacity of the room	Present intake capacity
New Block	30 x 25	24 occupancy with staff room and HOD room	24

Department of Physics

Class rooms Number	Size of the class room	Capacity of the room	Present intake capacity
F4 (I Phy T/M)	20 x 30	30	19
F3 (I Phy E/M)	20 x 30	30	24
ECO1 (I Phy T/M)	20 x 30	30	27
PHY1 (I Phy E/M)	20 x 30	30	24
PHY2 (III Phy E/M &T/M)	20 x 30	30	23
B6	20 x 30	15	
B7	40 x 40	30	

Department of Statistics

Class rooms Number	Size of the class room	Capacity of the room	Present intake capacity
I B.Sc Com NB 5	17 x 13	30	24
II B.Sc	15x 15	30	21
III B. Sc	15 x 15	30	13

Department of Visual Communication

Class rooms Number	Size of the class room	Capacity of the room	Present intake capacity
University Broadcasting Room	30 x 30	40	40
D9	25 x 30	40	35

Department of Zoology

Class rooms Number	Size of the class room	Capacity of the room	Present intake capacity
C7	20 x 30	60	48
D9	25 x 30	60	48
D8 Room	25 x 30	60	48

The College is functioning in shift basis between 8.30 to 1.30 and 1.30 to 6.30. The Science departments and Arts departments will come in the morning and evening shifts respectively in even semester and for the case of odd semester, it will be interchanged.

4.1.5 Residential facilities for students

No hostel facility is available in the college. The students are accommodated the Govt. College Boys hostel and Ambedkar Boys hostel at Villivakkam and Royapuram Girls Hostel.

Name of Hostel	No. of Boys in the hostel	No. of Girls in the hostel	Total No. of students in the hostel
Govt. College Boys Hostel, Villivakkam	10	-	10
M.C. Raja Boy's Hostel, Saidapet	2	-	2
Ambedkar Boy's Hostel, Villivakkam	11	-	11
Royapuram Girl's Hostel	-	3	3
Total	23	3	26

4.1.6 Health related support services for its students, faculty and non-teaching staff

There is no hospital facility available in the college, But in front of the college a general clinic called 'NALAM'. If there is a need the students can use the clinic. However the college conduct necessary medical checkup for the students.

In the academic year 2014-15 department of Home Science conducted a medical camp for the whole college students and staff members. Screening of blood test and general medical checkup has been done.

4.1.7 Facilities to promote interests in sports and cultural events:

The physical director coordinates all sports activities from his office. The college has well equipped basket ball, kho-kho, hockey, throw ball and volley ball courts. Besides these, there are two table tennis tables in the PD room.

Undergraduate students are encouraged and motivated to take sports and games as their extracurricular activities. The students who are in sports and games are awarded two credits as a part of their regular curriculum.

To boost the strength and stamina of the student's college provides nutritious breakfast in the morning. This is possible through College sports fund. To enrich the sports spirit the winners and participants are given prizes and certificates in Annual Sports Day celebration every year.

4.2 Library as a learning resource (General librarian has to provide details)

Library advisory committee: Principal

Senior Faculty Members

Details of the library

Total area of the library	:	120.5 Sq.mt
Total seating capacity	:	25

Working hours of the library

On working days	:	180 Days
On Saturdays	:	Whenever the College functions
Public holidays	:	No
During vacations	:	No

Layout of the library -

Library holdings as on 31-12-2014

Library management software:

Net working	:	No
Bar code printer:		No
Slot readers	:	No

Average number of walk ins: 1200 students / per month

Average number of issues or returns: Issues : 200

Returns : 200 per month

Ratio of library books to students enrolled : 20000:2500 -> 8 books per student

Average number of books added during last three years: 1021

User orientation programme department wise: -

Details of specialized services provided by the library:

Year	Amount spent on books (UGC)	Amount spent on journals and periodicals	Non Plan
2010-2011	2,00,000	-	45,311
2011-2012	NIL	-	59,999
2012-2013	85,999 + 10000(Merged)	47,525 (Merged)	71,297
2013-2014	-	-	99,899
2014-2015	-	7211	1,70,000

Feedback from users: Our librarian is following open access system in our library. It is so comfortable to search the required books. Librarian motivate us to attend competitive exams such as NET, SLET, Civil Service exams, TNPSC, BSRB, SSC exams etc.

Infrastructural development over the last four years

New almirah added, New Computer with software and Photo copier is purchased.

4.3: IT Infrastructure

4.3.1 IT Policy

Since it is a Government College, it has to follow the Government norms. Therefore it has not yet developed the IT related policies.

4.3.2 Details of the College's Computing facilities (hardware and software)

The Computer Science department has 70 computers in working condition. All other departments have one to five computers depending upon their needs. The computer-student ratio in Computer Science Course is 1:1 and for other courses the ratio ranges from 1:10 to 1:30. Since Computing Skills is included in the Soft Skill programme, every department has a dedicated computer faculty to facilitate the students to acquire computer skills. All the PG and Research departments have internet facility. At present the Computer Science lab is not interconnected. The Computer Science department has necessary software for the benefit of the students and they included the leading open source software in their syllabus.

Website of the college: www.daga.co.in

Mail id : dagacvys@yahoo.co.in

4.3.3 Institutional plans and strategies for deploying and upgrading the IT infrastructure and associated facilities

The College has the following plans to upgrade the IT infrastructure and associated facilities

- WiFi connectivity to all departments. Steps are already taken for that process
- LCD facility for effective teaching. As most of the departments are having LCD and effectively using the facility.
- Acquiring propriety software to enhance the advanced knowledge in IT
- Purchasing more number of computers to enable the students to spent more time effectively on computer learning.

4.3.4 Access to online teaching and learning resources

All the PG departments and Research departments has the internet facility and the staff and students can access e-journals and e-books and resources from internet.

4.3.5 ICT enabled classrooms / learning spaces available within the College and its utilization for enhancing the quality of teaching and learning

Most of the departments in the College have LCD enabled classroom/Lab. The classroom/lab can accommodate around 40 to 60 students at a time. Software demo, student seminar and project reviews will be conducted in the LCD classrooms/ labs. Both UG and PG Computer labs are LCD enabled. Classes are conducted in the Plant biology and Plant bio technology department under the LCD presentation. The department of Computer Science also has a Visualizer for the demonstration of circuits.

4.3.6 Access to the faculty to prepare computer aided teaching – learning materials

Teachers have excellent skills in preparing computer aided teaching – learning materials. Teachers can prepare their computer aided teaching – learning materials either in their respective departments. The smart class room or the seminar hall where the LCD projector is fixed for presentation may enable for Power Point presentation. Almost all students were given free Laptop under Tamil Nadu Government Scheme. It has enabled faculty to teach the students by using computer aided teaching – learning materials.

4.3.7 Maintenance of Computers

Generally the departments take necessary arrangements for the maintenance of computers and their accessories. Govt. of Tamil Nadu has granted maintenance fund for the equipments and computer Science Department uses this fund for the maintenance of computers. The Asst. Programmer working in the Computer Science Department provides guidelines and help for the maintenance of computers and their accessories.

4.3.8 Provision made in the annual budget for update, deployment and maintenance of the computers in the College

Every year college collects list of requirements from all departments. The consolidated report related to the annual budget of the College is submitted to the Directorate of Collegiate

Education. The Government will decide and allot the annual budget for update, deployment and maintenance of the computers in the College. Also college spent the UGC and Autonomous grants for the purpose of updating and maintenance of Computers.

4.4. Maintenance of campus facilities

4.4.1 Maintenance of buildings, class-rooms and laboratories

The College has no Estate Office / designated officer for overseeing maintenance of buildings. All the buildings on campus are regularly renovated and maintained by the PWD. The herbal garden developed and maintained by the Department of Botany contains a variety of medicinal plants. Buildings are well maintained and renovated periodically.

4.4.2 Maintenance of infrastructure facilities, services and equipment

PWD (Public Work Department) is responsible for maintaining the physical infrastructure facilities and water and electricity services, the Government of Tamil Nadu also appoints watchmen, sweepers and markers for the maintenance of college campus and the existing services. The college has an electrician who looks after the electrical works in the college. The furniture is maintained and replaced wherever necessary. The Government appoints Lab assistant for the Science Lab. They are responsible for the maintenance of equipments in the lab. The college uses out sourcing for the repair of equipments and computers.

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

- Plans are made to have CCTV Connectivity for the entire college campus.

Criterion V

STUDENT SUPPORT AND PROGRESSION

CRITERIA – V STUDENT SUPPORT AND PROGRESSION**5.1 Student Mentoring and Support****5.1.1 Independent System for Student Support and Mentoring**

Mentor System: Class tutors are allotted for each class at the beginning of the academic year separately for Tamil and English medium sections. A teacher will be a mentor for a group of 25-30 students to look after their general welfare in the areas of personal problems, family and economical issues. Psycho-socio problems that affect their normal study are also handled under this system.

To counsel the students in matters relating to personal problems, social problems and health problems is an important aspect of the Department.

- To enlighten the students on the course, optimal/ elective and extra- credit courses, Certificate and Add-on Courses and impress upon them the usefulness of the courses, based on their area of interest.
- To guide them to prepare for competitive examinations
- To infuse among the students confidence and faith in themselves
- To encourage them to be self-reliant, positive and tolerant
- To boost their morale even in case of poor performance in their academic activities

Mentor System-Personal Record of students

- Class tutors are allotted for each class. Students are supported and guided both in co-curricular and extracurricular activities under tutorial system.
- The tutor of the class discusses with every student individually and supports them in all possible ways to enrich their academic performance.
- The personal record of student details is maintained.
- (Personal problems, Family and Economical issues, Psycho-socio problems identified)
- Personal problems are attended and sorted out by way of counselling

Monitoring of Students regularity:

- Attendance -Hour based attendance / Practical class attendance-
- Strict vigilance of students activities
- Attendance registers checked regularly
- Students who are falling short in attendance contacted personally and if necessary are their parents informed.

Progress of the students in academic issues

- Assignments given every fortnight
- Regular Submission of assignments
- Participation in seminars

Student – Teacher Interaction in the class

A two-way method of teaching is adopted. The students are encouraged to ask questions and thereby leading to interactive sessions. The teachers also encourage the less outspoken students to interact with fellow peer group.

Parents – Teachers Meetings

Parent Teachers Meetings are organized every year to set a rapport between the concerned class tutors and the parents of their wards. This further helps understand the students' socio-economic and psychological condition in a better fashion.

Examination and Result

Two internal tests are given during a semester

- Students performance reviewed in Internal tests
- Model Examination are conducted
- Performance reviewed in End semester examinations

The students are continuously assessed under the CBCS System. The internal tests and assignments constantly help the students to prepare for their End Semester Examination. The Model Exam is given with the intention of familiarizing the students with the question paper pattern. Also, this helps students prepare for the End Semester Examination in a better way as the exam covers up the complete syllabus of the semester.

The Student Support System is in-charge of the following

- Meeting the parents of students on the day of admission
- Fresher's meet conducted for the students
- Students of the department are introduced to the staff members
- Distribution of Identity cards to Students
- The students are provided with basic Medical facilities
- College transport services – Free bus concessions and Railway concession.

Distribution of Scholarships (Government scholarships-)

- SC / ST, BC/ MBC scholarships from Government of TamilNadu
- Scholarships for Tamil medium students
- Scholarships for women students – Jai Gopal Garodia scholarship
- Welfare scheme scholarships- Farmers Welfare scheme

5.1.2 Provisions for Academic Mentoring

Class tutors are allotted for each class. Students are supported and guided both in co-curricular and extracurricular activities under tutorial system. The tutor of the class discusses with every student individually and supports them in all possible ways to enrich their academic performance. The personal record of student details is maintained. Personal problems are

attended and sorted out by way of counseling. Remedial classes are offered for SC and ST students after the college hours. Students' attendance is maintained on the hour basis. Attendance register are checked regularly. The students who are falling short of attendance are contacted personally and counseled properly. Assignments are given regularly to assess the students' grasp of the subject. Two assignments are given monthly in each subject.

Identification of slow learners by Class Tutors

- Poor performance in term tests
- Lack of attendance
- Additional tests and coaching classes are conducted
- If students are absent for a long period, their parents are called for and corrective measures taken.
- Students who have backlogs of previous semesters are encouraged to attend special classes held after class hours –Remedial class
- Library support provided through question bank and extension of the library working hours especially during exams.
- Advance learners help them with the difficult unit
- Frequent tests conducted to improve their learning.
- The class tutors and faculty experts meet slow learners after the first term test
- They encourage and motivate them for a better performance

5.1.3 Schemes for Students - Personal Enhancement and Development-Career Counseling, Soft Skill Development

Skill Development Programmes imparted to students for their personal enhancement and also to prepare them for future career. Soft skills are introduced for both UG and PG students as part of the foundation English Programme. English Department is in charge of handling soft skill classes for UG students.

Types of skill based programme is imparted

- Personal / Technical /Managerial skills
- Enhancing Communication Skills
- Soft Skills
- Awareness Programmes on Employment Opportunities etc
- Placement cell
- Academic club programmes of the departments
- Talents of the students brought out by conducting competitions to develop their creative and organizing skills
- Personality development included in their syllabi
- The General Library of the college has a section which houses many books on Personality Development and Leadership qualities

The Training and Placement Cell provides awareness to students about skills required in the job market

- Personality development
- Interview techniques
- Aptitude tests
- Leadership
- Career skills
- Entrepreneurship
- Trained to face interviews
- Group discussions and
- Preparation for Competitive exams.

The college / department of the college has links with external agencies to which the students go for projects and internships to get hands-on training.

As part of their syllabi, the PG students undergo a ten day internship programme in their Third Semester. This gives them an opportunity to work with various organisations and an exposure to the outside world. Programmes are implemented to the students in the department to develop Entrepreneurial skills.

Counseling for women students

The Department of English in association with Naatrangal (a Co-Curricular Forum) has been hosting talks on medical issues, health and hygiene exclusively for the women students.

Counseling given to the girl students by the senior female staff members of Women's Cell in all the aspects concerned with women issues, (Women Grievance cell). Doctors and Medical associates are invited to deliver the talks every year.

Year	Name of the Guest Speaker	Topic
2011	Dr. S. Arvind, MD (PSY) Institute of Mental Health, Chennai	Overcoming Mental Health Challenges
2014	Dr. Sasikala Prasad, Mch., (Urology), Government Kasturba Gandhi Hospital, Chennai	Health issues related to women

5.1.4 Updated Prospectus and Handbook - Activities / Information Included / Provided to Students - Online Access

Information on the students need for their College life is comprehensively provided in the College handbook. Handbook is updated annually and given to all students. Contains the Vision and Mission statement of the College,

- History of the College
- Information on Administration
- Department- Wise list of teaching and non-teaching staff members
- Faculty In-charges of various clubs and cells
- Information on Academic and co- curricular programmes included

- College rules and regulations given clearly.
- Information about holidays, College functions, test and examination dates.

5.1.6 Students Receiving Financial Assistance from State Government, Central Government and Other National Agencies (Five Years)

Academic Year	No. of Students Admitted	No. of Students Received Scholarship	Percentage of Students Received Scholarship
2010-11	378	272	71.9
2011-12	406	289	71.1
2012-13	490	429	87.5
2013-14	661	558	84.41
2014-15	725	640	88.27

State Scholarship is provided to the poor students of the college. The deprived and underprivileged students belonging to community of Scheduled Caste, Schedule Tribe, Backward and Most Backward get financial assistance from the State Government

5.1.8 Support Services for Students - Physically Challenged / Differently-Abled Students

- They have peers to take care of them, escort them to their classes and help them in their studies.
- College takes special efforts to enable physically challenged students to secure scholarships and grants offered by government agencies.
- Visually challenged students have provision for scribes from the College during term tests and semester examinations.
- Limited facilities like ramp up to Ground Floor level available. UGC Sponsored HEPSN distributes assistive devices like IPods and hearing aids to differently-abled learners.

DEPARTMENT OF ENGLISH

2010 – THREE students received medical help out of which two got their assistive devices obtained for them by the teachers.

Ophthalmological ailments of students were attended to by Sankar Netharalaya.

2011 - Ram Kumar was given medical assistance.

SC/ST, OBC AND ECONOMICALLY WEAKER SECTIONS

- Affordable value based education offered
- Students from socially backward communities and SC/ST students are given awareness about the scholarships and privileges available to them.
- Both Government and Management scholarships made available to SC/ST, OBC and economically weaker students
- There any provision of Books provided to theses students from the book bank
- Welfare hostels run by Government of Tamil Nadu for both men and women.

Participation in Various Competitions / Conferences

- Students encouraged to participate in the conferences and competitions held in other Colleges.
- Deserving students selected and deputed to participate in national conferences and state level programmes
- Guidance given at all stages from filling up applications, pooling information, collecting data and training them for presentation at programmes
- Students motivated to participate in cultural and sports in University, State level and National level events.

Skill Development

Computer literacy/learning is a part of the curriculum. Computer literary programme has been included in the curriculum for the undergraduate students. It has really helped the students to learn the basics of computer language. It helps the students learn the basics of the computer language. Around TEN students at the Post graduation level have enrolled themselves into online courses offered by international universities under MOOC and COURSERA.

Placement Cell

The Training and Placement Cell frequently organizes programmes on career guidance. The college invited various companies to conduct a campus interview. The College regularly conducts Personality Development Programmes which enhance the IQ level and communication skills of the students. The College invites Guest speakers from the industry which provides regional and global employment opportunities for the students. Special classes are taken for communication skills taking into considerations the rural backgrounds of the students

Exposure of Students to Institutions Of Higher Learning / Corporate / Business Houses, Etc

The students are exposed to other institutions of higher learning / corporate / business houses through industrial / institutional visits, field visits and educational tours. Participating in seminars, conferences and symposium organized by such institutions. Alumni placed in different industries help the students in providing exposure and training. Internship has been introduced in the Post Graduate syllabus to enrich students' exposure and make them employable. Students have to undergo fifteen day internship in various organizations.

Publication of Student Magazines

Department-wise Newsletters / Magazines provide an opportunity to the students to publish their contents / Articles. Department of Computer Science is publishing a magazine from 2007 onwards called 'StuBit'z. The students have an opportunity to design the invitations for their departmental programmes. Post graduates M.Sc / M.Phil students are encouraged to present their research work in conference and journals.

5.1.9 Guidance / Coaching Classes for Civil Services, Defense Services, NET/SLET and other Competitive Examinations

SLET / Net coaching classes were conducted for the PG students with the aid of UGC grant funds. The College takes adequate measures to prepare students for civil services exams, and UGC-CSIR-NET/SET exams. Adequate reading provided material by Department library. Guest lectures and special coaching classes are conducted in many departments to equip the students to write various Competitive Examinations. The College ensures that the students are constantly updated on information about competitive exams and classes are held through external resource personnel. The College library also is well equipped with adequate learning resources on competitive exams.

5.1.10 Policies of College for Enhancing Student Participation in Sports and Extracurricular Activities

The College is committed to attract students for participating in various sports and extracurricular activities. Students are consistently encouragement and motivated. There is flexibility in admission, fee payment, attendance and evaluation requirements for students who excel in sports. The sports and cultural committees supervise the extracurricular activities. The Students who have a good track record in sports are given admission in the subjects of their choice. They are motivated to participate in the Intra and Inter institutional sports competitions and cultural activities. The college provides financial assistance to the students who are selected for participation in national events. Students participate in the sports competitions conducted by other University and at the State and National Levels. The students participate in the cultural events organized by various University and various inter-

College competitions. Students motivated to participate in quiz competitions.

The privilege given for students for external participation in various events.

Attendance consideration

Time for practice

Free uniform for sports and cultural performances

The students who participate in these competitions are provided flexibility in the internal examinations.

They provided extra time to study and appear for the internal tests on a later date

5.1.11 Institutionalized Mechanism for Placement and Services Provided to Identify Job Opportunities, Prepare for Interview and Develop Entrepreneurship Skills

The Training and Placement Cell promote placement. It provides comprehensive quality programmes and resources for preparing a diverse student population to meet the challenges in the job market in a globalised era. Equips the students to meet the industry / institution requirements. Offers training on placement support, leadership skills, personality development etc. Actively involves in inviting various companies for recruitment and helps the students to get placed in reputed companies. Assists students during the campus interviews conducted by various organizations.

Helps the students to choose their career and trained for the industrial needs. Organizes seminars on career guidance, conducts mock interviews, offers guidance to students for placements and invites organizations for inputs on employment options and for recruitment. Inform the students regarding vacancies offered by the IT Industries and other sectors, through circulars and displays on notice boards. Keeps track of the interviews held and as and when the results are declared, the Cell informs the students regarding the result.

The curriculum designed in such a way that the students' employability quotient is enhanced. The feedback of the stakeholders on curricular matters is given due credit in BOS and Academic Council. The College organizes lectures on career opportunities. Soft skill trainings are a regular feature of the career enhancement modules. Alumni set up businesses of their own.

PROGRAMMES CONDUCTED BY TRAINING AND PLACEMENT CELL

1. BSNL skill development programme by organized by Bharat Sanchar Nigam Limited. About 100 students from various departments of the college were trained for mobile phone repair and service.
2. About 170 students participated in Soft Skill Training Programme by ICT Academy Chennai
3. 100 students of various departments in the college participated in a Training programme conducted by State Bank of India during May 2013- Internship

Training programme for bank employees

4. 30 candidates were selected as sales executives in MDRF and 57 candidates were selected as Sales promotion executives in EUREKA FORBES in 2013
5. 67 students in 2013-14 AND 113 students in 2014-15 were given ENTREPRENEURIAL TRAINING PROGRAMME by India Trust, Chennai
6. 63 students were selected in May 2014 by ICICI bank for in-house training and recruitments.

5.1.12 Number of Students Selected During Campus Interviews by Different Employers for the Last 5 Years

S.No	Batch	Selected Company	No of Students
1.	2008-11	Igate	1
2.	2008-11	Barclays	3
3.	2008-11	Accenture	2
4.	2010-13	Accenture	1
5.	2010-13	RR Donnelley India Outsorce Pvt Ltd	12
6	2010-13	Cognizant	1
7	2011-14	RR Donnelley India Outsorce Pvt Ltd	5
8	2011-14	HP	1
9	2011-14	RR Donnelley India Outsorce Pvt Ltd	2
10	2011-14	Accenture	6
11	2011-14	Cognizant	1
12	2011-14	TNQ Books and Journals	4
13	2010-2014	Eureka forbes Morf India Ltd. Infosys HDP Financial Services Muthoot Finance	14

EMPLOYED IN GOVERNMENT SECTORS

Year	Department	Name	Sectors
2012-14	ENGLISH	Elangovan	Govt Employed (Visually Handicapped)
2012-14		Arun	Police department

2012-14		Prithiviraj	Police department
2012-13	Computer Science	Prabaharan	Police department
2012-13	Computer Science	Srinivasan	Police department

5.1.13 Alumni Association - Activities And Contributions for Development of College

The College has a well-established Alumni Association. The Alumni Association conducts its Annual meeting. The Principal and staff members attend these meetings. The alumni invited to participate in the important programmes of the departments. The Alumni members residing in various parts of India and abroad share their experiences with staff and students during their visit. Enterprising alumni invited to talk to the current students about the career opportunities available in their field of specialization. They expose our students to various methodologies used in research centers and industries.

Alumi co-opted as a Member into the Board of Studies of each department to contribute to restructuring and updating of the curriculum. The Alumni who are employed in corporate sectors come forward to give career guidance to students and / or to conduct campus interviews. They offer career opportunities for the present eligible students.

Contact with the alumni is maintained through social networking. Through mail, Email, SMS and phone calls. The college website posts the dates of the meeting. The official Face book Page of the college also helps in contacting the alumni.

OSA MEET 2015

In the OSA meeting held on 21st February 2015, Dr M. Ravichandran, Associate Professor and Head, Department of English, gave a Power Point presentation on the Growth, Achievements and Needs of the College

Old students Association keynote address was delivered by Shri. V.Nandakumar I.R.S

The list of some prominent alumni who have visited the College in the last five years

S.No	Name	Company
1.	Prabhu Vasudevan	Tech Mahindra
2.	Chandra moorthy	Infosys
3	Vasantha Kumar	Infosys
4	V.Nandakumar	I.R.S

Services provided by the alumni to the Department of English

2010 - Mrs.Habeebunisa Begum, M.A, M.Phil, volunteered to teach English literature students via the techno savy way. She took TEN classes for the second year BA English

students.

2012 - Smt. Jaithoon Nish M.A. engaged a few classes for Foundation English and B.A. Major on a purely voluntary basis.

5.1.14 Student Grievance Redressal Cell - Nature of Grievances Reported and Redressed

The College has a Grievance Redressal Cell. It comprises the Principal, and a senior staff member to address the grievances of students. Grievances pertaining largely to amenities, teaching-learning, library and hostel are received and redressed. The Grievance Redressal Cell actively interacts with the students to help them to solve their grievances. The students are free to share their grievances with the class tutors, HODs and the Principal. Immediate meeting of the cell arranged for addressing the students' issues. It is to attend to both registered and unregistered grievances of the students. Necessary action taken after issues are discussed in the concerned cell.

5.1.15 Cell and Mechanism To Resolve Issues Of Sexual Harassment

The Women's Cell of the College takes care of resolving the issues of sexual harassment. The Cell been instrumental in having staff members positioned strategically to prevent sexual harassment. Seminars on women's right, legal issues and women's empowerment conducted in the College regularly. They guided properly from first day of admission onwards. Students properly taught on moral and value education. They realize their responsibilities. The College takes utmost care in cases of sexual harassment. The college takes measures that it does not occur in the campus.

5.1.16 Anti-Ragging Committee - Instances Reported and Actions Taken

The College encourages senior students to give support, encouragement and help to their juniors. There is an Anti-Ragging Committee or Discipline Committee constituted as per the Government norms. The Staff members, assigned to check the students. They make surprise visits and check for any violations and also interact with the fresher's. The College has so far not received any complaints on this issue due to the unfavorable atmosphere present in the campus

5.1.17 Eliciting Cooperation from all Stakeholders to Ensure Overall Development of Students

It made clear to all the stakeholders that the objective of the College is to impart education. It ensures holistic development of the students at the time of admission, during parent-teacher meetings and again during orientation and counselling sessions. The need and benefits of such an education is also emphasized so that all stakeholders cooperate to ensure overall development of the students. The College takes efforts in maintaining healthy relationship with the parents of the students by involving them in all important matters relating to their wards. The College conducts Parent-Teacher Meetings

every year. Departments receive permission letters from parents to take students to industrial visits, camps, on-the-spot study and any such activity which involves their ward to move from the campus.

Hostel students are permitted to go out for Project work and Internship only after getting permission from their parents. Disciplinary action on violation of College / Hostel rules is taken after discussing with the parents.

5.1.18 Special Schemes / Mechanisms to Motivate Students for Participation in Extracurricular Activities

The College is committed to maximizing student participation in extracurricular activities. The Principal together with the HoDs conducts regular meetings with class representatives, providing a forum for interaction. The Forthcoming activities of the College discussed. The role of students stressed. Motivation is also provided by tutors, as well as other staff members during classroom interaction. These steps have the cumulative effect of creating a sense of inclusiveness in the student, ensuring their willing participation in extra-curricular activities. Staff members are given charge of extra-curricular activities such as debates, quiz programmes, elocution, essay writing and to assist The Physical Director in sports and games, plan programmes for the year. Sports Day Competitions held in all major track and field events.

The following games included in the events:

Badminton, Ball Badminton, Basket Ball, Carrom, Chess, Cricket, Foot Ball, Hand Ball, Kabbadi, Kho-Kho, Volley Ball, etc.

Intramural competitions also held in a wide range of cultural and literary events every year, including Classical dance, Singing, Collage, Painting, Wealth out of waste, Essay, Elocution, Poetry, Drawing, Quiz, Debate, etc.

Outstanding sportspersons honored on sports day with cash prizes, shields, medals and certificates.

Trophies of winners displayed in the Principal's Office. Flexibility shown in attendance requirements to enhance participation in various cultural events outside College.- (On duty is given to the participants)

Ensuring Participation of Women in 'Intra' And 'Inter' Institutional Sports Competitions and Cultural Activities

Women students are given equal opportunity to participate in Intramural and Inter-Collegiate sports competitions and cultural events.

Competitions for Women students are held annually in all major track and field

events like Carrom, Chess, Hand Ball, Kabbadi, Kho-Kho,.

The Women students encouraged to represent the divisional teams in the intra-divisional tournaments conducted by the other University (Inter-University Tournament).

Intramural competitions being held for women students .

Mehandi, Classical dance, Singing, Painting, Wealth out of waste, Essay, Elocution, Poetry, Drawing, Quiz, Debate, Floral arrangement, Vegetable carving (on Specific themes), Rangoli (Thematic) etc.

These programmes conducted for women students by the Departments, the Women's Cell and the Cultural Club.

Women's Day celebrations

2014 - Prof. J. Jeeva of English Department initiated an informal celebration of women's day under the leadership of Dr S.Chandra, the then principal of the college. Talks, PowerPoint presentation, games were conducted. All Women staff members of the college gathered in a fun loving celebration to womanhood.

2015- Prof. Ananthalakshmi of English Department on behalf of the Women's Wing of the college coordinated the women's day celebration under the leadership of Dr S.Sasikala, principal of the college. Eminent speakers, Mrs. Sumitra Chakravarthy (Lawyer, High Court) and Ms. Renuga Thomas (Bank Officer) were invited. The talks motivated the students and staff members to a large extent.

5.2 Student Progression

5.2.1 Programme-Wise Success Rate of College for the Last Five Years.

SA–Students Appeared P% – Pass Percentage

ENGLISH

Course	2009-10		2010-11		2011-12		2012-13		2013-14	
	SA	P%	SA	P%	SA	P%	SA	P%	SA	P%
UG			67	37	69	39	69	16	62	32
PG	-	-	-	-	5	40	36	16	33	18
M.Phil	-	-	-	-	-	-	-	-	12	67
Ph.D	-	--	-	-	-	-	-	-	-	-

MATHEMATICS

Course	2009-10		2010-11		2011-12		2012-13		2013-14	
	SA	P%	SA	P%	SA	P%	SA	P%	SA	P%
UG	38	61	46	28	43	56	45	42	42	12

PG	13	62	19	74	19	79	19	84	39	56
Ph.D	-	-	-	-	-	-	-	-	-	-

ZOOLOGY

Course	2009-10		2010-11		2011-12		2012-13		2013-14	
	SA	P%	SA	P%	SA	P%	SA	P%	SA	P%
UG	44	90	44	72	45	85	45	94	45	84
PG							10	98	11	64
M.Phil									5	60

CHEMISTRY

Course	2009-10		2010-11		2011-12		2012-13		2013-14	
	SA	P%	SA	P%	SA	P%	SA	P%	SA	P%
UG	40	70	42	40	44	72	47	51	48	35
PG	-	-	-	-	-	-	-	-	13	62
M.Phil	-	-	-	-	-	-	-	-	04	100
Ph.D	-	-	-	-	-	-	-	-	-	-

.COMPUTER SCIENCE

Course	2009-10		2010-11		2011-12		2012-13		2013-14	
	SA	P%	SA	P%	SA	P%	SA	P%	SA	P%
UG	42/54	78	51/53	96	39/54	72	51/55	92	47/58	81
PG									15/17	88
M.Phil									8/8	100
Ph.D	-	-	-	-	-	-	-	-	-	-

COMMERCE

Course	2009-10		2010-11		2011-12		2012-13		2013-14	
	SA	P%	SA	P%	SA	P%	SA	P%	SA	P%
UG	131	88	124	72	132	83	130	75	129	64
PG	-	-	-	-	12	75	25	98	24	79
M.Phil	-	-	-	-	-	-	-	-	12	66
Ph.D	-	-	-	-	-	-	-	-	-	-

B.B.A.

Course	2010-11		2011-12		2012-13		2013-14	
	SA	P%	SA	P%	SA	P%	SA	P%
UG	43	72	47	70.2	44	68.1	45	78

ECONOMICS

Course	2013-14	
	SA	P%
UG	6	67

**5.2.2 Percentage of Students Progressing to Higher Education or Employment
(Last Five Years)**
ENGLISH

Student progression	Number of students against enrolled				
	2009-10	2010-11	2011-12	2012-13	2013-14
UG to PG		3	2	3	10
PG to M.Phil.		–	–	–	3
PG to Ph.D.					
Ph.D.to Post-Doctoral					
Employed					
Campus selection					
Other than campus					
Entrepreneurs					

MATHEMATICS

Student progression	Percentage against enrolled				
	2009-10	2010-11	2011-12	2012-13	2013-14
UG to PG		9/38	5/46	15/43	10/45
PG to M.Phil.		3/13	8/19	5/19	4/19
PG to Ph.D.			1/19		
Ph.D. to Post-Doctoral					
Employed					

Campus selection					
Other than campus recruitment		UG: 35/38 PG: 10/13	UG: 42/46 PG: 13/19	UG: 40/43 PG: 15/19	UG: 39/45 PG: 15/19
Entrepreneurs					

ZOOLOGY

Student progression	Percentage against enrolled				
	2009-10	2010-11	2011-12	2012-13	2013-14
UG to PG	60	52	52	66	45
PG to M.Phil.				20	80
PG to Ph.D.					
Ph.D. to Post-Doctoral					
Employed					
Campus selection					
Other than campus recruitment	15	20	25	25	30
Entrepreneurs					

CHEMISTRY

Student progression	Number of students against enrolled				
	2009-10	2010-11	2011-12	2012-13	2013-14
UG to PG	-	-	28	12	08
PG to M.Phil.	-	-	-	-	-
PG to Ph.D.	-	-	-	-	-
Ph.D. to Post-Doctoral	-	-	-	-	-
Employed					
Campus selection	-	-	-	-	-

Other than campus recruitment	45	50	60	55	65
Entrepreneurs	--	-	-	-	-

COMPUTER SCIENCE

Student progression	Number of students against enrolled				
	2009-10	2010-11	2011-12	2012-13	2013-14
UG to PG	-	-	11	4	5
PG to M.Phil.	-	-	-	1	1
PG to Ph.D.	-	-	-	-	-
Ph.D. to Post-Doctoral	-	-	-	-	-
Employed					
Campus selection	6	7	-	-	-
Other than campus recruitment	8	10	20	25	-
Entrepreneurs	-	-	-	-	-

COMMERCE

Student progression	Number of students against enrolled				
	2009-10	2010-11	2011-12	2012-13	2013-14
UG to PG	-	-	-	8	26
PG to M.Phil.	-	-	-	40	8
PG to Ph.D.	-	-	-	-	-
Ph.D. to Post-Doctoral	-	-	-	-	-
Employed					
Campus selection	-	-	-	-	-
Other than campus recruitment	-	-	-	-	-
Entrepreneurs	-	-	-	-	-

.B.B.A.

Student progression	Number of students against enrolled				
	2009-10	2010-11	2011-12	2012-13	2013-14
UG to PG			10	37	23
PG to M.Phil.					
PG to Ph.D.					
Ph.D.to Post-Doctoral					
Employed					
Campus selection					
Other than campus recruitment			42	61	53
Entrepreneurs					

5.2.3 Programme-Wise Completion Rate / Dropout Rate

A–Admitted

L–Left

DR –Dropout Rate

ENGLISH

Course	2009-10			2010-11			2011-12			2012-13			2013-14		
	A	L	DR	A	L	DR	A	L	DR	A	L	DR	A	L	DR
Under graduation	69	-	7	66	-	6	66	2	6	61	8	3	69	-	-
Post Graduation	-	--	--	5	-	-	36	-	3	40	4	4	20	-	-
M.Phil	-	--	-	-		-	-	-	-	-	--	-	12	-	-
Ph.D	-	-	-	-		-	-	-	-	-		-	-	-	-

MATHEMATICS

Course	2009-10			2010-11			2011-12			2012-13			2013-14		
	A	L	DR	A	L	DR	A	L	DR	A	L	DR	A	L	DR
Under graduation	48	5	1	48	3	6	48	6	1	48	6	1	48	0	0
Post Graduation	25	6	2	25	6	2	25	6	2	39	3	1	25	1	1
Ph.D				4	0	0									

ZOOLOGY

Course	2009-10	2010-11	2011-12	2012-13	2013-14
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	A	L	DR	A	L	DR	A	L	DR	A	L	DR	A	L	DR
Under graduation	48		4	48		4	48		3	48	1	2	50		4
Post Graduation							12		2	15		4	18		2
M.Phil													7		2

CHEMISTRY

Course	2009-10			2010-11			2011-12			2012-13			2013-14		
	A	L	DR	A	L	DR	A	L	DR	A	L	DR	A	L	DR
Under graduation	48	0	10	48	0	08	48	0	0	48	01	1	48	2	1
Post Graduation							18	0	3	23	01	4	20	2	1
M.Phil															
Ph.D															

COMPUTER SCIENCE

Course	2009-10			2010-11			2011-12			2012-13			2013-14		
	A	L	DR	A	L	DR	A	L	DR	A	L	DR	A	L	DR
Under graduation	60	5	-	60	2	-	54		4	60		1	60		
Post Graduation							20	-	2	20	-	-	20	3	1
M.Phil										12	2		8		
Ph.D															

COMMERCE

Course	2009-10			2010-11			2011-12			2012-13			2013-14		
	A	L	DR	A	L	DR	A	L	DR	A	L	DR	A	L	DR
Under graduation	70	-	-	70	-	-	70	4	2	70	2	1	70	2	2
Post Graduation	-	-	-	-	-	-	18	-	-	26	2	-	19	3	-
M.Phil	-	-	-	-	-	-	-	-	-	12	-	-	12	-	-
Ph.D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

B.B.A

Course	2009-10			2010-11			2011-12			2012-13			2013-14		
	A	L	DR	A	L	DR	A	L	DR	A	L	DR	A	L	DR
Under graduation	50	4	0	50	0	0	50	4	0	50	1	3	50	1	0

ECONOMICS

Course	2011-12			2012-13			2013-14			2014-15		
	A	L	DR	A	L	DR	A	L	DR	A	L	DR
Under graduation	7		1	42		4	59		0	70		10

PHYSICS

Course	2012-13			2013-14			2014-15		
	A	L	DR	A	L	DR	A	L	DR
Under graduation	25	2		55	5		48	5	

STATISTICS

Course	2012-13			2013-14			2014-15		
	A	L	DR	A	L	DR	A	L	DR
Under graduation	13	1	-	24	3	-	24	-	-

PLANT BIOLOGY AND PLANT BIOTECHNOLOGY

Course	2013-14			2014-15		
	A	L	DR	A	L	DR
Under graduation	13	-	1	40	-	1

NUTRITION, DIETITICS AND FOOD SERVICE MANAGEMENT

Course	2013-14			2014-15		
	A	L	DR	A	L	DR
Under graduation	4	-	-	24	-	-

VISUAL COMMUNICATION

Course	2013-14			2014-15		
	A	L	DR	A	L	DR
Under graduation	36	-	-	40	-	-

DEFENCE STUDIES

Course	2013-14			2014-15		
	A	L	DR	A	L	DR
Under graduation	9	-	-	34	-	-

5.2.4 Number and Percentage Of Students Who Appeared / Qualified in Examinations Like UGC-CSIR-NET, UGC-NET, SLET, ATE / CAT / GRE / TOEFL / GMAT / Central / State Services, Defense, Civil Services, Etc

COMPETITIVE EXAM	Number of students appeared
UGC-CSIR-NET	20
UGC-NET	20
SLET	20
ATE	
CAT	
GRE	
TOEFL	
GMAT	
CENTRAL / STATE SERVICES	
DEFENCE	
CIVIL SERVICES	20

5.2.5 Number of Ph.D. / D.Sc. / D.Litt. Theses Submitted, Accepted, Resubmitted and Rejected in the Last Five Years

Doctoral / Post Doctoral Degree	THESES SUBMITTED	THESES ACCEPTED	THESES RESUBMITTED	THESES REJECTED
Ph.D.	-	-	-	-
D.Sc	-	-	-	-
D.Litt	-	-	-	-

5.3 Student Participation and Activities

5.3.1 Sports and Games, Cultural and Extra Curricular Activities Available to Students - Details of Participation and Program Calendar

The College promotes and makes available to students a wide range of sports and games, cultural and extracurricular activities.

5.3.2 Achievements of Students in Previous Four Years in Co-Curricular,

**Extra-Curricular and Cultural Activities at University / State / Zonal /
National / International Levels**

PARTICIPATION IN VARIOUS COMPETITIONS / CONFERENCES

DEPARTMENT OF ENGLISH

The Department of English firmly believes in the wholesome development of the students and hence tries in all possible ways to mould them for the better by making it available for them the opportunities to showcase their talents. Lt. Arumugathai has been actively involving the students in various inter-collegiate activities to keep them abreast of the academia and non-academia

- A programme entitled “Natrangal” is organized every year by the Department of English to bring out the latent talent in the students.
- For the last two years (2014 and 2015) the department has been training school students from Suyam Charitable Trust for the prestigious Spell Bee Competition (International level)
- Students are encouraged to understand the Gandhian Philosophy of life. Essay Writing Competition is conducted every year by the Gandhi Study Centre and Certificates are distributed.

Sl. No.	Date of the workshop	Name of the workshop	Host Institution	Number of students
1.	16/12/2013	Nature Writing	SS Govt. Arts College Tiruttani	3
2.	10/01/2014	Review Writing	Quiad-E-Millath College for Women, Chennai	4
3.	11/01/2014	Tribal Literature	Ethiraj College for Women, Chennai	4
4.	05/02/2014	Research Methodology for Social Sciences	Ethiraj College for Women ,Chennai	17
5.	9/01/2015	Social Media	Jaya College of Arts and Science, Thiruninravur	8
6.	09/01/2015	Translation	MGR Janaki College for Women, Chennai	2

Details of paper presentation by MPhil Scholars

Sl. No.	Date of participation	Name of the student	Name of the Conference/ Competition	Title of the Paper Presented
1.	03/01/2014	HASEENA. I	Chennai Literary Festival Paper Presentation at University of Madras	"Women in Arundathi Roy's <i>The God of Small Things</i>
2.	03/01/2014	SREE SHANKARI	Chennai Literary Festival Paper Presentation at University of Madras	"Strategies used by the teacher to teach dyslexic students"
3.	12/02/2015	K. SATHISH	Methods and Materials for Teaching English Language and Literature DRBCCC Hindu College, Pattabiram	A Postmodern Approach to <i>The Old Man and the Sea</i>
4.	12/02/2015	B. VASUMATHY	Methods and Materials for Teaching English Language and Literature DRBCCC Hindu College, Pattabiram	Fact and Fiction in Amitav Ghosh' <i>The Calcutta Chromosome</i>

DEPARTMENT OF ZOOLOGY

WORKSHOPS, CONFERENCE AND TRAINING PROGRAMMES ATTENDED BY DEPARTMENT STUDENTS (UG AND PG)

Sl. No.	Date	Name of the student/class	Name of the Conference/ Competition attended/ participated	Organised by
1.	25.09.09 to	III B.Sc	One week workshop on Entrepreneurship	Post Graduate and Research Department of Zoology

	25.09.09	students	Development Programme for Biology	,Government Arts College, Nandanam, Chennai- 35
2.	20-01-10	III B.Sc students	One day Seminar on “Darwinism the other facts of life”	Department of Zoology, Guindy campus, University of Madras, Chennai
3.	12.01.2010	III B.Sc	Demonstration of immunological techniques and Preparation of Antivenom for Snake bites	Mediclone Academy of BioSciences Laboratory ,Chennai
4.	10 th to 12 th August 2010	I B.Sc	3 day State level Youth Carnival –ILAVATTAM	Tamil Nadu State Aids Control Society, Chennai
5	27.9.2011	II B.Sc	One day Workshop on “Microscopy and Photomicrography”.	Post Graduate Department of Microbiology at D.G. Vaishnav College, Chennai
6	21-01-2013	II yr M.Sc	One day workshop on “New Technologies in fish culture and its production”	Tamil Nadu Veterinary and Animal Sciences University Vepery organized by Fisheries Department , Madhavaram

7	07.02.2013	I yr B.Sc	Observation of various reptilian fauna- Film show on Reptilian Evolution – Live Identification of Poisonous and Non Poisonous snakes	Snake Park, Guindy, Chennai
8	30 th and 31 st July 2013	S.Siva III B.Sc	Two day Orientation Programme on the “Role of Youth Health Clubs to prevent Non Communicable diseases”.	Youth Health Movement, University of Madras and HCLT foundation,at Cancer Institute,(WIA),Adayar,Chennai
9.	26 th -27 th April 2013	II yr M.Sc	Two day workshop on Polymerase Chain Reaction Technique.	Eppendorf at M.V Convention Centre, Chennai
10	23 rd and 24 th January 2014	M.Phil students	National Conference on Zoology for Future Education and Research”	Department of Zoology at Queen Mary’s College, Chennai.
	21-02-2014	S.Siva, III B.Sc, Zoology	National Seminar on Biodiversity and Climatic change	Department of Botany, Queen Mary’s College,Chennai
11	13-03-2014	III yr B.Sc	Energy sustainability and the Environment” Coordinated by Dr Bharat Bhusan, Scientist, Vigyan	Organised by Vigyan Prasara , Department of Science and Technology and Department of Media sciences, CEG campus, Anna University

Prasar and Dr I.Arul
Aram, Head,
Department of Media
sciences

12	15 th - 19 th September 2014	S.Siva III B.Sc Zoology	National Workshop Biotechnological Innovations-Hands on Training in Dyeing and Printing technique/PET bottle construction	PG and Research Department of Biotechnology, Women's Christian College, Chennai
13	18 th -20 th Dec 2014	S.Siva III B.Sc Zoology	Participation in Third Indian Biodiversity Congress- IBC 2014	SRM University, Chennai
14	03-01-2015	S.Siva III B.Sc Zoology	National Seminar on Current Scenario of Plants as potential Drugs	Department of Plant Biology and Plant Biotechnology, Quaid – E- Millath Government Arts College, Chennai
15	28-01-2015	S.Siva III B.Sc Zoology	BUSINESS INTRICACIES- 2015 Workshop on Herbs and Entrepreneurship	PG Department of Microbiology, DG Vaishnav College, Chennai
16	19-02-2015	S.Siva III B.Sc Zoology	Workshop on Edible Mushroom Cultivation	Department of Botany, RKM Vivekananda College, Chennai

SKILL DEVELOPMENT PROGRAMME ATTENDED BY III B.Sc Zoology

Sl. No.	Date	Name of the student/class	Name of the Conference/ Competition attended/	Organised by
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participated

1.	03-08-2013	III B.Sc students	Skill development training programme, Rajiv Gandhi Memorial Telecom Training Centre, Meenambakkam, Chennai	Tamil Nadu Skill Development Mission, Department of Employment and Training, Government of Tamil Nadu and Bharat Sanchar Nigam Limited
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INTERCOLLEGIATE AND INTERDEPARTMENTAL PARTICIPATION

Sl. No.	Date	Name of the student/class	Name of the Conference/ Competition attended/ participated	Organised by
1.	29-01-2010	III B.Sc students	DARWIN 2000	Inter collegiate Photographic competition held at Department of Zoology, R.K.M.Vivekananda College Chennai
2.	28-09-2011	I yr B.Sc Students	Intercollegiate competition	Department of Plant Biology and Plant Biotechnology, Quiad-E-Millath College for Women, Chennai

3.	11-09-2013	S.Siva, III BSc, P.Gowtham ,II B.Sc	Participated RUN FOR THE NATION	Commemorate 150 th Birth Anniversary of Swami Vivekananda, Vivekananda House Triplicane,Chennai
3.	27-09-2013	III yr B.Sc and I M.Sc students won prizes in Vegetable and Fruit Carnival competition	GLORIOSA CENTEURA Intercollegiate competition	Department of Plant Biology and Plant Biotechnology ,Queen Mary's College
4.	12-02-2014	III yr B.Sc	Interdepartmental competition	Department of Nutrition, Food Service Management and Dietetics, Dr Ambedkar Govt Arts College, Chennai-39
5	February 2014	II yr B.Sc won third prize	Interdepartmental Rangoli competition to motivate Awareness to public on Voting	Dr Ambedkar Govt Arts College, Chennai- 39
6	15-02-14	P.Gowthaman- II B.Sc Zoology- won third place	NATRANGAL- programme - Tamil oratorical competition	Department of English. Dr Ambedkar Government Arts College, Chennai -39
7	10-03-2014	P.Gowthaman- II B.Sc Zoology won first place	DRUG AWARENESS PROGRAMME	Conducted by NIB CID Chennai

8	21-08-2014	P.Gowthaman- II B.Sc and S.Siva III B.Sc Zoology won Consolation prize	Science Exhibition	Department of Physics ,Queen Mary's College in commemoration with 100 th year celebration of the college in presence of Dr APJ Abdul Kalam
9	03-09-2014	P.Gowthaman- II B.Sc Zoology won second place	Health for All - HEFA 2014	Department of Nutrition, Food Service Management and Dietetics, Dr Ambedkar Government Arts College
11	Feb 2015	III yr B.Sc	Biodiversity Conservation- Intercollegiate Competition – Vegetable carving , Floral arrangement, and Waste from Wealth	Dept of Zoology, Queen Mary's College, Chennai
10	Feb 2015	S.Siva III BSc won third place in Business plan	EmPower -Interdepartmental Competition	Department of Business Administration , Dr Ambedkar Government Arts College,Chennai

COMPETITIONS CONDUCTED FOR STUDENTS BY THE DEPARTMENT OF ZOOLOGY

Intercollegiate competition –Bicentenary celebration of Darwin –Darwin 2000 - February 2nd 2010

Interdepartmental Competition- Science Day Celebration in association with Indian

Science Forum- February 2nd 2011

DEPARTMENT OF MATHEMATICS

STUDENT PARTICIPATION-DEPARTMENT OF MATHEMATICS

Sl. No.	Date	Name of the student participated	Name of the Conference/ Competition	Organised by
1.	15-3-2014	G.K.Arun , P.R.Balachander,A.Bhoobalan, Cinnaraj, Kumerasan –II M.Sc Maths	National Symposium on Mathematics and Computer Application- NSMCA 2014	Department of Mathematics Women Christian College, Chennai
2.	27-03- 2014	G.K.Arun , P.R.Balachander, A.Bhoobalan, P.Raja- II M.Sc Maths	International Conference on Mathematics in Modern Technology	Department of Mathematics Queen Mary's College , Chennai
3.	07-02- 2015	P.Raman , R.Manohar, Nilavoli , Murugammal –II M.Sc ,G.Jayanathan, K.Raja A.Sekar ,M.Mahadevi, S.D.Manju priya – I. MSc	Participate in National Workshop on Scientific Computing – Today challenges	Department of Mathematics JBAS College, Teynampet
4.		P.Raman , Raja, Kumar, Kumaresan, Shanthi, Murugammal –II M.Sc	Participated in Breakthrough in Science Society organized	Madras University , 2014

STUDENT SELECTED FOR STUDY ABROAD PROGRAMME

Mr. Mohamed Hassan Yasin of II M.Sc. Mathematics (2012-14) was selected for **Study Abroad Programme - 2013** at U.K., instituted by **Department of Higher Education, Government of Tamil Nadu.**

**DEPARTMENT OF NUTRITION, DIETITICS AND FOOD SERVICE
MANAGEMENT**

Sl. No.	Date	Name of the student	Name of the Conference/ Competition	Organised by
1.	January 8 th 2015	E. Hemalatha won the first prize	Inter collegiate Essay writing competition	Government Multi Specialty Hospital, Omandur Estate ,Chennai
2.	February 2015	Saravanan. S and N. S Lakshmi won the second prize	Inter departmental quiz competition	Department of Computer Science, Dr Ambedkar Govt Arts College, Chennai
3.	November 2014	Revathy. M and Saranya .S won the third prize	Vegetable carving competition	Agarsen Jain College, Madhavaram, Chennai

Interdepartmental Competition- Vegetable carving, on 12-02-2014

A two day Interdepartmental competition – Essay writing, Quiz competition , Oratorical, HEFA 2014 on 2 and 3rd September 2014

DEPARTMENT OF PHYSICS

Sl. No.	Date	Name of the student	Name of the Conference/ Competition	Organised ny
1.	Feb. 19-28, 2015	20 UG students	Centenary celebrations of Sir. C.V. Raman	Department of Physics, Presidency College

2		Balaraman and Sivashankar I yr Physics won third prize	Poster Presentation.	
3	Feb. 2014.	W. Priscilla won Prize	Essay writing competition	Science City, Chennai,

DEPARTMENT OF COMMERCE

Sl. No.	Date	Name of the student	Name of the Conference/ Competition	Organised by
1.	February 2013	Murali, Mohan , Jennifer, Chitra - I and II M.Com	National Seminar	Department Of Commerce ,Quaid- E- Millath Government College for Women ,
2.	February 2014	M.Phil Students of Commerce	National Seminar	Department of Commerce at Annai Lady Violet College for Women ,Ambattur
3.	19-02-2015	III B.Com students Chandrasekar, Mohammed Sabir, T.K.Mohan	Quiz programme	Department Of Commerce, at Mohammed Sathak College of Arts and Science, Sholinganallur

DEPARTMENT OF PLANT BIOLOGY AND PLANT BIOTECHNOLOGY

Sl. No.	Date	Name of the student	Name of the Conference/ Competition	Organised by
1	1-10-2014	II B.Sc students	"MICROMASTSURJ – 2014"	PG Department of Microbiology, DG Vaishnav College, Chennai
2	09-10-2014	II B.Sc students	Inter-Collegiate Wildlife fest – 2014	Ramakrishna Mission Vivekananda College, Mylapore, Chennai-
3	18 th -20 th Dec 2014	II B.Sc students	Participation in Third Indian Biodiversity Congress- IBC 2014	SRM University, Chennai
4	06-02-2015	II B.Sc students	"Intercollegiate Seminar on New Horizons in Bio-sciences"	Jaya College, Thiruninravur
5.	19-02-2015	II B.Sc students	"Mushroom Cultivation	Department of Plant Biology and Plant Biotechnology at Queen Mary's College

DEPARTMENT OF VISUAL COMMUNICATION

Sl. No.	Date	Name of the student	Name of the Conference/ Competition	Organised by
1.	13-03-2014	II yr students	One Day Media Workshop on Environment, Sustainability and Energy	Anna University, Guindy, Chennai

PHOTOGRAPHY EXHIBITION- A Two- day photographic exhibition was held on 3rd and 4th September 2014 for the students of the Department to bring out their talents in photography

DEPARTMENT OF CHEMISTRY

Sl. No.	Date	Name of the student	Name of the Conference/ Competition	Organised by
1.	08-03-2013	M.Sc students	Rangoli and Poster presentations	Jaya College of Arts and Science, Thiruninravur

STUDENT SELECTED FOR STUDY ABROAD PROGRAMME

Ms.A.P. Riyanath student of **II M.Sc Chemistry** went to **London, UK** for the Study abroad program offered by Government of Tamil Nadu and she successfully completed III semester in Sheffield Hallam University.

DEPARTMENT OF BUSINESS ADMINISTRATION

NAME OF THE STUDENT	EVENT PARTICIPATED	ORGANISED BY	DATE	PARTICIPATION /WON
R. Hariharan	Creative Stimulation Workshop	Sugam Charitable trust and DRBCCC Hindu college	30.10.2010	Participation
N.Rekha C.Rajaeswari	Illavatham – A State Level Youth Carnival	Tamilnadu State Aids Control Society	10-12 th August 2010	Participation
Lavanya.S	Rugby tournament	II South India Inter- College TA Rugby Tournament	28.-29 th Jan 2011	Semifinalist
L.Deepalakshmi S.Indhararni	Debate- COMMERCIO HUB 2012	Dept Of Commerce- Quaid-e- millathGovt Arts College	24.1.2012	I Place
Deepalakshmi. Lavanya,S PreethiShree.C Premalatha.A Murugan.M StellaMary. Divya.G Maria Doss.A	Workshop on Employability Skills	PRIST university – Chennai	2.8.2012	Participation
AppanRaj.S K.Senthil	Gerentia -2012 - Fashion Parade AdZap	Faculty of management Studies- Dr.MGR Educational and Research University	27 th and 28 th Sept 2012	Participation
Disiliva.J	Paper Presentation- International Conference on Innovative Practices in Global Business	Department Of Management Studies- Nehru Institute of Technology	5. Feb 2014	Participation
K.Majith Khan	Passed paper-My Experiments with Truth	Gandhi Study centre	30.01.2014	First Place
Appanraj.S& Divakar. C.	Best manager – Aspirants MBA	Department of Business	26.02.2014	Participation

Chitra. S& Senthil.K& K.Majith Khan& Maria Aravind.s Maheshwari. Basheer Ahmed Thulkkanam.M& Disiliva.J	2014 Adzap- Aspirants MBA 2014 Poster Designing- Aspirants MBA 2014 Business Quiz- Aspirants MBA 2014	Administration Mohammed Sathak College of Arts and Science		
Divakar.C Disilvia.J	Paper Presentation – “Changing Paradigms In Banking Sector- Green Banking”	National Conference on Banking in Economic Development K.C.S.KasiNad ar College of Arts and Science	12. Sep 2014	Participation
G.Swetha& S.Kumar S.Maria Aravind S.Appan raj Divakar.C	One day National Conference On Global Transition And Its Impact On Indian youth	Tagore Engg Coll Dept Of Management Studies	12.12.2014	Participation
G.Swetha	Paper Presentation – “Changing marketing patterns of marketing- Green marketing”	National Conference on business scenario in India “Opportunities and challenges” K.C.S.KasiNad ar College of Arts and Science	10.10.2014	Participation
S.Richardraj& J.Hariprasath M.Rajesh	Poster Designing Adzap	Department of Business Administration Mohammed Sathak College of Arts and Science	19.2.2015	First place
S.Gangeyan &M.Selvakumar	Business Quiz	Department of Business	11.3.2015	Second place

J.M.Srinivasan S.Appan raj	Adzap Business Connection	Administration Sree Sastha Institute of Engineering and technology.		
S.Richardraj& M.Rajesh S.Kumar S.Maria Aravind V.Saravanan V.Saravanan J.Hariprasath S.Kumar S.Maria Aravind	Adzap MIME	Inter collegiate cultural festival Presidency college	10th to 12 th /3/2015	First place First place
G.Swetha	Paper Presentation – “Changing marketing patterns of marketing- Green marketing”	National Conference on business scenario in India “Opportunities and challenges” K.C.S.KasiNad ar College of Arts and Science	10.10.2014	Participation

5.3.3 Collection and Usage of Feedback from Students for Improving Support Services

Feedback is collected from every student at the end of the year on the positive, negative aspects and suggestions for improvement of support services such as, Infrastructure Facilities, Canteen Services and Hostel Facilities. Consolidated report is prepared and sent to the respective support services for improvement. Necessary measures taken to improve the facilities.

5.3.4 Mechanism to Seek and Use Data and Feedback from Graduates and Employers to Improve Growth and Development of College

The College has a well developed mechanism for collecting feedback from the students.

The final year students (both UG and PG) given a prescribed format for feedback related to curriculum and teachers' performance. The student representatives met

periodically to obtain the grievances and feedback about the schemes introduced in the College. The views of students consolidated and implemented. The students also involved in providing a feedback about the teaching staff and their teaching methodologies.

Feedback collected from alumni during alumni meetings and graduation day functions, to ascertain their views on curriculum, infrastructure facilities and suggestion for improvement and development of the College. Data collected evaluated by the Principal and HODs for further necessary action. The feedback given by students pursuing higher education serves as an effective tool to introduce need based changes in the syllabus. It has been helpful in improving the overall efficiency of the College. The Training and Placement Cell collects feedback from the students, who are employed in various organizations. These inputs are used to improvise the overall competency of the students for employability. The companies visiting for campus recruitment provide feedback on the students. Feedback from the employer, detailing job requirements help us identify inclusion of relevant units in the syllabus. The growth and development of the College enhanced based on this.

5.3.5 Involving and Encouraging Students to Publish Materials Like Catalogues, Wall Magazines, College Magazine - List of Major Publications

The students design posters, brochures, handouts and invitations for various academic programmes and extension activities organized by the College with the encouragement and support of staff members. They contribute to magazines and research journals with the help of staff members. Students present papers in various symposia / seminars / conferences. Students have presented their research work as a poster for which they design the same

5.3.6 Student Council - Constitution, Major Activities and Funding

The College has a Student Council.

All UG and PG classes have a representative and an assistant elected by the class students who represent the class in all matters.

The representatives and assistants collectively function as a Student Council. The representatives select the Chairman, Secretary and other office bearers. The council also undertakes review of activities and planning and execution of department programmes. The

activity does not involve /involve major funding. The Student Council organizes various programmes inside the campus, such as Environment protection day, AIDS Awareness Day, Voters Awareness day, Pongal Vizha. They render voluntary services during College programmes and functions. Student Council members also render help during Admission time. They show active involvement in maintaining the ambience of the College campus.

5.3.7 Academic and Administrative Bodies Having Student Representatives and Their Activities

Old student representatives (alumni) are included in the Board of Studies (BOS).

In future, the College plans to include current student representatives, the BOS subject to approval from the affiliating University.

Student representative are present in the department associations / clubs.

They represented in committees of the Clubs and Cells such as, Sports Advisory Committee, Library Committee, NSS Advisory Committee, Hostel Advisory Committee, Spiritual Committee, Cultural Committee, Magazine Committee, Students Welfare Committee, Women's Cell, Grievance Redressal Cell, etc.

They interact with the Student Council and take decisions concerning events such as Teachers' day, Women's day, Environment protection day, AIDS Awareness Day, Voters Awareness, Pongal Vizha, Cultural Day, which are primarily organized by students.

They also make representations about common grievances or proposals

Criterion VI

GOVERNANCE, LEADERSHIP & MANAGEMENT

CRITERION VI : GOVERNANCE, LEADERSHIP AND MANAGEMENT**6.1 Institutional Vision and Leadership:**

The birth of Dr. Ambedkar Government Arts College could be traced to the aspiring masses, an understanding state and a co-operative community. In the late sixties the clamor for an institution of higher education for the children of North Chennai was steadily increasing. So the Government of Tamilnadu, individual and corporate philanthropists and film stars joined hands with the common people of North Chennai to give a concrete shape to their dreams. Efforts commenced in 1971 when the Government of Tamilnadu located a huge lake lying South of Madras-Calcutta National Highway as the site for the proposed College. The significance of the role this College was going to play in future, is seen in the sharp contrast that marks its arrival from the birth of grandiose institutions. Though land was located, money needed to be raised. Now the Government setup a Fund Raising Committee with the Madras District Collector at the helm. The Committee organized Benefit Matches where film-stars wielded the willow for the cause. Company philanthropy and common people together mobilized the Government stipulated sum of Rs. 5 lakhs (Rupees five lakhs only) and the first brick was laid on clayey soil on 01/08/1972. The Hon'ble Minister for Harijan Welfare played a noteworthy role consistently. It must be recorded that the same aspirations of the people, which helped found the College in 1973, continue to inspire and guide the teachers and supporting staff of the College to this day.

With affiliation coming from Madras University, in steady trickle, academic work which never steers away from the moorings of the founding spirit of the College, commenced in the Pre-university class rooms in August 1973. When the three floor building was ready in 1974, the Madras University gave affiliation for B.Sc. (Chemistry) Degree Programme, the first undergraduate course of the College. Five years thereafter B.A. (English Literature) and B.Sc. (Zoology) Degree courses got the nod. And in 1981 came B.Sc. (Mathematics). 1991 saw the inauguration of the B.Sc. Computer Science Programme, thanks to the generous support of the Madras Port Trust, which constructed the new building to house the Department and Classes.

6.1.1 Vision and mission of the College

The Vision of the College is to produce students who excel in their chosen fields, academically and professionally. It aims at the all round development of the young school boys and girls who enters their gates and hopes to mould them into a young citizen of the nation who is dependable, honest, committed and has a sound value system. With this in mind, Dr.Ambedkar Arts College aims at imparting an education that not only propels the student up the career ladder, but also makes them a responsible citizen.

6.1.2 Mission statement of the College

Mission statement defines the College's distinctive characteristics in terms of addressing the needs of the society, the students it seeks to serve, College's traditions and value

orientations, vision for the future, etc. With the Government assistance, the College provides free tuition, scholarships, free bus pass, career guidance and employment services.

6.1.3 Involvement of leadership in various spheres

1. Ensuring the organization's management system development, implementation and continuous improvement: The leadership includes the Principal as the Head of the Institution, the members of the Council which includes the H.O.Ds of all departments and the Controller of Examination. Periodical meetings of the Council and frequent interactions with the Staff Club members and Students' Union ensure the organization's management system development, implementation and continuous improvement.

2. **Interaction with stakeholders:** The leadership has adopted the strategy of conducting periodical tutorial system, parents-teachers association meetings, discussion with students' union and class representatives, and various extension activities in the neighborhood community for sustainable interaction with the stakeholders.

3. **Reinforcing culture of excellence:** The leadership encourages the students and staff to participate in the co curricular and extracurricular activities like intercollegiate State / National competitions, extension activities, NSS, Red Ribbon Club, YRC, Rotaract, and Consumer Club etc. The achievers are honored in the assembly. The staff members are encouraged to pursue research activities and to participate and organize seminars / workshops / conferences at national and international levels. They are also given special permission on duty to attend refresher and orientation programmes. They are encouraged and motivated to be a member of various academic bodies.

4. **Identifying needs and championing organizational development:** The needs of the students are identified through students' representatives and union office bearers meetings and tutorial system. The infrastructural needs of the college and the individual departments are fulfilled by the optimum utilization of funds received from State Government, UGC and alumni. It also gets sponsors from industries and non government organizations for the development of infrastructure.

6.1.4 Senior leadership positions of the College vacant for more than a year

The senior leadership positions are never vacant because the next senior faculty nominated as will be charge till the vacancy is filled by the Government.

6.1.5 Statutory bodies and its meetings at the stipulated intervals

The College ensures that all positions in its various statutory bodies namely Academic Council, Governing Body and Finance Committee are filled and meetings are conducted at the stipulated intervals.

6.1.6 Culture of participative management and the levels of participatory management

The College always promotes a culture of participative management to ensure transparency both in academic and administration. The College has a council of members comprising of Heads of the Departments and Controller of Examination headed by the

Principal and all decisions are taken in the council meetings by adopting resolutions after deliberate discussions in each and every matter in the best interest of the institution. The Heads of the Departments conduct periodic meetings with the faculty members and their suggestions are carried to the Council which directly means that every faculty member takes part in the academic and administrative matters of the College. Besides, the teachers' participation in management is encouraged through the Staff Club.

At non teaching level, the Bursar as the financial head and the office Superintendent as an executive head take care of the matters related to administration in consultation with the Principal who in turn, puts the matter before the College Council for making decisions. Students are encouraged to participate in the College management through their union.

6.1.7 Academic and administrative leadership provided by the University to the College

University of Madras offers membership in Academic Council, Senate, Syndicate and Board of Studies. The teacher who is the member of the Academic Council of University of Madras can contest the election to become a member in Senate and Syndicate.

6.1.8 Strategy adopted for grooming the leadership at various level

The College adopts the following strategy to groom leadership at various levels: 1. Duties of the College are distributed to the departments in rotation. (for example, Autonomous Examination, Central Valuation, Students Union in charge, College cultural, UGC, NAAC, OSA, Placement in charge etc).

Opportunities are provided to the faculty to lead the extracurricular and co-curricular activities like NSS, YRC, Red Ribbon Club, Rotaract etc. The College provides orientation to the students through Equal Opportunity Centre of the College and with the support of the NGOs like YRC, Rotaract etc. It helps the students to realize their social responsibilities and develop leadership qualities.

6.1.10 Values which reflected in various functions of the College

The basic quality of commitment is ensured in every sphere. Most of the major functions are committee based with a coordinator heading the committee. The Principal as head of the institution is consulted on all matters and targets are made for each task on hand. Allotment of duties and subsequent verification that work has been accomplished ensure that every member does her allotted work.

The functions are fulfilled in a spirit of unity and camaraderie for the most. Since every staff member is united in her role as member of the institution, there is a feeling of joint responsibility in the doing of the jobs allotted.

Contribution to national development: The College has activities grouped under NSS, Rotaract, Youth Red Cross, Rotaract and Exnora through which outreach programmes are undertaken in the community. Dr.Ambedkar Arts College College has been selected as one of the Nodal centres to provide free coaching classes for the IAS aspirants.

National Cadet Cops

One of the most noteworthy and memorable achievements of our NCC unit was the adventurous cycle expedition from Chennai to Mumbai. The team consisted of 12 cadets accompanied by a JCO and an army back-up unit. The aim of the expedition was to create public awareness on AIDS and Child labour. It took 18 days to complete the expedition. It also gave the cadets an exposure to the social problems prevalent in the various part of India. The expedition covered the States of Karnataka , Andhra, Goa and culminated at the Raj Bhavan of Maharashtra. It was indeed a thrilling experience for the cadets to have a meeting with the Governor of Maharashtra.

Cadet D.Savitha added a feather to the cap of our NCC unit by being selected as the best cadet in Tamilnadu . She also attended the award function in New Delhi in the same year. Five cadets from our college participated in the Independence Day celebration .Our cadets with unflinching interest participated in full strength in tree planting function and rallies against the use of tobacco and plastic materials. They also propagated the awareness on RWH, road safety and HIV infection. Our cadets evinced keen interest in donating blood to various blood banks. A few of them attended blood donation camp held at Madras Medical college , Stanley Medical college and M.G.R. Medical University , Chennai. A blood donation camp was organized in our college with the assistance of Lions Club to highlight the importance of blood donation.

National Service Scheme

Two hundred volunteers are on roll during these years in our college National scheme. Our college was represented in the Republic Day parade every year. A programme officer of our college led the NSS unit in the Republic Day parade in the year 1996 at Delhi.

In the year 2002-2003, a blood donation was organized . Eighty-three volunteers donated blood in the camp. The NSS programme officers conducted a camp at Thirukkandalam village for 10 days. In these special camps, our volunteers repaired the roads and cleaned the streets. The surroundings of the temple area in the village were also cleaned. Hundreds of saplings were planted. The villagers were explained the evils of alcohol addiction. Awareness was created about the AIDS infection. The importance of rain water harvesting (RWH) was explained to the villagers. Rain water facilities were installed at many places.

Our volunteers donated blood at several camps. The annual special camps was held at Thirukkandalam village for the second time .Our volunteers cleaned the school ground and the village temple. Rainwater harvesting facility was installed at the village school. The volunteers also extended their services to the neighboring villages.

Seventy five students participated in the transplantation games conducted in the Rajarathinam stadium , Egmore , Chennai. Special Karate classes were held for the college students. First- Aid methods were also taught to the volunteers. During Deepavali festival , our volunteers helped the police in traffic regulation.

Youth Red Cross

A unit of Youth Red Cross with the strength of 48 student volunteers of both boys and girls was started on 25.10.2004 . He coordinated various activities of this unit. The activities that were carried out under the Youth Red Cross mainly included public assistance programme such as traffic regulation ,care to the patients in the various hospitals, organizing of First -Aid teaching classes to the volunteers and Adult Education programme. The YRC unit of our college interacts with the NGO and St.Johns Ambulance at regular intervals and also recruits First-Aid instructors.

Our sportswomen have taken part in national and Contribution to national development: The College has activities grouped under NSS, Rotaract, Youth Red Cross, Rotaract and Exnora through which outreach programmes are undertaken in the community.

Our sportswomen have taken part in national and international competitions. College provides Business English Certificate Course and Soft skill programmes to the students in order to equip them to compete in global competitions. As a result, two of our students in PG (one in Physics & another in Commerce) have been selected to study at UK universities for their 3rd semester sponsored by TNSCHE (Tamil Nadu State Council for Higher Education). Periodic updating of syllabus, introduction of new papers and internship in companies and NGOs facilitate the fostering of global competences among students. Inculcating a value system among students: College at UG level offers a paper titled Value Education to inculcate moral and ethical values and an another paper on Environment Studies for creating awareness on clean and green surroundings. The inter and intra college competitions organized by the departments promote the growth of team spirit and tolerance. Orientation programmes for the fresher, Career and Guidance Cell, Students' Welfare Committee also inculcate a value system among the students. Our weekly assemblies lay great stress on moral values.

Organized One day Seminar by the Astronomy Club on 7th March 2012, and delivered a Lecture on "A Journey to our galaxy and beyond" and Mr. Vinoth Kumar, Member TN Astronomical Association delivered a Lecture on "History of Astronomy". Along with the students of our College, students from Sri Sayee Vivekananda School are benefited. Organized One day Seminar on "Astronomy – the myths and Reality" on 21July 2010. In 2014 Empowering oneself breaking the glass ceiling and career avenues, career prospectus on advertising industry, business taxation, Job guidance programs was conducted to update students knowledge and awareness.

Promoting use of technology: The distribution of laptops to the UG students has made them conversant with the latest technology. Students are encouraged to use laptops for assignments, seminars and projects. Quest for excellence: Our institution has a dedicated team of Faculty

whose quest for knowledge has been bountiful. Nine Science Departments of our College have been sanctioned to fulfill their quest for excellence in scientific research.

Six departments has recognized for conducting Ph.D research programme and five departments are conducting M.Phil programme.

College provides all necessary supports for research activities, organizing Seminars/Workshops and Paper presentation at National and international levels. A common computer teaching program for all the Non computer students was initiated in the year 2000 by Govt. of Tamil Nadu and classes conducted by NIIT.

6.1.11 Give details of the UGC autonomous review committee's recommendation and its compliance

The Autonomous Review Committee visited the College and the Committee reviewed the functioning of the College and after its review the Committee recommended to strengthen / increase the infrastructures like class rooms, civil rectification of laboratories, construction of new buildings, library facilities, improving the conditions of toilets and drinking water supply. The Committee also recommended the appointment of permanent Principal and filling up of vacant teaching posts and regular meeting of Governing Body and Finance Committee as per the requirement of UGC Guidelines for improving the performance of the College.

To fulfill the Autonomous Review Committee recommendations the Government of Tamil Nadu has appointed a permanent Principal and regular teaching staff to various departments. Each department had purchased books for the amount of Rs.50,000/- for general library under Tamil Nadu Government Fund. Finance Committee and Governing Body meets regularly to strengthen the performance of the College.

6.2 Strategy Development and Deployment

Every new development in academics or infrastructure is exploited for the benefit of the students. With the primary aim of bettering the lot of the student in a holistic manner, the college is well in tandem with the trends, be it in syllabus framing, or exploitation of latest technological means.

6.2.1 Perspective Plans for development and its strategy

The College has specific plans of development in its academic and administrative units and strategy for its implementation to improve the overall quality of the functioning of institution. Development plan for teaching and learning: Providing diverse opportunities such as access to internet by creating Wi-Fi facilities in the campus, creation of smart classrooms in all departments, increasing the optional papers for interdisciplinary approach etc for all students to develop qualities of critical enquiry and independent learning within a supportive and intellectually stimulating learning environment. A common computer teaching program for all the Non computer students.

Research and Development: At present 6 departments offer Ph.D and 5 departments offer M.Phil Degree. It is proposed to have Ph.D and M.Phil in all the arts and science departments. The entire faculty will be motivated to take up major and minor research projects by availing

funding supports from external agencies and publish their research works in the reputed journals at national and international levels. Each department Publish more than 10 papers every year. Faculties attended many national and international conferences and presented papers.

Community engagement: The College has a plan to establish a Community College to engage the active involvement of community in community development activities.

Human resource planning and development: Steps are being taken to fill the existing teaching and non teaching vacancies. In the meanwhile, government appointed Guest Lecturers as well as menial staff, funded by the P.T.A are being made full use of.

Industry interaction: There is a plan to introduce internship programmes to PG students in collaboration with various industries. These will enrich the employability skill of the students. The placement cell of the College has a plan to invite the companies to train the students based on their needs.

6.2.2 Internal organizational structure of the College for decision making process and their effectiveness

Principal is the academic and administrative Head and teaching and non teaching staff work together for the effective functioning of the College.

6.2.3 Number of proposals initiated / implemented during the last four years

The following proposals were initiated and implemented during the last four years:

1. Constructed new buildings with many class rooms.
2. Constructed new buildings for digital library.
3. Wiring works carried out in the Botany department.
4. Computers distributed for all departments.
5. Purchased tables and chairs for both students and faculty.
6. Drinking water provision made for the students by installing water purifiers

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6.2.4 Grievances / complaints are promptly attended and resolved effectively.

The College ensures that grievances / complaints received from students and staff are promptly attended and resolved effectively. Besides the grievances cell, the complaint box is placed in front of the Principal's office. The letters from the complaint box are collected and analysed by the Principal and senior faculty to find out the nature of grievances for promoting better stakeholder-relationship.

6.2.5 Mechanism for analyzing student feedback on institutional performance

The IQAC of the College collects feedback from the students on the aspects of curriculum, teaching methods and institutional performance. If the College identifies any problems by the appraisal of the students, the serious steps will be taken in this regard to improve the performance of the College.

6.2.7 Affiliating University and its support to identify the developmental needs of the College

Dr. Ambedkar Arts College is affiliated to University of Madras. It periodically conducts an Academic Council meet to discuss the developmental needs of the College.

6.2.8 College Development Council (CDC) the affiliating university and its support to the affiliating Colleges

College Development Council which exists in the University of Madras supports the College for the review of autonomous status, getting funds from UGC and forwarding the research proposals of the faculty to UGC for minor and major research projects.

6.2.10 Autonomy to academic departments

College encourages autonomy to the academic departments in curriculum development, conducting internal test and model exam, organizing Association meetings, seminars, workshops and conferences, internship for the students etc.

6.3 Faculty Empowerment Strategies**6.3.1 Efforts made by the College to enhance the professional development of teaching and non teaching staff**

Staff members are provided special O.D to attend skill based training programmes, orientation and refresher courses, seminars and conferences at national and international levels etc. The IQAC organizes seminars periodically to instill the updated knowledge in various fields.

6.3.2 Welfare schemes available for teaching and non teaching staff

Teaching and nonteaching staff can avail all the welfare schemes made by the Government of Tamil Nadu for the staff.

6.3.7 Impact of the University's UGC-Academic Staff College Programmes in enhancing competencies of the College faculty

University's UGC Academic Staff College conducts various programmes like short term courses, orientation and refresher courses for enhancing competencies of the College faculty. The teaching staff have modified their teaching methodology after attending various courses of the Academic Staff College of various Universities.

6.4 Financial Management and Resource Mobilization**6.4.1. Institutional mechanism to monitor effective and efficient use of financial resources**

Being a Government College the financial resources are from the government (Budget Allotment) through the Head of Department that is the Director of Collegiate Education. The

fees permitted by the Tamilnadu Government are being collected from the student every year and are deposited under relevant heads in the State Bank of India (Treasury Branch). Receipts and Expenditure statements are prepared every month reconciled with Treasury (Pay and Accounts Office) and sent to the Head of Department. The Head of Department in turn reconcile the figures with Accountant General. The fees collected from the students under various heads such as Union, Games, Magazine, Calendar, etc. are being spent for the purpose for which it was collected on resolution by the committee formed every year for each head.

6.4.2. Mechanism for internal and external audit and its details.

As a Grade II Government College the internal audit is conducted by the Head of Department (Director of Collegiate Education) and External Audit is conducted by the Accountant General.

Finance Committee comprising of (i). Principal, (ii). RJD, (iii). Senior Faculty, (iv). Controller of Examination takes the responsibility of allotment of UGC / STATE / Exam fee for various purposes after getting justification from the departments and audit the expenditure met out by the Departments. Utilization Certificate and Audit Report are sent to UGC promptly on time.

6.4.3. Audited income and expenditure statement of academic and administrative activities of the previous four years.

Being a Government College the Government allots the amount under various heads for every financial year. For every expenditure the bills are presented to Pay and Accounts Office and amounts are paid to the concerned parties through ECS by the PAO. Fees collected from students are deposited to the State Bank of India Treasury Branch on the next day and spent every year for the purpose for which it was collected. Reconciliation is done every month and certificate of acceptance from PAO is obtained every year.

6.4.4. Regular audit of accounts and the major audit objections

Accounts are audited regularly every year by Accountant General. Every month the accounts are reconciled with Treasury figures. Main audit objections are regarding the pay fixation of the staff and procedures followed during expenditure. The mistakes are rectified at once and audit queries satisfied.

6.4.5. Narrate the efforts taken by the college for resource mobilization.

As a Government College there is no provision for resource mobilization.

6.4.6. Corpus fund

As a Government College there is no provision for the college to maintain 'corpus fund'.

6.5 Internal Quality Assurance System

6.5.1 . Conducting Academic Audit

Academic audit was conducted for all departments. The audit was done by two external members for each departments and the report was submitted to the Autonomous Office of the College.

6.5.2 Recommendation of the Academic audit

Each department was scrutinized in detail: results, syllabus, library particulars, student strength were among the most important details. Each Academic Audit committee made recommendations that were submitted to the Controller's office. These recommendations (wherever they are made) are being implemented by the respective departments. They mainly pertain to syllabus content.

6.5.3 Central body for the review of teaching and learning process

The College has an IQAC for the continuous assessment of teaching and learning process. The IQAC comprises of the following members within the College:

1. Principal as Chairman
2. One Coordinator
3. Two members

Teaching and learning is assessed based on student's feedback system. Format for the feedback is prepared by the committee members and given to all the students at the end of the academic year. The feedback forms are collected and consolidated by the Head of the Department and submitted to the IQAC. The IQAC compile the feedback of students for the entire college. Based on the outcome of the feedback, the Head of the Department will inform the staff about their strengths and weaknesses.

Criterion VII

Innovations and Best Practices

7.1 **Environment Consciousness:**

7.1.1 **Does the Institute conduct a Green Audit of its campus and facilities?**

Yes. The institute conducts green audit to enable waste reduction, proper handling of materials in order to enhance environmental sustainability. The green audit is conducted once in a year. A team of internal auditors comprising faculty members from various science departments such as physics, chemistry, plant biology and advanced zoology assesses the environmental impacts of the processes and practices carried out in our campus. The team suggests various remedial measures to be taken for the bad practices if any that harm the environment.

7.1.2 **What are the initiatives taken by the college to make the campus eco-friendly?**

As per the suggestions and recommendations made by green audit team, the management of the institution take various initiatives to make the campus eco-friendly.

☞Energy Conservation

- The students are made aware of energy conservation periodically through seminars, conferences and campaigns.
- The students and staff members are instructed to switch off fans, lights and other electrical appliances when not in use.
- Energy efficient appliances, instruments, LED, CFL lamps only are preferably used in the campus.

☞Use of renewable energy

- All the class rooms are very widely ventilated so that to utilize the renewable energies like natural light and breeze and hence the use of conventional energy is reduced.
- The institution has a plan to send a proposal to the govt. of Tamil Nadu to install solar lights and panels in the campus.

☞Water harvesting

- The institution has built rain water harvesting well and percolation pits in order to harvest natural rain water so that to reduce the depletion of water table.
- The institution has planned to build grey water treatment pits in the next academic year and the same may be used for gardening.

☞Check Dam Construction

- Since the institution is located in the heart of the city, in elevated plain and far away from flood prone places, it needs no check dam construction.
- There is watershed near the institution and has been checked well by cement walls to prevent overflow of water during the rainy season.

☞Efforts for Carbon Neutrality

- Continuous efforts are being taken to reduce carbon emission in the campus.
- To make aware of students about the impact of carbon emission, the curriculum has been designed with a special subject “ENVIRONMENTAL SCIENCE” for the second year students of all the branches.
- Very limited number of students and staff only use own vehicles to reach the college. Rest of them use public transportation and hence the carbon emission by vehicle is minimized in the campus.
- Efforts are being taken to plant more trees in the campus to neutralize the carbon emissions.

☞Plantation

- With the support of local authorities, staff and students volunteers, NSS and YRC units every year a large number of saplings are planted in the campus.
- The maintenance of the saplings is being a difficult tasks due to various reasons like unfavourable soil condition for growing plants, water logging in winter season.
- The issues mentioned above are being sorted out and remedial measures like refilling the lands and water logging areas with clayey soil are being taken.

☞Hazardous waste management

- Syllabi for practical of various science streams have been designed in such a way that to use non-hazardous materials and methods for conducting practical.
- Science departments like chemistry and zoology are following preferably the greener methods to carry out the experiments in order to reduce the wastage.
- Minimum use of organic solvents and water based experiments strategies are being followed by department of chemistry to conduct lab experiments.
- The waste water coming out of the labs are subjected to primary treatment, made non-hazardous and then discharged in to the ground safely.

☞e-waste management

- The institution uses very limited number of electronics goods in the campus.
- The non-usable electronic goods are auctioned to suitable vendors who recycle them systematically.
- Students and staff are motivated to reduce the usage of electronic items like mobile phones, calculators.
- Instead of using calculators, students are advised to use computers or laptops for mathematical and scientific calculations. To ensure the same, proper training also given to students by eminent faculty members.

☞Other initiatives taken to make the campus eco-friendly:

- A club called 'ECOCLUB' consisting of staff and student volunteers has been inaugurated in this academic year with the following aim.
- **Aims of the eco club:**
 - To create awareness among students and staff about environmental sustainability.
 - To arrange awareness campaigns against plastic usage, seminars on environmental issues.
 - To enhance the social responsibilities of students and staff through volunteering the off campus social and environmental activities.
 - To make use of student volunteers towards making the campus litter free.
 - To increase the green cover of the campus by planting more trees and to improve the aesthetics of the campus.

➤ **Nammalvaar Herbal Garden**

An herbal garden named after the renowned south Indian farmer Nammalvaar has been set up and maintained by the department of plant biology. The garden has been planted with many varieties of herbs which have medicinal values.

7.2 Innovations

Various innovations in academic and administrative practices have been introduced during the last four years which have created a positive impact in functionality of the institution.

☛ Academic Innovations

➤ **Remedial coaching**

Slow learners are identified based on their internal assessment result analysis and are given a special coaching periodically by the respective faculty members. Additional tests are conducted for such students to enable them excel well in the semester exams.

➤ **Skill based subjects in the curriculum**

Most of the students admitted in this institution are from financially poor, socially backward and hence to enable the students to meet the challenges while getting job opportunities and to drive off the inadequacies of skills required for various jobs, all the students are offered the following skill based subjects in the curriculum.

- **Essentials of Language Communication**
- **Spoken and Presentation Skills**
- **Personality Enrichment**
- **Computer Skills**
- **Value Education**

The syllabi of above mentioned subjects have been framed in such a way that inculcating the skills to our students in view of eradicating their inferiority complex

about English communication, to enrich their personality, to make them well versed with basic computer knowledge and to teach them ethics and values of human life.

➤ **Inculcation of Inter disciplinary Subjects**

The students of each department are taught application or awareness oriented non-major elective subjects offered by other departments.

➤ **Audio visual teaching methods**

Faculty members of all the departments use audio visual teaching aids such as LCD projector, Computer, Over Head Projectors, etc. frequently especially to teach subjects like computer skills, value education, personality enrichment and environmental studies.

➤ **Internship for PG Students**

All the first year Post Graduate students have internship training as per the curriculum. The students undergo internship training to various industries and organisations. They are required to submit a report on training. The report submitted by the students is evaluated by the faculty members and a viva-voce examination is conducted.

➤ **Administrative Innovations**

➤ **Audio Communication System**

All the departments, labs and classrooms are interconnected with principal's office by audio communication system. All the announcements from the principal's office are done through the audio network and hence the communications are highly transparent and reach the targets at a time.

➤ **Students Union**

The college has students union for which the representatives are selected by an open election. The grievances and problems, if any, encountered by students in the campus are brought to the notice of the principal by these representatives. The same is discussed in the academic council meeting and found solutions. This practice ensures the good rapport between management and students.

➤ **Staff Club**

The college has a "Staff Club" having all the teaching and non-teaching members as its members. Meetings are arranged periodically by the staff club. Various innovative measures for the betterment of the institution suggested by faculty members are taken into analysis and the same is represented to the principal for further action. Training on yoga and meditation practice also arranged by staff club to its members at constant intervals.

➤ **Motivation for extracurricular and co-curricular activities**

Students are motivated to take part in various on campus and off campus competitions to bring their hidden talents.

- In association with Department of Tamil, English department conducts open competitions on poetry recitation, oratorical and essay writing to students through its club “NAATRAANGAAL”. The winners are awarded with exciting prizes and certificates.
- The department of English conducts exams about life of Mahatma Gandhi through Gandhi Study Centre.

☞HEFA (Health for All) Week

With the background support of management and various sponsors, the department of Nutrition and Dietetics conduct a grand health campaign every year in the first week of September. This campaign is conducted for four days with the following activities:

- Blood analysis for all the students and staff of the institution
- Body Mass Index (BMI) analysis
- Tissue mass analysis
- Seminars and invited talks on health issues and how to combat them
- Open completions like quiz, essay and oratorical for students

All the health analysis are conducted at free of cost by the experienced and authorised physicians and technicians on sponsorship. The winners of competitions are awarded prizes and certificates.

7.3 THE BEST PRACTICES OF THE COLLEGE

The Ideological Underpinnings:

The best practices of the College, put in place by far-sighted and dynamic teachers, stem from their ideological underpinnings. Teachers of yester years and the present are constantly aware of the calling to them to serve historically marginalized neighbourhoods. The College is surrounded by two notable population groups: dalits and the Tamil repatriates from Burma who were relocated here in 1960's.

Legend has it that Sage Vyasa came here to worship Shiva. It is acceptable, without the clinching evidence the stern historian insists on. For the hoary temple stands facing an ancient water tank now but adjoining the temple on the southern side, and spread over thirty acres of extent there once stood a huge lake. This lake irrigated verdant fields and the present street ‘Paddy field Road’ leading to the temple is a sure testimony to the past existence of the massive lake. Now the lake is gone, not wholly, and about four acres of its former glory, constitutes the Eastern corner of the College, and remains as a small water body overgrown with water hyacinth and filled with slush.

The First best Practice is the Eco-consciousness shown by its teachers and management. The College takes consistent efforts to preserve the last remaining vestige of the huge lake. The teachers, showing a nerve to preserve our water bodies and ready to hold themselves accountable to an unborn posterity, are now raising hard rock embankments to give the water body a distinct look and restore it to its glory by dredging it of slush and pulling out interminable hyacinths.

Some hurried moves of the past turned the lake bund, in which the college was chosen to be located, into a dump yard for fly-ash from the dismantled power plant near Basin Bridge. Two feet below the apparently healthy soil danger lurks. Saplings planted on the soil and nurtured well to the height of a foot, soon withered unable to draw any subsistence from hardened fly ash.

Soon the land came to be mistaken for wilderness and building waste and concrete rubble began to be dumped on the soil that once retained moisture and water in abundance and irrigated vast acres of paddy fields.

The UGC's autonomous grant's were spent over three years, in phases to clear the land of debris, place tall steel gates and secure substantial areas from cattle attack and human vandalism. Today in about an acre's extent of secured land, twenty mahogany saplings, planted the traditional way into well-manured pits that were allowed to cool off, are showing vigorous growth aided by organic manure panchagavya.

In the second leg of its efforts in preserving the fast-vanishing natural resources, the college is now strengthening the lake bund with granite revetment to a length of about 250 sq.ft., with the UGC Development Grants.

The second best Practice pertains to carrying the battle for positive ambience from the exteriors to the interiors of its 44 classrooms, where the destiny of India is getting shaped.

The teachers maintain a close rapport with the learners; the rapport is such that the Principal gets to know the first signs of difficulty or disquiet through vigilant tutors/mentors. Immediate efforts at problem-solving, at trouble shooting commence, and in the next thirty minutes it is all quiet again.

In the last ten years, except for one stray incident, the College was never shut for reasons of its student unrest, even for a single day.

This College lies, surrounded on the North and the south, by higher education institutions witnessing student clashes and murderous assaults time and again. The bonding here between teachers and learners has given this institution such immunity, that it wards off all virus attacks on its calm ambience, with aplomb. Urban sociologists treat this as a very positive thing, for North Chennai home to this college is notorious for its dreaded criminals and history- sheeters.

The Third best practice of the College is its sense of **great fiscal responsibility**. This College was one of the first colleges to submit all accounts to the UGC-SERO, Hyderabad. The SERO has given it in writing that its accounts for IX, X, XI Plan periods are **SETTLED**.

The senior teachers of the College, spending their money, made a trip to SERO suo motu, got their doubts clarified and presented accounts to the friendly Officials there On 2013.

Fourth best practice: Transparency in governance and democracy in decision making are the next best practices that mark much of the administration of the College. Whenever State or Central funds (these are substantial) are received, the College Governing Council is convened to discuss the allocations. Mindless and mechanical division of funds is eschewed; instead need-based demands are discussed in a give-and-take manner. Earmarking and utilisation of funds are governed solely by the expected academic benefit.

Fifth best practice: The next noteworthy practice is the denial of Transfer Certificate to any student who wants to drop out. For reasons of Financial difficulty, Physical and mental abuse in case of women learners at their homes, forced marriages and a myriad other causes force some students to demand transfer certificate and terminate their studies midway. The teachers fight out this by identifying the cause and try and succeed through rehab measures, counseling patience, and marshalling support to them. Eventually they retrieve the learner to his/her rightful place.

Sixth best practice: The institution has shown extra ordinary **alacrity** in seizing upon rare opportunities **for academic expansion** public funded education is the sole saviour of the poor of the land. It is not often that the State supports with chances for academic expansion. But mercifully, the State of Tamil Nadu has been strengthening State-governed Colleges with additional courses. This is a marked trend from 2011-12. The State was

sympathetically considering requests from Government Colleges for new academic and research programmes. The teachers of this College, cutting across disciplines, made their vociferous demands and year after year the College was getting newer and newer programmes. But 2013-14 was most notable, for in that single year alone, this College sought and won Government nod and parent University affiliation for an incredible 14 programmes from Undergraduate to Ph.D.

It must be said to the credit of teachers and learners that they had had the capacity to sacrifice their comforts, in terms of settled life from 9.30 to 2.30. They chose to suffer very difficult inconveniences- all for the sake of academic expansion of **THEIR** College. Students had to give up comfortable part-time jobs, teachers suffer to allow their young children foregoing tasty and timely food, and the college changed over to the Shift Mode in order to accommodate the new courses.

All these difficulties are happily accepted and this year we have again won B.Sc. Psychology and M.S.W. courses.

Seventh best practice: This college has been running a unique General Awareness platform called 'Naatrangaal' or **Nursery**. It is an extracurricular forum, which provides every aspiring student with an opportunity to learn or manifest a talent. The forum nurtures youngsters by giving them a taste of values dear to the Mahatma or the Vinobha, to the Baba Saheb or the Subramanya Bharathi.

Eighth best practice: The Unblemished conduct of End semester Examinations justify the trust placed on us by the UGC and the Parent University eight years ago, when we were granted autonomous status. We have conducted 14 End semester Examinations so far, printed Countless Mark statements - each year embedding one more secret code or one more innovation with the recent insertion of photographs of the learners in mark statements to prevent malpractice or duplication, and recommended hundreds of names to the Madras University for award of degree. Not one has cast a single aspersion on our conduct of examinations. In an externally monitored examination system, the college tries to preserve quality in the conduct of the examinations.

The **ninth best practice** is its meaningful intervention into existing systems through extension work carried out using its limited resources. The Nutrition Department still in its infancy, has conducted two camps to identify and address malnutrition in infants in the

neighbourhood. Working in tandem with Doctors and paramedical staff of the State Institute of Child Health, this Department mobilized children from anganwadis, got them screened and advised parents on further management.

The Dept of English brought out Easy to Learn English Grammar for disadvantaged learners booklets and distributed hundreds of them to the Adi Dravida Welfare Schools and other nearby schools. Two teachers in the Department went and conducted a week long Grammar Teaching in a school close to the college.

Working in association with the Tamilnadu Astronomical Society, the Department of Physics has so far conducted three workshops for school children on Astronomy. It now intends to bring them for a night sky observation programme and is waiting for appropriate weather conditions.

In terms of suicide-prevention, in terms of deputing students to study abroad, in terms of enviable law and order on campus and outside of it, our best practices are many.

Evaluative reports of Departments

Evaluative Report of the Department - BUSINESS ADMINISTRATION

- Name of the Department & its year of establishment
DEPARTMENT OF BUSINESS ADMINISTRATION, 2008
- Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.) :
B.B.A (Financial Management)
- Interdisciplinary courses and departments involved

**Department of Statistics,
Department of Economics**
- Annual/ semester/choice based credit system
Semester & choice based credit system
- Participation of the department in the courses offered by other departments
Nil
- Number of teaching posts sanctioned and filled (Professors/Associate Professors/ Asst. Professors)

	Sanctioned	Filled
Professors		
Associate Professors		
Asst. Professors	02	02

- Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.,)

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. Students guided for the last 4 years
Ms. N.Ananthi	M.B.A, M.Phil	Assistant Professor and Head	Finance and Marketing	15 years	Nil
Dr.P.Murugesan	M.B.A M.Phil Ph.D	Assistant Professor	General and Finance	26 years	Nil

- Percentage of classes taken by temporary faculty – programme-wise information

9. Programme-wise Student Teacher Ratio : **1:60**
10. Number of academic support staff (technical) and administrative staff: sanctioned and filled : **NIL**
11. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Mention names of funding agencies and grants received project-wise. :**NIL**
12. Departmental projects funded by DST-FIST; DBT, ICSSR, etc.; total grants received:**NIL**
13. Research facility / centre with :**NIL**
 - state recognition
 - national recognition
 - international recognition
14. Publications:
 - * Number of papers published in peer reviewed journals (national / international) : 05
 - * Monographs : 3
 - * Chapter(s) in Books :02
 - * Editing Books : 02
 - * Books with ISBN numbers with details of publishers : 3
 - * number listed in International Database (For *e.g.* Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)
 - * Citation Index – range / average : Nil
 - * SNIP :Nil
 - * SJR : Nil
 - * Impact factor – range / average
 - * h-index
15. Details of patents and income generated :**NIL**
16. Areas of consultancy and income generated :**NIL**
15. Faculty recharging strategies
 - Encouraging Faculty to attend National/International Seminars/Conference.
 - Participation in Refresher Courses, orientation, FDPs organized by the university and by other institutions.
 - Encouraging Faculty to obtain sponsored Research Projects

19. Student projects
 - percentage of students who have done in-house projects including inter-departmental
 - percentage of students doing projects in collaboration with industries / institutes
 - **(100%). All students undergo project work in companies as a part of curriculum.**

20. Awards / recognitions received at the national and international level by
 - Faculty :
 - Mrs.N.Ananthi , had received Best participant award in National Level Skill development workshop on “Empowering Professors as Leaders” organized by Kumararani Meena Muthiah College of Arts and Science,24th September,2012.
 - Doctoral / post doctoral fellows:
 - Students :

The Department students have actively participated in various Inter- collegiate competitions and various sports meet.

21. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.

2011-2012

- Mr. S.Devan, Sr.Associate Partner, Max Newyork life, “ Winning Strategies – Building Positive attitude to be a successful person”.6th March 2012.

2012-2013

- Mrs. Premavathy, President, Sigaram Self Help Group had organized a “Workshop on Jewellery Making”., 27th Feb 2012.

2013-14

- Mr. G. Ullagaraj,Development Officer , LIC , Conducted an “ Educational Seminar on “ Agency as a Career”,24.08.2013.
- Mr. Senthil Kumar, Branch Head , had organized “ Job Guidance Program”, SRM Infotech, M.K.B.Nagar, Chennai,09.09.2014

2014- 15

- Ms. Pavithra Devanand , Founder and corporate trainer , ATRIS Training Academy, had conducted “ Employability Skills Training Workshop”, 23- 27th Feb ,2015.

22. Student profile course-wise:

Name of the Course (refer question no. 2)	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
B.B.A. (Financial Management)					
2014-2015	Common rank list for B.com and B.B.A	45	20	-	-

22. Diversity of Students

Name of the Course (refer question no. 2)	% of students from the college	% of students from the state	% of students from other States	% of students from other countries
B.B.A.(Financial Management)		100%		

23. How many students have cleared Civil Services, Defense Services, NET, SLET, GATE and any other competitive examinations?

ONE

24. Student progression

Student progression	Percentage against enrolled
UG to PG	
2008 BATCH	10%
2009 BATCH	37%
2010 BATCH	23%
PG to M.Phil.	-----
PG to Ph.D	-----
Ph.D. to Post-Doctoral	-----

Employed

- Campus selection
- Other than campus recruitment :

	(2008 BATCH) : 42%	
	(2009 BATCH) : 61%	
	(2010 BATCH) : 53 %	
25. Diversity of staff		
Percentage of faculty who are graduates of		
the same parent university : 100%		

26. Number of faculty who were awarded Ph.D., D.Sc. and D.Litt. during the assessment period. **P.Murgusean – Awarded Ph.D. Degree during the year - July 2012**

27. Present details about infrastructural facilities

- Library : Attached with the Main campus library
- Internet facilities for staff and students : Nil
- Total number of class rooms :3
- Class rooms with ICT facility : 1
- Students' laboratories : not applicable
- Research laboratories :not applicable

28. Number of students of the department getting financial assistance from College. :
99 % students receive State Government Scholarship.

29. Was any need assessment exercise undertaken before the development of new program(s)?
If so, give the methodology.

30. Does the department obtain feedback from

- a. Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize it?

Yes. The process for curriculum design, evaluation and updating of the syllabi are standardized. Board of studies members are constituted based on representative members from the Industry, Subject experts and alumni. The Practicable suggestions are incorporated in the teaching pedagogy and also incorporated in the curriculum at the time of revision.

- b. Students on staff, curriculum as well as teaching-learning-evaluation and what is the response of the department to the same?

Yes. The Practicable suggestions are incorporated in the teaching pedagogy and also incorporated in the curriculum at the time of revision

- c. Alumni and employers on the programmes and what is the response of the department to the same?

Yes. The Practicable suggestions are incorporated in the teaching pedagogy and also incorporated in the curriculum at the time of revision.

31. List the distinguished alumni of the department (maximum 10)

S.NO	NAME OF THE STUDENTS	DESIGNATION	NAME OF THE COMPANY/ INSTITUTION	YEAR PASSED OUT
1	BharathiDas.K	Team Leader	Futruce Group of Retail	2011
2	Karrkkuvel Raj. M	Field Sales Officer	Alaira- Intas Pharmaceuticals	2011
3	Kanchana.A	Executive	TCS- Veacherry	2012
4	Sivasunder.S	Process Associate	Cap Gemini	2012
5	Balasubramnian. R	PC	Tamilnadu Police Service	2012
6	Jeevanatham .R	Auditing	Cap Gemini	2012
7	Muruga. R	Operations Executive	R.L.LogisticsPvt Ltd.	2012
8	SejinJayaSelvi. C	Sales Associate	Telebuy	2012
9	Sumathi. M	Accountant	Sun International Private Ltd	2013
10	Vigneshkumar.R	Documentation Head	Gold Transport	2013

32. Give details of student enrichment programmes (special lectures / workshops / seminar) with external experts.

YEAR = 2011-2012

DATE	TOPIC DETAILS OF SEMINAR/WORKSHOP	SPEAKER NAME AND DESIGNATION	COMPANY/ RESIDENTIAL ADDRESS
1.8.2011	“An Insight into Insurance Industry and career prospectus”	Mr.Subramanian Devan Sr.Associate partner)	“Max Newyork Life Insurance” 3/21, Pachaipansalai, Mogapair east, Chennai-37
3.8.2011	“Personality development and confidence building”	Mr.Arun Kumar S.Davay Corporate trainer	“NavamaniNivas” 49, 3 rd mainroad, Sri ayyappanagar, Chinmayanagar, Chennai -92
12.8.2011	“Winning strategies”	Mr.M.SamuelSathish Principal consultant	“Eye Opener Training and consulting”, Chennai.
16.8.2011	“An Insight into Marketing domain and career prospectus”	Mr.DeepaPriyadarshini General Manager	“Indian outdoor advertising association” Mumbai.
5-3-2012	“Winning strategies-Building positive attitude to be a successful person”.	Mr.SubramanianDevan (Sr.Associate partner)	“MakNewyork Life Partner” No:323, Poonamallee high Road, Chennai-37
17-3-2012	“Financial Education Workshop”.	Dr.K.Vimala (Asst.Prof) Department of management studies	Dr.M.G.R. University, Maduravoyal, Chennai-600095

YEAR - 2012-2013

DATE	TOPIC DETAILS OF SEMINAR/WORKSHOP	SPEAKER NAME AND DESIGNATION	COMPANY/ RESIDENTIAL ADDRESS
20-2-2013	"Career opportunities in Mutual funds sector"	Mr.AnbuRangaswami (Investment Analyst)	Financial & Insurance Advisor, AFP® Financial Planner, CWM® Wealth Manager, FSS® Fin. Ser Specialist
27-2-2013	"Entrepreneurship-Emerging opportunities and winning strategies"	Mr.Pavanthen., Managing Director. Evergreen Industries	Managing Director. Evergreen Industries
27-2-2013	"Workshop on Jewellery Making".	Mrs.Premavathy, President, Sigaram Self Help Group	President, Sigaram Self Help Group
26 -7-2013 - 29.7.2013- 30-7-2013	"An Insight into Micro finance and Career prospectus".	Mr.K.Jayaprasad (Ex. Director)	"Natesan Institute of Management" Chennai-40

YEAR - 2013-2014

DATE	TOPIC DETAILS OF SEMINAR/WORKSHOP	SPEAKER NAME AND DESIGNATION	COMPANY/ RESIDENTIAL ADDRESS
12-2-2014	"Empowering oneself-Breaking the glass ceiling and career avenues	Mr.V.Benjamin Franklin (Director)	Transmind consultants, Chennai.
17-2-2014	"Career Prospectus on Advertising Industry"	Mrs.DeepaPriyadarshini (General Manager)	Indian Outdoor advertising Association, Mumbai
18-3-2014/ 22-3-2014	"Business Taxation "	Ms.V.Thilagavathy MBA	
29-9-2014	"Job Guidance Program"	Mr.N.Senthil Kumar (Branch Head)	SRM Infotech, MKB Nagar, Chennai-39.

YEAR - 2014-2015

DATE	TOPIC DETAILS OF SEMINAR/WORKSHOP	SPEAKER NAME AND DESIGNATION	COMPANY/ RESIDENTIAL ADDRESS
19.2.2015	“ Building smart goals-steps to success”.	Mr.Joseph.K.C State Head-HR	Reliance Retail Ltd, Chennai.
23.2.2015- 27.2.2015	“Employability skills training workshop”.	Ms.Pavithra Devanand (Founder and corporate trainer)	ATRIS Training Academy, Chennai.
26.2.2015	“Impact of FDI on Business “	Mr.Ganesh Kannan (Process Executive)	Infosys Pvt Ltd, Chennai.

33. List the teaching methods adopted by the faculty for different programmes.

Faculty members adopt various teaching methods to cater to the needs of the entire spectrum of students in a particular class. The following are the frequently used teaching methods by the faculty

- Chalk and talk Method
- Power – Point Presentation
- Group discussion
- Role Play
- Management Games
- Student’s Presentation
- Case Study
- Seminars

34. How does the department ensure that programme objectives are constantly met and learning outcomes monitored?

Continuous evaluation and feedback from various stakeholders are obtained at regular intervals and feasible solutions are incorporated.

35. Highlight the participation of students and faculty in extension activities.

- All faculty members and students of the department have participated in extension activities such as: Seminars, Guest lectures, Workshops
- The Department Organised an “Entrepreneurial Start up bazaar- EMPOWER Bazaar” to induce the spirit of entrepreneurship and have a experiential learning among the students
-

36. Give details of “beyond syllabus scholarly activities” of the department.

- Case study presentations
- Seminars
- Role Play
- Group discussions
- Summer Project
- Public Speaking
- Personality Development
- Group Industrial visits
- Guest lectures

37. State whether the programme/ department is accredited/ graded by other agencies. Give details.

38. Detail any five Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department :

Strengths,

- The Internship programme that the course offers gives the students Industrial Exposure and Research experience.
- Well qualified & committed faculty
- Increased enrolment since inception as there is more demand for the course.
- The Department has produced Cent percent results in many papers.
- Faculty and students are encouraged to present research papers in conferences and Seminars.

Weakness:

- Students hesitate to take initiatives in improving communication skills (Spoken and Written) inspite of providing them facilities like Library and Conducting Competitions.

Opportunities:

- More industry based training.
- Inter- Disciplinary research.

Challenges:

- Teaching Tamil Medium Students in English

39. Future plans of the department.

- To organize more seminars, workshops etc. to spread awareness on academic, emerging career opportunities and social issues.
- Motivate and equip the students to organize inter collegiate Competitions in the college and to participate in other institutions
- Motivate the department faculties to undertake research projects, publish research papers in referred journals, present papers in national and international seminars and acquire additional degrees
- To conduct special class for weak students.
- Encouraging students to become Entrepreneurs
- Training students for competitive exams like TANCET
- Upgrading into a PG Department

Evaluative Report of the Department - CHEMISTRY

1. Name of the Department & its year of establishment: **CHEMISTRY - 1974**
2. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.)
B.Sc., M.Sc., M.Phil.,
3. Interdisciplinary courses and departments involved

For UG: Allied Courses. (Allied Maths, Allied Zoology, Allied physics.)

For PG: Papers like Computer for Chemist, Computing skills, soft skills are introduced.

4. Annual/ semester/choice based credit system

Semester pattern

5. Participation of the department in the courses offered by other departments
For UG: Allied Courses. (Allied Maths, Allied Zoology, Allied physics.)
For PG: Papers like Computer for Chemist, Computing skills, soft skills are introduced.
6. Number of teaching posts sanctioned and filled (Professors/Associate Professors/ Asst. Professors)

	Sanctioned	Filled
Professors	---	---
Associate Professors	---	---
Asst. Professors	15	15

7. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. /

M. Phil. etc.,)

Name	Qualification	Designation	Specialization	No of years of Experience	No. of Students guided for the last 4 years
R.RAVI CHANDRA N	M.Sc., M.Phil., M.Ed., Ph.D	Assistant Professor & Head	Electro chemistry	25	1
C.SRINIVASAN	M.Sc., Ph.D.	Assistant Professor	Physical Chemistry	14	
R.KARTHIKEYAN	M.Sc., Ph.D.	Assistant Professor	Organic chemistry	17	
S.MANIVANNAN	M.Sc., B.Ed., M.Phil., Ph.D., SLET	Assistant Professor	Inorganic & physical chemistry	14	
K. CHANDRASEKARAN	M.Sc., M.Phil., M.Ed., NET QUALIFIED, (Ph.D)	Assistant Professor	Organic & Physical chemistry	5	
T.GAYATHRI	M.Sc., M.Phil.	Assistant Professor	General chemistry	5	
P.KRISHNAMORTHY	M.Sc., M.Phil., M.Ed., Ph.D	Assistant Professor	General chemistry	15	
S.ANANDHI	M.Sc., M.Phil	Assistant Professor	General chemistry	7	
T.K..ARUMUGAM	M.Sc., Ph.D.	Assistant Professor	General chemistry	15	
REVATHY SELVA RAJ	M.Sc.,M.Phil. ,	Assistant Professor	General chemistry	20	
G. RAMESH	M.Sc., M.Phil	Assistant Professor	General chemistry	15	

G.RAMACHANDRAN	M.Sc,M.Ed., M.Phil.,P.hd	Assistant Professor	Industrial chemistry	20	
S.SHANMUGASUND ARI	M.Sc., M.Phil., Ph.D	Assistant Professor	General chemistry	16	
S.VIDYA	M.Sc., M.Phil., Ph.D	Assistant Professor	General chemistry	14	
L.LAKSHMI	M.Sc., M.Phil., Ph.D	Assistant Professor	General chemistry	8	

17. Percentage of classes taken by temporary faculty – programme-wise information
Nil
18. Programme-wise Student Teacher Ratio
Student strength-361, staff strength -15 (361/15) 24:1
19. Number of academic support staff (technical) and administrative staff: sanctioned and filled
Sanctioned :3 filled :1
20. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Mention names of funding agencies and grants received project-wise.
21. Departmental projects funded by DST-FIST; DBT, ICSSR, etc.; total grants received
Minor

Name of the Faculty	Year	Name Of the Project	Name of the Funding Agency	Total Grant Received

Mr.G.RAMESH	2014	Fabrication and characterization of Polymer nano composites	UGC	2 LAKHS FIVE THOUSAND
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22. Research facility / centre with

- state recognition
- national recognition
- international recognition
- **M.Phil** research projects
- **Fabrication and characterization of polymers**
- **Nano composites**

23. Publications:

- * number of papers published in peer reviewed journals (national / international)- National -4 International-29
- * Monographs
- * Chapter(s) in Books
- * Editing Books
- * Books with ISBN numbers with details of publishers
- * number listed in International Database (For *e.g.* Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)
- * Citation Index – range / average
- * SNIP
- * SJR
- * Impact factor – range / average
- * h-index

16. Details of patents and income generated **Nil**

17. Areas of consultancy and income generated **Nil**

18. Faculty recharging strategies

Staff members are attend the seminars, workshops, Refresher courses and orientation Courses offered by various Universities.

23. Student projects

- percentage of students who have done in-house projects including inter-departmental

- percentage of students doing projects in collaboration with industries / institutes

I M.Sc., Students are having internship with industries program in their curriculum.

24. Awards / recognitions received at the national and international level by
- Faculty
 - Doctoral / post doctoral fellows
 - Students
- Ten staff members of the department were received doctorate degree from various Universities**
25. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.
26. Student profile course-wise: (2014-2015)

Name of the Course (refer question no. 2)	Applications Received	Selected		Pass percentage	
		Male	Female	Male	Female
B.Sc	245	95	41		
M.Sc	65	25	17		
M.Phil	15	4	5		

23. Diversity of Students

Name of the Course (refer question no. 2)	% of students from the College	% of students from the state	% of students from other States	% of students from other countries
B.Sc.,	NIL	100	NIL	NIL
M.Sc.,	20	100	NIL	NIL
M.Phil.,	NIL	100	NIL	NIL

25. How many students have cleared Civil Services, Defense Services, NET, SLET, GATE and any other competitive examinations? NIL

26. Student progression

Student progression	Percentage against enrolled
UG to PG	20%
PG to M.Phil.	NIL
PG to Ph.D.	NIL
Ph.D. to Post-Doctoral	NIL
Employed	NIL
• Campus selection	
• Other than campus recruitment	
Entrepreneurs	NIL

28. Diversity of staff

Percentage of faculty who are graduates of

the same parent university - 33%

from other universities within the State - 77%

From other universities from other States - nil

29. Number of faculty who were awarded Ph.D. D.Sc. and D.Lit. during the assessment period. NIL

30. Present details about infrastructural facilities

a) Library – Department library present in HOD's room. Which is having nearly books

b) Internet facilities for staff and students –

Wifi internet connection is available in the department

c) Total number of class rooms 4

d) Class rooms with ICT facility nil

e) Students' laboratories - 3

f) Research laboratories - 2

31. Number of students of the department getting financial assistance from College.
Students are receiving communal scholarship from the STATE GOVERNMENT.

32. Was any need assessment exercise undertaken before the development of new program(s)?
If so, give the methodology. Nil

33. Does the department obtain feedback from

- faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize it?
- students on staff, curriculum as well as teaching-learning-evaluation and what is the response of the department to the same?
- alumni and employers on the programmes and what is the response of the department to the same?

Department receiving feedback from students

34. List the distinguished alumni of the department (maximum 10)

Name of the Alumni	Designation
Dr.K. Srinivasan	HOD of chemistry, A.Govindhasamy govt college . Thindivanam
Dr. R.P. Meena	Assistant professor of chemistry Government arts college , Ponneri.

35. Give details of student enrichment programmes (special lectures / workshops / seminar) with external experts.

Name of the dept.	Year	Faculty invited as resource persons in workshops/seminars/conferences	
		National Level	International level
CHEMISTRY	2010-11	Dr. Aravindan, CPCL	-
	2011-12	Dr. Veerabhadran, Anna Uni	
	2012-13	Dr. Daniel Chellappa, IGCAR	
	2013-14	Dr. Balasubramanian, AMET	
	2014-15	Mr. Rajaram, Forensic Dept.	

36. List the teaching methods adopted by the faculty for different programmes.
Chalk and Board method, power point presentation, and OHP presentation methods are adopted.

37. How does the department ensure that programme objectives are constantly met and learning outcomes monitored?

Cyclic internal assessment test, assignment, seminars, and class test are conducted periodically.

38. Highlight the participation of students and faculty in extension activities.

Students are participated in various Sports like Badminton, Ball Badminton, Basket Ball, Carom, Chess, Cricket, Foot Ball, Hand Ball, Kabbadi, Kho-Kho, Volley Ball, etc.

They eagerly participated and won prizes in competition like essay writing, elocution, quiz, etc.,

39. Give details of “beyond syllabus scholarly activities” of the department. - NIL

40. State whether the programme/ department is accredited/ graded by other agencies. Give details. -

41. Detail any five Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department

Strength :

Rural Students academic interest

Well qualified faculty members

Students better opportunity for higher studies.

Adequate library facility.

Urban locality for research students to use outside facility

Weakness:

Lack of fund

Lack of transport.

Lack of hostel facility for students

Insufficient Class rooms, Furniture, laboratories.

42. Future plans of the department.

- To Introduce Ph.D Program
- Receive more number of projects funded by DST-FIST; UGC (MAJOR/MINOR) DBT, ICSSR.
- To give CSIR training program to PG students
- To purchase latest equipments for research work.

Evaluative Report of the Department - COMMERCE

1. Name of the Department & its year of establishment-COMMERCE
2. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.)
B.Com., M.Com., M.Phil., Ph.D.,
3. Interdisciplinary courses and departments involved-NIL
4. Annual/ semester/choice based credit system
Choice Based Credit System
5. Participation of the department in the courses offered by other departments-NIL
6. Number of teaching posts sanctioned and filled (Professors/Associate Professors/ Asst. Professors)

	Sanctioned	Filled
Professors	-	-
Associate Professors		3
Asst. Professors		3

7. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.,)

Name	Qualification	Specialization	No.of Years of Experience	No.of Ph.D.students guided for the last 4 years
Dr.V.Selvanahan	M.Com.,M.B.A(Hr.), M.Phil., B.Ed.,Ph.D.,	Marketing, HRM	29(UG)&28(P.G)	8
Dr.M.Kesavan	M.Com.,M.Phil.,B.Ed.,Ph.D.,	Financial and Cost Accounting	21(U.G)&8(P.G)	-
Dr.J.Jayakumar	M.Com.,M.Phil.,Ph.D.	Marketing	17(UG)&16(PG)	-
V.Ravichandran	M.Com.,M.Phil.,M.Ed		18(UG)&4(PG)	-
Dr.S.Bama	M.Com.,M.Phil.,D.G.T.,Ph.D	HRM Marketing	12(UG)&9(PG)	1
Dr.N.Barathidasan	M.Com.,M.Phil.,Ph.D	HRM Marketing	17(UG) 15(PG)	-

8. Percentage of classes taken by temporary faculty – programme-wise information
Shift II - 100%
9. Programme-wise Student Teacher Ratio
40:1
10. Number of academic support staff (technical) and administrative staff: sanctioned and filled -
11. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Mention names of funding agencies and grants received project-wise. -
12. Departmental projects funded by DST-FIST; DBT, ICSSR, etc.; total grants received-
NIL
13. Research facility / centre with
 - state recognition - Ph.D program., M.Phil
 - national recognition - Ph.D recognized from Madras University
 - international recognition - Students not yet Admitted
14. Publications:
 - * number of papers published in peer reviewed journals (national / international)
 - * Monographs
 - * Chapter(s) in Books
 - * Editing Books
 - * Books with ISBN numbers with details of publishers
 - * number listed in International Database (For *e.g.* Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)
 - * Citation Index – range / average
 - * SNIP
 - * SJR
 - * Impact factor – range / average
 - * h-index
15. Details of patents and income generated
16. Areas of consultancy and income generated
17. Faculty recharging strategies
18. Student projects
 - percentage of students who have done in-house projects including inter-departmental

II PG - 2011-13 - 14, 2012-14 - 27

- percentage of students doing projects in collaboration with industries / institutes
19. Awards / recognitions received at the national and international level by
- Faculty
 - Doctoral / post doctoral fellows
 - Students
20. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.
UGC workshop
21. Student profile course-wise:

Name of the Course (refer question no. 2)	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
UG	740				
PG	80				
M.Phil	70				

22. Diversity of Students

Name of the Course (refer question no. 2)	% of students from the college	% of students from the state	% of students from other States	% of students from other countries
-	-	-	-	-

23. How many students have cleared Civil Services, Defense Services, NET, SLET, GATE and any other competitive examinations? -

24. Student progression

Student progression	Percentage against enrolled
UG to PG	L.Y. I-10% II C.Y. - 11.11%
PG to M.Phil.	L.Y. 3+1 C.Y. - 8.33% 25%
PG to Ph.D.	
Ph.D. to Post-Doctoral	
Employed	
• Campus selection	Kumaran
• Other than campus recruitment	Entrepreneurs

25. Diversity of staff

Percentage of faculty who are graduates

of the same parent university - 4

from other universities within the State -2

from other universities from other States -nil

26. Number of faculty who were awarded Ph.D., D.Sc. and D.Litt. during the assessment period. -One

27. Present details about infrastructural facilities

g) Library - Department Library Books

h) Internet facilities for staff and students - Available

i) Total number of class rooms- 5

j) Class rooms with ICT facility

k) Students' laboratories

l) Research laboratories

28. Number of students of the department getting financial assistance from College. - Scholarship

29. Was any need assessment exercise undertaken before the development of new program(s)? If so, give the methodology.

30. Does the department obtain feedback from

a. faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize it?

▪ yes

b. students on staff, curriculum as well as teaching-learning-evaluation and what is the response of the department to the same?

▪ yes

c. alumni and employers on the programmes and what is the response of the department to the same?

31. List the distinguished alumni of the department (maximum 10)

M.Phil (old)

32. Give details of student enrichment programmes (special lectures / workshops / seminar) with external experts.

33. List the teaching methods adopted by the faculty for different programmes.

PPT, Chalk Board

34. How does the department ensure that programme objectives are constantly met and learning outcomes monitored?

35. Highlight the participation of students and faculty in extension activities.

36. Give details of “beyond syllabus scholarly activities” of the department.

a. M.Phil students participated in Workshops on SPSS, Challenging trends in HR

37. State whether the programme/ department is accredited/ graded by other agencies. Give details.

38. Detail any five Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department

Strength:

- i. Faculty members highly qualified
- ii. Rich experience to support students
- iii. Students are very supportive to the department
- iv. Full equipped with LCD Projector etc.,

Weaknesses:

- i. Shortage of library books – national & International
- ii. Proper infrastructure facility
- iii. Inadequate class rooms
- iv. Inadequate staff
- v. Lack of industrial collaboration leads to unemployability

Opportunities:

- i. Employable campus

Challenges:

- i. Communication
- ii. 80% o tamil medium
- iii. Socio economic challenges

39. Future plans of the department - To publish more in International journals

Evaluative Report of the Department – COMPUTER SCIENCE

1. Name of the Department & its year of establishment **COMPUTER SCIENCE 1992**
2. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.)
B.Sc., M.Sc., M.Phil., Ph.D
3. Interdisciplinary courses and departments involved
Human Resource Management – Commerce Department
Resource Management Techniques – Mathematics Department
Internet Programming and Applications – For other Department
Advanced Computing Skills - For other Department
4. Annual/ semester/choice based credit system

Program	Annual	Semester	CBCS
B.Sc		√	√
M.Sc		√	√
M.Phil		√	√
Ph.D	√		

5. Participation of the department in the courses offered by other departments
6. Number of teaching posts sanctioned and filled (Professors/Associate Professors/ Asst. Professors)

	Sanctioned	Filled
Professors	-	-
Associate Professors	2	2
Asst. Professors	6	6

7. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.,)

Sl. No	Name	Designation	Qualification	Specialization	Experience	No of Ph.D Students
1	Dr A. Murugan	Associate Professor & Head	M.Sc., Ph.D	Molecular Computation, Pattern Recognition,	21	05 (02 Awarded, 02 Synopsis Submitted, 1 waiting for Viva)

2	Dr (Mrs) K. Shyamala	Associate Professor	M.Sc., M.Phil., Ph.D., MBA	Data Mining and Big Data Analytics	24	
3	Mr. N. Marudachalam	Assistant Professor	MCA., M.Phil	Data Mining	16	
4	Mr. K. Radhakrishnan	Assistant Professor	MCA., M.Phil., MBA	Software Engineering and OOAD	19	
5	Mrs. N. Vanitha	Assistant Professor	MCA	Data Communication networks	09	
6	Dr (Mrs) M. Suriakala	Assistant Professor	M.Sc., M.Phil., Ph.D	Data Mining	16	
7	Mrs. B. Jayapradha	Assistant Professor	M.C.A., M.Phil	Artificial Neural Network	11	
8	Mr. G. Sekar	Assistant Professor	M.Sc., M.Phil., MBA	Cloud Computing	11	
9	Mr. K. Raja	Guest Lecturer	M.Sc., B.Ed	Computer Networking	05	
10	Miss. S. Sudha Prabha	Guest Lecturer	MCA.,M.Phil	Computer Networking	02	
11	Mrs. S. Saranya	Guest Lecturer	MCA	.NET Programming	01	
12	Mr. R. Dhananchezhian	Guest Lecturer	M.Sc.,M,Phil	Programming Languages	01	

8. Percentage of classes taken by temporary faculty – programme-wise information
II-Shift Classes are handled by temporary faculties (Guest Lecturers) only

9. Programme-wise Student Teacher Ratio

Sl.No	Programme	Number of Students	Teachers	Ratio
1	B.Sc	90	4	45:2
2	M.Sc	40	4	10:1
3	M.Phil	8	-	-

10. Number of academic support staff (technical) and administrative staff: sanctioned and filled

Technical Staff	Sanctioned	Filled
Asst. Programmer	1	1

11. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Mention names of funding agencies and grants received project-wise. NIL

12. Departmental projects funded by DST-FIST; DBT, ICSSR, etc.; total grants received NIL

13. Research facility / centre with

- state recognition
- national recognition
- international recognition

14. Publications:

- * number of papers published in peer reviewed journals (national / international) - 46
- * Monographs
- * Chapter(s) in Books
- * Editing Books
- * Books with ISBN numbers with details of publishers - 04
- * number listed in International Database (For *e.g.* Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)
- * Citation Index – range / average
- * SNIP
- * SJR
- * Impact factor – range / average
- * h-index

15. Details of patents and income generated NA

16. Areas of consultancy and income generated NA

17. Faculty recharging strategies

Faculty members have attended Faculty development programs organized by colleges and universities. Faculty have attended seminars and conferences and presented papers.

18. Student projects

Percentage of students who have done in-house projects including inter-departmental – **For PG students its compulsory.**

Percentage of students doing projects in collaboration with industries / institutes - **Tamil Nadu State Council for Higher Education has selected the student project titled “Portal for Employee and Employers”, implemented by Selvan D. Ilayarasu (II M.Sc).**

19. Awards / recognitions received at the national and international level by

- Faculty
- Doctoral / post doctoral fellows

- Students – No

Seminars/ Conferences/Workshops organized and the source of funding (national /international) with details of outstanding participants, if any.

Date	Name [National/State] of the conference/Seminar and topic	Sponsoring agency	Name of the Scientist /Scholar/Chief guest
Sep 19 th & 20 th	National Seminar on Big Data Analytics	-----	Mr K. VIJAYA KUMAR Senior Engineer C-DAC (Centre for Development of Advanced Computing) Chennai – 113 viajyk@cdac.in

20. Student profile course-wise: Single Window system admission is made. There is a common application form for all Science courses.

Name of the Course (refer question no. 2)	Applications received	Selected	
		Male	Female
Comp.Sci		42	18

Pass percentage of the department

Year	UG	PG
2010-11	96	
2011-12	72	
2012-13	92	
2013-14	81	88

21. Diversity of Students

Name of the Course (refer question no. 2)	% of students from the college	% of students from the state	% of students from other States	% of students from other countries
M.Sc	20%	80%		
M.Phil	12%	88%		

22. How many students have cleared Civil Services, Defense Services, NET, SLET, GATE and any other competitive examinations? NIL

23. Student progression

Student progression	Percentage against enrolled
UG to PG	25%
PG to M.Phil.	NIL
PG to Ph.D.	NIL
Ph.D. to Post-Doctoral	NIL
Employed	
• Campus selection	NIL
• Other than campus recruitment	50%
Entrepreneurs	

24. Diversity of staff

Percentage of faculty who are graduates of the same parent university – 3/12	
from other universities within the State 9/12	
from other universities from other States	
NIL	

25. Number of faculty who were awarded Ph.D., D.Sc. and D.Litt. during the assessment period. NIL

26. Present details about infrastructural facilities

- m) Library – Department library has more than 700 books
- n) Internet facilities for staff and students – Broad band card is available
- o) Total number of class rooms – 05 rooms
- p) Class rooms with ICT facility – One room
- q) Students' laboratories - 02
- r) Research laboratories - 01

27. Number of students of the department getting financial assistance from College – Most of the students avail scholarships from Govt. of Tamil Nadu

28. Was any need assessment exercise undertaken before the development of new program(s)?
If so, give the methodology.

29. Does the department obtain feedback from

- d. faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize it? Yes
- e. students on staff, curriculum as well as teaching-learning-evaluation and what is the response of the department to the same? Yes
- f. alumni and employers on the programmes and what is the response of the department to the same? Yes

Collecting the feed back and discussed in the department staff meeting.

30. List the distinguished alumni of the department (maximum 10)

Sl.No	Name of the Alumni	Place of Working
1	Mr. N. Santhana Krishnan	Asst. Programmer, DAGA
2	Mr Prbahu	Tech Mahendra
3	Sowher Nisha – 2015 II shift	ICICI
4	Babu – 2015 II Shift	ICICI
5	Sathish 2011	Dynamic Software Solutions – Software Engineer
6	Praveen – 2011	Igate Global Solutions - Software Engineer
7	Prabhakaran 2012	Tamil Nadu Police Service
8	Srinivasan – PG 2013	Tamil Nadu Police Service

31. Give details of student enrichment programmes (special lectures / workshops / seminar) with external experts.

Year	No. of Seminars/ Workshops
2010-11	1
2011-12	1
2012-13	1
2013-14	2
2014-15	3

32. List the teaching methods adopted by the faculty for different programmes.

- Lecturers
- LCD Projector based explanation
- Visualizer classes

33. How does the department ensure that programme objectives are constantly met and learning outcomes monitored?

Feed back fro the students and Alumni's

34. Highlight the participation of students and faculty in extension activities.

Students are encouraged to attend social awareness programmes.

35. Give details of “beyond syllabus scholarly activities” of the department.

The department release a student article magazine ‘StuBitz’ every year from 2006 onwards.

Through the department association Inter and Intra departmental activities are conducted regularly.

36. State whether the programme/ department is accredited/ graded by other agencies. Give details. - No

37. Detail any five Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department

Strengths

- Very Good infrastructure facilities are available in the department. Two labs with nearly 75 machines are in working conditions.
- LCD Projector and Visualizer is available in both labs.
- All the posts are filled.
- Department is producing more than 90% results consistently from the year 1992.
- Department of Computer Science produced Five Gold medal students in the University Examinations.
- The department releases student magazine ‘StuBitz’ every year from 2006 onwards.
- The department association conducts Inter and Intra departmental activities regularly.
- Faculty members are attending workshops, conferences and publishing papers in journals/conferences regularly.
- Department faculty members give individual attention to all the students and gives counseling regularly.
- Department of Computer Science gives more attention to the Quality of the students it produces every year.
- Department of Computer Science excel in the extracurricular activities conducted inside and outside the college.

Weaknesses

- ✓ Lack of student motivation in past years.
- ✓ Lack of Communication skill due to students coming from rural areas.

Opportunities

- Very Good infrastructure facilities are available in the department. Two labs with

- nearly 75 machines are in working conditions.
- LCD Projector and Visualizer are available in both labs.

Challenges

- Tamil medium students
- Lack of concentration from the students

38. Future plans of the department.

- ✚ To conduct National / International Conferences
- ✚ Apply Major/minor research projects

EVALUATIVE REPORT OF THE DEPARTMENT - DEFENCE AND STRATEGIC STUDIES

1. Name of the Department & its year of establishment Defence and strategic studies-2013
2. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.) -UG
3. Interdisciplinary courses and departments involved-NA
4. Annual/ semester/choice based credit system -CBCS
5. Participation of the department in the courses offered by other departments -NA
6. Number of teaching posts sanctioned and filled (Professors/Associate Professors/Asst. Professors)

	Sanctioned	Filled
Professors		
Associate Professors	1	1
Asst. Professors	1	NIL

7. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt./Ph.D. / M. Phil. etc.,)

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. Students guided for the last 4 years
DR.V.MURALIDHARAN	M.A, M.Phil, Ph.D	Associate Professors	National Security	18	NIL

8. Percentage of classes taken by temporary faculty – programme-wise information
Dept of Defence and Strategic Studies-Guest faculty 50%
9. Programme-wise Student Teacher Ratio -1:21
10. Number of academic support staff (technical) and administrative staff: sanctioned and filled -NIL
11. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Mention names of funding agencies and grants received project-wise.-NIL
12. Departmental projects funded by DST-FIST; DBT, ICSSR, etc.; total grants received
13. Research facility / centre with -NIL
 - state recognition
 - national recognition
 - international recognition
14. Publications: NIL
 - * Number of papers published in peer reviewed journals (national / International)
 - * Monographs
 - * Chapter(s) in Books
 - * Editing Books
 - * Books with ISBN numbers with details of publishers
 - * Number listed in International Database (For *e.g.* Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)
 - * Citation Index – range / average
 - * SNIP
 - * SJR
 - * Impact factor – range / average
 - * h-index
15. Details of patents and income generated -NIL
16. Areas of consultancy and income generated -NIL
17. Faculty recharging strategies : NIL

18. Student projects

- percentage of students who have done in-house projects including inter-departmental -NIL
- percentage of students doing projects in collaboration with industries / institutes -NIL

19. Awards / recognitions received at the national and international level by

- Faculty
- Doctoral / post doctoral fellows
- Students -NIL

20. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.

21. Student profile course-wise:

Name of the Course (refer question no. 2)	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
B.A DEFENCE AND STRATEGIC STUDIES		24	10	NA	NA

22. Diversity of Students

Name of the Course (refer question no. 2)	% of students from the college	% of students from the state	% of students from other States	% of students from other countries
B.A DEFENCE AND STRATEGIC STUDIES		100%		

23. How many students have cleared Civil Services, Defense Services, NET, SLET, GATE and any other competitive examinations? NA

24. Student progression

Student progression	Percentage against enrolled
UG to PG	NA
PG to M.Phil.	NA
PG to Ph.D.	NA
Ph.D. to Post-Doctoral Employed	NA
• Campus selection • Other than campus recruitment	
Entrepreneurs	NA

25. Diversity of staff

Percentage of faculty who are graduates

of the same parent university - 100%

from other universities within the State -nil

from other universities from other States - nil

29. Number of faculty who were awarded Ph.D., D.Sc. and D.Litt. during the assessment period. NIL

26. Present details about infrastructural facilities

- a) Library -42 BOOKS
- b) Internet facilities for staff and students
- c) Total number of class rooms -2
- d) Class rooms with ICT facility
- e) Students' laboratories
- f) Research laboratories

27. Number of students of the department getting financial assistance from College. 40

28. Was any need assessment exercise undertaken before the development of new program(s)? If so, give the methodology. NA

29. Does the department obtain feedback from

- a. Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize it? YES
- b. Students on staff, curriculum as well as teaching-learning-evaluation and what is the response of the department to the same? YES
- c. Alumni and employers on the programmes and what is the response of the department to the same? NA

30. List the distinguished alumni of the department (maximum 10) NA

31. Give details of student enrichment programmes (special lectures / workshops / seminar) with external experts.

32. List the teaching methods adopted by the faculty for different programmes.

33. How does the department ensure that programme objectives are constantly met and learning outcomes monitored?
34. Highlight the participation of students and faculty in extension activities.
35. Give details of “beyond syllabus scholarly activities” of the department. -To visit places of historical important -a recent visit to “War museum”-Fort St.George ,CHENNAI
36. State whether the programme/ department is accredited/ graded by other agencies. Give details.
37. Detail any five Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.
SWOC

The programme was initiated in July 2013. The first batch of students shall pass out in April 2016. A meaningful and objective SWOC analysis shall be carried out after that and necessary fine tuning shall be done to enrich the programme.

38. Future plans of the department.

To introduce M.A Defence and Strategic studies

To explore joint Academic endeavors with neighborhood institutions of Armed Forces and Police.

To identify and motivate students to appear for various competitive exams like IAS, IPS, IFS, TNPSC, SSC AND Armed Forces.

Efforts to include National Security as a Subject in Group I of TNPS.

Evaluative Report of the Department - ECONOMICS

1. Name of the Department & its year of establishment Economics 2011-12
2. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.) BA, MA
3. Interdisciplinary courses and departments involved B,.Com. BBA, and BA (Defense and strategic studies)
4. Annual/ semester/choice based credit system - CBCS
5. Participation of the department in the courses offered by other departments -NA
6. Number of teaching posts sanctioned and filled (Professors/Associate Professors/ Asst. Professors)

	Sanctioned	Filled
Professors		
Associate Professors		
Asst. Professors	7	6

7. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.,)

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. Students guided for the last 4 years
Dr. C. Theerthalingam	M.A., M.Phil., Ph.D	Asst. Professor	Agriculture Economics	12	-
Dr. A. Vijayakanth	M.A., M.Phil., Ph.D	Asst. Professor	Development Economics	14	03 Guiding
L. Clement Baskar	M.A., M.Phil.	Asst. Professor	Quantitative Techniques	23	-
Dr. K.Arumugam	M.A., M.Phil., Ph.D	Asst. Professor	Rural Economics	21	-

R. Sundaramurthy	M.A., M.Phil.	Asst. Professor	Monetary Economics	15	-
Dr.P. Jeevarathinam	M.A.(Eco.) M.Sc (Psy.), M.Phil.,, Ph.D	Asst. Professor	Development Economics	20	-

8. Percentage of classes taken by temporary faculty – programme-wise information - NA

9. Programme-wise Student Teacher Ratio -

10. Number of academic support staff (technical) and administrative staff: sanctioned and filled - NA

11. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Mention names of funding agencies and grants received project-wise. 01-UGC

12. Departmental projects funded by DST-FIST; DBT, ICSSR, etc.; total grants received

13. Research facility / centre with -

- state recognition - NIL
- national recognition - NIL
- international recognition - NIL

14. Publications:

- * number of papers published in peer reviewed journals (national / international)
- * Monographs
- * Chapter(s) in Books
- * Editing Books
- * Books with ISBN numbers with details of publishers
- * number listed in International Database (For *e.g.* Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)
- * Citation Index – range / average
- * SNIP
- * SJR
- * Impact factor – range / average
- * h-index

15. Details of patents and income generated - NA

16. Areas of consultancy and income generated - NA

17. Faculty recharging strategies - Orientation and refresher courses

18. Student projects - 01

- percentage of students who have done in-house projects including inter-departmental
- percentage of students doing projects in collaboration with industries / institutes -

19. Awards / recognitions received at the national and international level by - NIL

- Faculty
- Doctoral / post doctoral fellows
- Students

20. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any. - NIL

21. Student profile course-wise: 2014-15

Name of the Course (refer question no. 2)	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
I BA	170	46	24	NA	
I MA	20	13	-	NA	

22. Diversity of Students - NA

Name of the Course (refer question no. 2)	% of students from the college	% of students from the state	% of students from other States	% of students from other countries

23. How many students have cleared Civil Services, Defense Services, NET, SLET, GATE and any other competitive examinations? - NIL

24. Student progression

Student progression	Percentage against enrolled
UG to PG	01
PG to M.Phil.	
PG to Ph.D.	
Ph.D. to Post-Doctoral	
Employed • Campus selection • Other than campus recruitment	
Entrepreneurs	

25. Diversity of staff

Percentage of faculty who are graduates

of the same parent university -06

from other universities within the State -

from other universities from other States

26. Number of faculty who were awarded Ph.D., D.Sc. and D.Litt. during the assessment period. - 02

27. Present details about infrastructural facilities

- g) Library - AVAILABLE
- h) Internet facilities for staff and students - YES
- i) Total number of class rooms - 06
- j) Class rooms with ICT facility - 01
- k) Students' laboratories - NA
- l) Research laboratories - NA

28. Number of students of the department getting financial assistance from College. - ALL
29. Was any need assessment exercise undertaken before the development of new program(s)? If so, give the methodology. - NA
30. Does the department obtain feedback from
 - g. faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize it? - YES, Corrective Measures Were Taken
 - h. students on staff, curriculum as well as teaching-learning-evaluation and what is the response of the department to the same? - YES
 - i. alumni and employers on the programmes and what is the response of the department to the same? - YES, Better.
31. List the distinguished alumni of the department (maximum 10) -
32. Give details of student enrichment programmes (special lectures / workshops / seminar) with external experts. - Every month special lectures and workshops conducted.
33. List the teaching methods adopted by the faculty for different programmes. - ICT Methods - OHP, LCD etc.,
34. How does the department ensure that programme objectives are constantly met and learning outcomes monitored? - By way of Results.
35. Highlight the participation of students and faculty in extension activities. - NSS, NCC, SPORTS, YRC.
36. Give details of "beyond syllabus scholarly activities" of the department. - Socio-Economic Survey, Field Work,
37. State whether the programme/ department is accredited/ graded by other agencies. Give details. NA
38. Detail any five Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department

STRENGTH

1. Our department has 04 Ph.D holder.
2. Our department has 02 M.Phil holder.
3. Well sophisticated library.
4. Has ICT facility

5. In the same wing we got all the class room

Weakness - nil

Opportunity -

1. Better placement for the student's community.
2. Department Library facility are available for preparation of competitive examinations.
3. Department provides opportunity for the first generation students.
4. Easy accessible by the students to the college.
5. Encouraging the students in the field of economic research.

39. Future plans of the department.

Making the department as the full fledged Research Department M.Phil and Ph.D.

Evaluative Report of the Department - MATHEMATICS

1. Name of the Department & its year of establishment

Department of Mathematics - Year of Establishment - 1981

2. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.)

B.Sc. Mathematics, M.Sc. Mathematics, Ph.D. (Part-Time)

3. Interdisciplinary courses and departments involved

4. Annual/ semester/choice based credit system
CBCS

5. Participation of the department in the courses offered by other departments

Allied Mathematics for B.Sc. Physics, B.Sc. Computer science, B.Sc. Chemistry.

6. Number of teaching posts sanctioned and filled (Professors/ Associate Professors/ Asst. Professors)

	Sanctioned	Filled
Professors		
Associate Professors		
Asst. Professors	11+1(GL)	11+1(GL)

7. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. / Ph.D. / M. Phil. etc.,)

Sl. No.	Name	Designation	Qualification	Specialization	Experience (in years)	No. of Ph.D. Students guided for the last 4 years
1	Mr. S. Navamani	Associate Professor & Head	M.Sc., M.Phil.	Algebra	33	
2	Mrs. A. Sarojini	Associate Professor	M.Sc., M.Phil., PGDCA	Fluid Dynamics	16	
3	Mr. O. S. Babu	Associate Professor	M.Sc., M.Phil., B.Ed., PGDCA	Complex Analysis	14	

4	Mr. A. R. Ragavan	Associate Professor	M.Sc., M.Phil.	Fluid Dynamics	14	
5	Mrs. J. Desdemona Kirubavathi	Associate Professor	M.Sc., M.Phil., B.Ed.	Fluid Dynamics	14	
6	Dr. S. Karthigeyan	Assistant Professor	M.Sc., Ph.D.	Operations Research	7	Guiding 3 Ph.D. Scholars
7	Mr. M.K. Purushothkumar	Assistant Professor	M.Sc., M.Phil.	Graph Theory	7	
8	Mr. K. Thulukkanam	Assistant Professor	M.Sc., M.Phil., B.Ed.	Fuzzy Analysis	6	
9	Mr. K. Saravanan	Assistant Professor	M.Sc., M.Phil.		6	
10	Mrs. D. Kalpana	Assistant Professor	M.Sc., M.Phil.	Operations Research	6	
11	Dr. G. Palani	Assistant Professor	M.Sc., M.Phil., Ph.D.	Fluid Dynamics	5	Guiding 4 Ph.D. scholars
12	Mr. M. Vadivel	Guest Lecturer	M.Sc., M.Phil.		8	

8. Percentage of classes taken by temporary faculty – programme-wise information
II-Shift Classes are handled by temporary faculty (Guest Lecturer) only

Sl. No.	Class	No. of Hours
1.	I B.Sc. Computer Science – Allied Mathematics	6
2.	II B.Com – Business Statistics and Operations Research	6
Total No. of Hours		12

9. Programme-wise Student Teacher Ratio

Sl.No	Programme	Number of Students	Teachers	Ratio
1	B.Sc.	244	7	244 : 7
2	M.Sc.	50	4	25:2
3	Ph.D.	4	1	-

10. Number of academic support staff (technical) and administrative staff: sanctioned and filled : nil

11. Number of faculty with ongoing projects from a) national b) international funding

agencies and c) Total grants received. Mention names of funding agencies and grants received project-wise. NIL

12. Departmental projects funded by DST-FIST; DBT, ICSSR, etc.; total grants received NIL

13. Research facility / centre with

- state recognition
- national recognition
- international recognition

14. Publications:

- * number of papers published in peer reviewed journals (national / international) - 35
- * Monographs
- * Chapter(s) in Books
- * Editing Books
- * Books with ISBN numbers with details of publishers
- * number listed in International Database (For *e.g.* Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)
- * Citation Index – range / average
- * SNIP
- * SJR
- * Impact factor – range / average
- * h-index

15. Details of patents and income generated - NIL

16. Areas of consultancy and income generated - NIL

17. Faculty recharging strategies

Faculties are encouraged to attend Orientation/Refresher/ Workshop/ Seminar/Conference.

18. Student projects

- percentage of students who have done in-house projects including inter-departmental
- percentage of students doing projects in collaboration with industries / institutes

19. Awards / recognitions received at the national and international level by

- Faculty
- Doctoral / post doctoral fellows

- Students
20. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.
UGC Sponsored one-day Seminar on “Role of computers in Mathematical Learning and Modeling” by Dr. M. Subbiah, Asst. Prof. of Mathematics, L.N.Govt. College, Ponneri.
21. Student profile course-wise:

Name of the Course (refer question no. 2)	Applications Received	Selected		Pass percentage	
		Male	Female	Male	Female

Pass percentage of the department

Year	UG	PG
2010-11	61	62
2011-12	28	74
2012-13	56	79
2013-14	42	84

22. Diversity of Students

Name of the Course (refer question no. 2)	% of Students from the college	% of students from the state	% of students from other States	% of students from other countries

23. How many students have cleared Civil Services, Defense Services, NET, SLET, GATE and any other competitive examinations?

24. Student progression

Student progression	Percentage against enrolled
UG to PG	
PG to M.Phil.	
PG to Ph.D.	
Ph.D. to Post-Doctoral	
Employed	
• Campus selection	
• Other than campus recruitment	

Entrepreneurs

Student progression	Percentage against enrolled				
	2010-11	2011-12	2012-13	2013-14	2014-15
UG to PG	9/38	5/46	15/43	10/45	
PG to M.Phil.	3/13	8/19	5/19	4/19	
PG to Ph.D.		1/19			
Ph.D. to Post-Doctoral					
Employed					
Campus selection					
Other than campus recruitment	UG: 35/38 PG: 10/13	UG: 42/46 PG: 13/19	UG: 40/43 PG: 15/19	UG: 39/45 PG: 15/19	
Entrepreneurs					

25. Diversity of staff

Percentage of faculty who are graduates

the same parent university --- 11/12

from other universities within the State 1/12

from their universities from other States NIL

26. Number of faculty who were awarded Ph.D., D.Sc. and D.Litt. during the assessment period. 02

27. Present details about infrastructural facilities

m) Library -- **Available**

n) Internet facilities for staff and students -- **Available**

o) Total number of class rooms -- 05

p) Class rooms with ICT facility -- NIL

q) Students' laboratories -- NIL

r) Research laboratories -- NIL

28. Number of students of the department getting financial assistance from College.
29. Was any need assessment exercise undertaken before the development of new program(s)? If so, give the methodology.
30. Does the department obtain feedback from
- faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize it?
 - students on staff, curriculum as well as teaching-learning-evaluation and what is the response of the department to the same?
 - alumni and employers on the programmes and what is the response of the department to the same?
31. List the distinguished alumni of the department (maximum 10)
32. Give details of student enrichment programmes (special lectures / workshops / seminar) with external experts.

Year	No. of Seminars/ Workshops
2010-11	1
2011-12	1
2012-13	1
2013-14	1
2014-15	1

33. List the teaching methods adopted by the faculty for different programmes.
- Lecturers
 - LCD Projector based explanation
34. How does the department ensure that programme objectives are constantly met and learning outcomes monitored?
Feedback from the students and Alumnus
35. Highlight the participation of students and faculty in extension activities.
NSS/NCC/Sports/YRC/RRC

36. Give details of “beyond syllabus scholarly activities” of the department.
Through the department association Inter-departmental activities are conducted regularly.
37. State whether the programme/ department is accredited/ graded by other agencies. Give details.
38. Detail any five Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department

Strengths

- Very Good infrastructure is available in the department.
- LCD Projector is available.
- All the posts are filled.
- Right from the inception of the programme good results are produced both in UG and PG.
- Through the department association Inter-departmental activities are conducted regularly.
- Faculties are regularly attending workshops and conferences.
- Faculties are publishing research articles in reputed journal and conferences.

Weaknesses

- No separate computer laboratory for mathematics department
- No closed auditorium for the college to conduct seminars and conferences.

Opportunities**Challenges**

39. Future plans of the department.

- ✚ To conduct National / International Conferences
- ✚ Applying for research projects

EVALUATIVE REPORT OF THE DEPARTMENT - NUTRITION FOOD SERVICE MANAGEMENT AND DIETETICS

1. Name of the Department & its year of establishment Department of Home science - Nutrition Food Service Management and dietetics
2. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.) B. Sc Department of Home science - Nutrition Food Service Management and dietetics
3. Interdisciplinary courses and departments involved – Biochemistry- Chemistry department
Microbiology- Department of plant biology and biotechnology
4. Annual/ semester/choice based credit system = Semester choice based credit system
5. Participation of the department in the courses offered by other departments
6. Number of teaching posts sanctioned and filled (Professors/Associate Professors/Asst. Professors)

	Sanctioned	Filled
Professors		
Associate Professors	1	1
Asst. Professors	3	-

- 7 Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.,)

Name	Qualification	Designation	Specialization	Experience	No. of Ph.D. Students guided for the last 4 years
Dr. Anna Chellapah	M.Sc . M. Phil. Ph.D	Associate Professor	Food Service Management and Dietetics	16	1

8. Percentage of classes taken by temporary faculty – programme-wise information- 25%
9. Programme-wise Student Teacher Ratio 28:1
10. Number of academic support staff (technical) and administrative staff: sanctioned and filled – One permanent staff
11. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Mention names of funding agencies and grants received project-wise. Nil
12. Departmental projects funded by DST-FIST; DBT, ICSSR, etc.; total grants received
13. Research facility / centre with Nil
 - state recognition
 - national recognition
 - international recognition
14. Publications:
 - * number of papers published in peer reviewed journals (national / international) 3 international 5 national
 - * Monographs
 - * Chapter(s) in Books
 - * Editing Books
 - * Books with ISBN numbers with details of publishers
 - * number listed in International Database (For *e.g.* Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)
 - * Citation Index – range / average
 - * SNIP
 - * SJR
 - * Impact factor – range / average
 - * h-index
15. Details of patents and income generated Nil
16. Areas of consultancy and income generated Nil
17. Faculty recharging strategies
Attend various relevant workshops seminars conferences

18. Student projects

- percentage of students who have done in-house projects including inter-departmental 100%
- percentage of students doing projects in collaboration with industries / institutes

19. Awards / recognitions received at the national and international level by

- Faculty – Best research award in applied sciences by International Journal of applied sciences
- Doctoral / post doctoral fellows
- Students

20. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.

21. Student profile course-wise:

Name of the Course (refer question no. 2)	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
2013-2014			4		4
2014-2015		12	12	2	10

22. Diversity of Students

Name of the Course (refer question no. 2)	% of students from the college	% of students from the state	% of students from other States	% of students from other countries
B.Sc Home science – Nutrition Food Service Management and Dietetics				
2013-2014		4		
2014-2015		23	1	

23. How many students have cleared Civil Services, Defense Services, NET, SLET, GATE and any other competitive examinations?

24. Student progression

Student progression	Percentage against enrolled
UG to PG	
PG to M.Phil.	
PG to Ph.D.	
Ph.D. to Post-Doctoral	
Employed • Campus selection • Other than campus recruitment	
Entrepreneurs	

25. Diversity of staff

Percentage of faculty who are graduates	
of the same parent university	
from other universities within the State	
from other universities from other States	

26. Number of faculty who were awarded Ph.D., D.Sc. and D.Litt. during the assessment period. Nil

27. Present details about infrastructural facilities

- s) Library yes
- t) Internet facilities for staff and students No
- u) Total number of class rooms Department of Nutrition 2 classrooms(one is also used as lab)
- v) Class rooms with ICT facility 1
- w) Students' laboratories 1
- x) Research laboratories nil

28. Number of students of the department getting financial assistance from College.
16/27 students

29. Was any need assessment exercise undertaken before the development of new program(s)? If so, give the methodology.

30. Does the department obtain feedback from

j. faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize it?

Feedback obtained from board of studies members are consolidated and relevant changes are made in the syllabus

k. students on staff, curriculum as well as teaching-learning-evaluation and what is the response of the department to the same? – Yes

l. alumni and employers on the programmes and what is the response of the department to the same?

31. List the distinguished alumni of the department (maximum 10) NA

32. Give details of student enrichment programmes (special lectures / workshops / seminar) with external experts.

NA

33. List the teaching methods adopted by the faculty for different programmes.

Lecture, demonstration, group discussion, field trips, visits to institutions, seminars assignments

34. How does the department ensure that programme objectives are constantly met and learning outcomes monitored?

The internal assessment tests are regularly conducted to evaluate students' performance in the subjects learned

35. Highlight the participation of students and faculty in extension activities.

The department conducted a 4 day health for all -2014 programme to assess the health status of the faculty and students of the campus. All essential biomarkers of health were monitored

Second year student's participated in the awareness programmes organized by the ministry of social welfare for promoting the usage of millets among anganwadi workers and to train them to carry the message to the community. Two centers were identified viz., Royapuram and Perambur and the faculty and students participated in these programmes. The Head was a resource a resource person for the programme conducted at Royapuram.

36. Give details of “beyond syllabus scholarly activities” of the department.- Nil
37. State whether the programme/ department is accredited/ graded by other agencies. Give details. Nil
38. Detail any five Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department
- Strength- the course is diversified and includes Nutrition food service management and dietetics as three major components thereby providing a wide range of job opportunities to the students
 - Opportunity- there is a great demand for nutritionists in hospitals and fitness centers as well as for nutritionists in the in the hospitality industry
 - Threat- Excellence in the field however requires experience over a period of time. Students these days prefer more quick lucrative opportunities such as marketing and sales thereby threatening a scarcity of students progressing to higher education in the same course
 - Weakness- English language is barrier as most students hail from Tamil medium schools

39. Future plans of the department.

The department proposes to start a PG programme to encourage students to pursue higher education PROVIDED adequate infrastructure facilities are provided for the same.

A fitness and health counselling center offering diet counselling to all faculty and students once a week is another dream of the department

Evaluative Report of the Department - PHYSICS

1. Name of the Department & its year of establishment

DEPARTMENT OF PHYSICS

1974 (as an allied department)

2012 (Major Physics programme started)

2. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.)

UG – B.Sc., PHYSICS

3. Interdisciplinary courses and departments involved

General Elective courses with other departments as Non-Major Electives – Non-conventional energy sources, Astrophysics, Basic Physics, Everyday Physics, Laser Physics and Essentials of electricity

4. Annual/ semester/choice based credit system

Semester with CHOICE BASED CREDIT SYSTEM

5. Participation of the department in the courses offered by other departments

Allied Physics Course offered to the departments of Mathematics, Chemistry and Computer Science

6. Number of teaching posts sanctioned and filled (Professors/Associate Professors/ Asst. Professors)

	Sanctioned	Filled
Professors	Nil	Nil
Associate Professors	Nil	Nil
Asst. Professors	12	9

7. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.,)

Name	Quali.	Designation	Specialization	No. of Years of Experience	No. of Ph.D. Students guided for the last 4 years
Mrs. D. SUBASHINI	M.Sc., M.Phil.,	Assistant Professor & Head	Nuclear Physics	13	NIL
Mrs. P.R. KANIMOZHI	M.Sc., M.Phil., B.Ed.,	Assistant Professor	Nuclear Physics	10	NIL
Dr. A. SEKAR	M.Sc., B.Ed., Ph.D.,	Assistant Professor	High Pressure Physics	15	NIL

Mrs.S.SARADHA	M.Sc., M.Phil.,	Assistant Professor	Thin Film Physiscs	19	NIL
Dr.T. RAVISHANKAR	M.Sc., M.Phil., Ph.D.,	Assistant Professor	Crystallograp hy	17	NIL
Dr.A.C. GANESH KUMAR	M.Sc., M.Ed., Ph.D.,	Assistant Professor	Solid State Ionics	13	NIL
Mr.N. MANI	M.Sc., M.Ed.,	Assistant Professor	Crystallograp hy	25	NIL
Dr. T. HEMA THANKA CHRISTLET	M.Sc., Ph.D.,	Assistant Professor	Biophysics & Bioinformatic s	12	NIL
Dr. S.V. RAJASEKARAN	M.Sc., M.Phil., Ph.D.,	Assistant Professor	Crystal Growth	5	NIL

8. Percentage of classes taken by temporary faculty – programme-wise information
nil

9. Programme-wise Student Teacher Ratio

UG - Physics : 24:1

10. Number of academic support staff (technical) and administrative staff: sanctioned and filled

Sanctioned - 1

Filled - Nil

11. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Mention names of funding agencies and grants received project-wise.

NIL

12. Departmental projects funded by DST-FIST; DBT, ICSSR, etc.; total grants received

NIL

13. Research facility / centre with

- state recognition
- national recognition
- international recognition

NOT APPLICABLE

14. Publications: **(for the past five years)**

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

10

Mrs. D. Subashini

D. Subashini, S. Nalini Jayanthi, A.R. Prabhakaran, K. Thamizharasan, Spectral, thermal investigations and particle size determination of L-threonine single crystals. Advances in applied Science Research, Vol.4(2), 238-242 (2013)

D. Subashini, S. Nalini Jayanthi, A.R. Prabhakaran, K. Thamizharasan, A Study on optical, thermal, mechanical properties and particle size determination of non-linear optical L-threonine single crystals, Archives of Physics Research, 5(2), 14-21 (2013)

S. Nalini Jayanthi, D. Subashini, A.R. Prabhakaran, K. Thamizharasan, Growth and characterization of a non-linear optical crystal: Thiourea added L-histidine, International Journal of Advances in Engineering and Technology, 5(2), 85-92 (2013)

S. Nalini Jayanthi, D. Subashini, A.R. Prabhakaran, K. Thamizharasan, Optical, thermal and mechanical studies on a novel nonlinear optical material; TLH crystals, Archives of Applied Science Research, 5(1), 241-246 (2013)

S. Nalini Jayanthi, D. Subashini, A.R. Prabhakaran, K. Thamizharasan, Studies on the growth aspects of semi-organic ammonium borodilactate: a promising new NLO crystal. International Journal of advances in Engineering and Technology, 6(1), 298-303 (2013).

Dr. T. Hema Thanka Christlet

Shiek S.S.J Ahmed, Suresh Kumar, T. Hema Thanka Christlet and S. Winkins Santosh,. Neural network algorithm for the early detection of Parkinson's disease from blood plasma by FTIR micro-spectroscopy, Vibrational Spectroscopy (2010) 53: 181-188

Dr. S.V. Rajasekaran

Rajasekaran, S V; Achary, S Nagabhusan; Patwe, S J; Jayvel, R; Mangamma, G; Tyagi, Ashok K Phase transformation in relaxor - ferroelectric single crystal $[\text{Pb}(\text{S}_{1/2}\text{Nb}_{1/2})\text{O}_3]_{0.58}-[\text{PbTiO}_3]_{0.42}$ *Journal of Materials Research*(2014).

R. Saravanan, D. Rajesh, S.V. Rajasekaran, R. Perumal, M. Chitra, and R. Jayavel. Crystal structure, dielectric properties of $(\text{K}_{0.5}\text{Na}_{0.5})\text{NbO}_3$ single crystal grown by flux method using B_2O_3 flux, Cryst. Res. Technol., 1–7 (2013) / DOI 10.1002/crat.201200282

R. Saravanan, D. Rajesh, S. V. Rajasekaran, R. Peurm, M. Chitra, and R. Jayavel. Effects of Copper Oxide Doping on the Properties of Sodium Potassium Niobate $(\text{Na}_{0.5}\text{K}_{0.5})\text{NbO}_3$ piezoelectric Single Crystals Grown by Flux Method, International Journal of Applied Physics and Mathematics, Vol. 2, No. 4, July 2012

S. V. Rajasekaran, T. Tite, Y.-M. Chang, R.Sankar, and F. C. Chou Local inhomogeneity and surface degradation of $\text{Fe}_{1.15}\text{Te}$ and $\text{Fe}_{1.03}\text{Te}_{0.62}\text{Se}_{0.38}$ single crystals, Journal of Materials Science, 46 (23), p.7582-7587, Dec 2011

- * Monographs --- **Nil**
- * Chapter(s) in Books --- **Nil**
- * Editing Books --- **Nil**
- * Books with ISBN numbers with details of publishers – **Nil**
- * number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.) --**Nil**
- * Citation Index – range / average
- * SNIP
- * SJR
- * Impact factor – range / average

* h-index

15. Details of patents and income generated --- **Nil**

16. Areas of consultancy and income generated --- **Nil**

17. Faculty recharging strategies

Faculty members are regularly attending refresher courses, seminars and conferences to update their knowledge in the recent developments in the field of Physics and to keep abreast with teaching-learning methodologies. Teaching faculty are presenting papers in seminars and conferences and gave invited talk in other institutions.

Particulars	2010-11	2011-12	2012-13	2013-14	2014-15
Refresher course	3	3	2	3	5
Orientation Programme	1				
Conferences/ seminars attended	3	7	3	1	2
Paper presentation in seminars	1	3	1	1	2
Publication	1	1	4	4	

18. Student projects **NIL**

- percentage of students who have done in-house projects including inter-departmental
- percentage of students doing projects in collaboration with industries / institutes

19. Awards / recognitions received at the national and international level by

- Faculty

Mrs. D. Subashini won Appreciation Award in the Workshop conducted by K.R.Meena Muthiah College, Chennai on Skill Development, 2012

- Doctoral / post doctoral fellows

- **Students**

W. Priscilla	III Prize in the essay competition conducted by Science City, CHENNAI
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20. Seminars/ Conferences/Workshops organized and the source of funding (national /international) with details of outstanding participants, if any.

2010-2011

Seminar on “Astronomy – Myths & Reality” Sponsored by UGC & Science City, 21st July, 2010

Source of Funding: UGC & Science City

2011-12

One day Seminar on “Astronomy” for School Students, 7th March 2012

Source of Funding: UGC

2012-13

One day seminar by Department of Physics Association – SPARKS, 14th February, 2013

2013-14

One day Seminar on “Man's place in the Universe” 28th January, 2014

Source of Funding: UGC

One day seminar by Department of Physics Association – SPARKS, 14th February, 2014.

2014-15

One day Seminar on “Astronomy” for School Students, 12th February, 2015

Source of Funding: UGC

National Science Day Celebrations, 28th February, 2015

21. Student profile course-wise:

Name of the Course (refer question no. 2)	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
PHYSICS					
2012-13	27	19	6	Students complete degree by June 2015	
2013-14	143	34	21		
2014-15	777 (includes Physics, Maths and Statistics)	32	16		

22. Diversity of Students

Name of the Course (refer question no. 2)	% of students from the college	% of students from the state	% of students from other States	% of students from other countries
B.Sc., PHYSICS	-	100	-	-

23. How many students have cleared Civil Services, Defense Services, NET, SLET, GATE and any other competitive examinations?

NIL

24. Student progression **NOT APPLICABLE** since the first batch students complete the degree by June 2015.

Student progression**Percentage against enrolled**

UG to PG

PG to M.Phil.

PG to Ph.D.

Ph.D. to Post-Doctoral

Employed

- Campus selection
- Other than campus recruitment

Entrepreneurs

25. Diversity of staff

Percentage of faculty who are graduates

of the same parent university **66.6**

from other universities within the State **33.3**

from other universities from other States **Nil**

26. Number of faculty who were awarded Ph.D., D.Sc. and D.Litt. during the assessment period.

NIL

27. Present details about infrastructural facilities

a) Library

Total Number of books in the department library : 1018

b) Internet facilities for staff and students : **2 computers are available in the department**

c) Total number of class rooms : **FIVE**

d) Class rooms with ICT facility : **YES**

e) Students' laboratories :

No. of Labs – 02 with student capacity of 30 per batch

f) Research laboratories

NIL

28. Number of students of the department getting financial assistance from College.

A total of 92 students out of 118 students are getting financial assistance from the Government of Tamilnadu in terms of BC, MBC and SC/ST scholarship. The Tamil medium students are getting the financial assistance as “Tamil Fund” from the State Government through which 54 students are benefited. The Scholarships are processed by the College office and the Scholarship amount is directly credited to the students' bank accounts.

29. Was any need assessment exercise undertaken before the development of new program(s)? If so, give the methodology.

To start any new programme the college sent the request to Directorate College Education. If it is accepted by the authorities then the directorate is responsible for appointment of the required faculty.

30. Does the department obtain feedback from

a. faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the

department utilize it?

Feedback is obtained from faculty at department meetings.

- b. students on staff, curriculum as well as teaching-learning-evaluation and what is the response of the department to the same?

Feedback is obtained in every semester. It helps in enhancing the teaching methodology and the curriculum is revised as per the suggestion whenever required. Reinforcement of areas identified for improvement.

- c. alumni and employers on the programmes and what is the response of the department to the same?

NA

31. List the distinguished alumni of the department (maximum 10)

NA

32. Give details of student enrichment programmes (special lectures / workshops / seminar) with external experts.

2010-2011

Seminar on “Astronomy – Myths & Reality” Sponsored by UGC & Science City, 21st July, 2010

Inauguration by Dr. Iyamperumal, Vice Chairman, Science City

Lecture on “Mechanical Universe” by r. Subbiah Pandi, Associate Professor, Department of Physics, Presidency College, Chennai

Lecture on “Galileo – a revolutionary” by Dr. Murugan, Department of Physics, Vivekannada College, Chennai.

Lecture on “A journey to our Solar system and Beyond” by Mr. Vijayakumar, Member , Tamilnadu Astronomy Association, Chennai

2011-12

One day Seminar on “Astronomy” for School Students, 7th March 2012

A Lecture on “A Journey to our Galaxy” by Mr. Vijayakumar, Member , Tamilnadu Astronomy Association, Chennai

A Lecture on “Mystery of Astronomy” by Mr. Vinoth Kumar, Member , Tamilnadu Astronomy Association, Chennai

2012-13

One day seminar by Department of Physics Association – SPARKS, 14th February, 2013

Lecture on “Nanotechnology, Nanostructures, Nanocoatings, and Device Fabrications” by Dr. R. Jayavel, Director, Crystal Growth Center, Anna University, Chennai.

Awareness on Organic Products by Mr. Arul, Proprietor, Organic Pasumaiyagam, Chennai

2013-14

One day Seminar on “Man's place in the Universe” 28th January, 2014

Speakers: Dr. Ramesh Kumar and Mr, Vinoth Kumar, Member , Tamilnadu Astronomy Association, Chennai.

One day seminar by Department of Physics Association – SPARKS, 14th February, 2014.

Lecture on “Concept Development for Inspiring Innovations” Dr. S. Gunasekaran, Dean, St. Peter's University, Chennai.

2014-15

One day Seminar on “Astronomy” for School Students, 12th February, 2015

A Lecture on “A Journey to our Galaxy” by Mr. Vijayakumar, President, Tamilnadu Astronomy Association, Chennai

National Science Day Celebrations, 28th February, 2015

A Lecture on “Science in India-since the days of C.V. Raman” by Dr. R. Venkatesan, Scientific Officer, Radiological Safety division, IGCAR, Kalpakkam

A Lecture on “Raman Effect – relevant even today” by Mr. Ilango, Science Populariser, Newton's Science Society, Chennai.

33. List the teaching methods adopted by the faculty for different programmes.

Lecture Method

Chalk and Talk

Power point presentations

Chart preparation

Demonstration using Models

Lecture cum demonstration

Hands on training in the laboratory

Group discussions

34. How does the department ensure that programme objectives are constantly met and learning outcomes monitored?

Feedback from students

Through Board of Studies meeting

35. Highlight the participation of students and faculty in extension activities.

Voters Awareness Campaign-2014

Blood donation camps-2013, 2014

NCC, NSS

36. Give details of “beyond syllabus scholarly activities” of the department.

Awareness programmes were conducted for the nearby School Students about Physics and Astrophysics in the form of Seminars and Several School Students participate in these programmes. Competitions were conducted and the winners were awarded with prizes and certificates.

Awareness about the Universe were given to the students by observing the space through the 16” telescope available in the department.

37. State whether the programme/ department is accredited/ graded by other agencies. Give details.

NO

38. Detail any five Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department

Strength:

- **Well qualified and dedicated faculty, rich library, Laboratory with well equipped Instruments**
- **Syllabus is designed in view of competitive exams – UGC-NET, CSIR, GATE**
- **Remedial coaching for slow learners**
- **Efficient mentoring**

Weakness:

- Laboratory staff is insufficient, over-crowded UG labs

Opportunities:

- Improvement in research activities
- Availing the expertise of faculty from neighbouring institutes

Challenges:

- The fast changing needs of the job market.
- To empower students to the latest trend as most of them are first generation graduates.

39. Future plans of the department.

To establish a well-equipped, advanced lab with high precision instruments

To introduce PG programme-wise

To strengthen research and publications

To apply for research projects from various funding agencies

Evaluative Report of the Department - STATISTICS

1. Name of the Department & its year of establishment DEPARTMENT OF

STATISTICS YEAR OF ESTABLISHMENT : 2012

2. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.) B.Sc., STATISTICS
3. Interdisciplinary courses and departments involved
4. Annual/ semester/choice based credit system : SEMESTER CBCS
5. Participation of the department in the courses offered by other departments : DEPT OF BBA, DEPT OF COMMERCE (BOTH UG & PG)
6. Number of teaching posts sanctioned and filled (Professors/ Associate Professors/ Asst. Professors)

	Sanctioned	Filled
Professors		
Associate Professors		
Asst. Professors	6	3

7. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.,)

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. Students guided for the last 4 years
K.GOKILA	M.Sc., M.Phil		SURVIVAL ANALYSIS		
D.SARALA	M.Sc., M.Phil M.A	ASST PROF		17 YRS	NIL
		ASST PROF		12 YRS	
R.LAKSHMI PRIYA	M.Sc., M.Phil		MULTIVARIATE STATISTICAL TECHNIQUES		NIL
		ASST PROF		17 YRS	NIL

8. Percentage of classes taken by temporary faculty – programme-wise information
NIL
9. Programme-wise Student Teacher Ratio 1: 20
10. Number of academic support staff (technical) and administrative staff: sanctioned and filled NIL
11. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Mention names of funding agencies and grants received project-wise.
12. Departmental projects funded by DST-FIST; DBT, ICSSR, etc.; total grants received
13. Research facility / centre with
 - state recognition
 - national recognition
 - international recognition
14. Publications:
 - * number of papers published in peer reviewed journals (national / international) 7
 - * Monographs NIL
 - * Chapter(s) in Books NIL
 - * Editing Books NIL
 - * Books with ISBN numbers with details of publishers NIL
 - * number listed in International Database (For *e.g.* Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.) NIL
 - * Citation Index – range / average 1
 - * SNIP NIL
 - * SJR NIL
 - * Impact factor – range / average
 - * h-index
15. Details of patents and income generated NIL
16. Areas of consultancy and income generated NIL
17. Faculty recharging Strategy
18. Student projects NIL
 - percentage of students who have done in-house projects including inter-departmental

- percentage of students doing projects in collaboration with industries / institutes
19. Awards / recognitions received at the national and international level by
- Faculty
 - Doctoral / post doctoral fellows
 - Students
20. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.
21. Student profile course-wise:

Name of the Course (refer question no. 2)	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female

22. Diversity of Students

Name of the Course (refer question no. 2)	% of students from the college	% of students from the state	% of students from other States	% of students from other countries

23. How many students have cleared Civil Services, Defense Services, NET, SLET, GATE and any other competitive examinations? NA

24. Student progression NA

Student progression	Percentage against enrolled
UG to PG	
PG to M.Phil.	
PG to Ph.D.	
Ph.D. to Post-Doctoral	
Employed • Campus selection • Other than campus recruitment	
Entrepreneurs	

25. Diversity of staff

Percentage of faculty who are graduates	
of the same parent university	100%
from other universities within the State	
from other universities from other States	

26. Number of faculty who were awarded Ph.D., D.Sc. and D.Litt. during the assessment period. NIL

27. Present details about infrastructural facilities

- y) Library - Department Library is also available to access for students
- z) Internet facilities for staff and students - NO
- aa) Total number of class rooms - 3 ROOMS
- bb) Class rooms with ICT facility - ONE ROOM
- cc) Students' laboratories - NO
- dd) Research laboratories - NO

28. Number of students of the department getting financial assistance from College. 57
STUDENTS

29. Was any need assessment exercise undertaken before the development of new program(s)? If so, give the methodology.

NO

30. Does the department obtain feedback from

m. faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize it?

YES. And the suggestions implemented in the BOS meetings.

n. students on staff, curriculum as well as teaching-learning-evaluation and what is the response of the department to the same? Students are most satisfied with the teaching methods adopted by the staff members.

o. alumni and employers on the programmes and what is the response of the department to the same? NA

31. List the distinguished alumni of the department (maximum 10) NA

32. Give details of student enrichment programmes (special lectures / workshops / seminar) with external experts.

1. UGC SPONSORED PROGRAMME

1.DR.V.SAMPATH KUMAR, FORMER HEAD, MANONMANIAM
SUNDARANAR UNIVERSITY

2.DR.P.VENKATESAN

SCIENTIST "E", ICMR

3.DR.G.GOPAL , FORMER, HEAD, UNIVERSITY OF MADRAS

33. List the teaching methods adopted by the faculty for different programmes.

1. Chalk and Talk
2. LCD with Projector
3. Assignments and Seminars (by students)
4. Computer and LAPTOP
5. Group Discussions
6. Educational Field Trip
7. Displaying models and charts

34. How does the department ensure that programme objectives are constantly met and learning outcomes monitored?

By conducting periodical tests and seminars.

35. Highlight the participation of students and faculty in extension activities.

NIL

36. Give details of “beyond syllabus scholarly activities” of the department. NIL

37. State whether the programme/ department is accredited/ graded by other agencies. Give details. NIL

38. Detail any five Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department

Strength :

1. Infrastructure : Sufficient Infrastructure is available in the department. The classrooms are fully furnished with furnitures, fans, LCD projectors, computers and Library (300 books) available for educational process.
2. Staff : The department has highly experienced dedicated and qualified teachers.

Weakness :

1. Students lack in communication as majority of the students are in first generation learner group.
2. Lack of staff members in the department
3. Delay in Building construction for class rooms.

Opportunities :

1.Fund :

The Institution has allocated the UGC fund/ Autonomous fund to all the departments equally treated well to meet the educational aspirations of the welfare of the students communities. By applying minor/major projects from UGC/TANSCHHE the department can generate funds.

2.More Buildings :

There is scope for construction of more building as vast area is available with the institution for developmental activity.

3.Syllabus Modification.

As our Institution is Autonomous, we have the freedom to frame the syllabus with the Board of studies approval, the University Nominee and the subject expert.

CHALLENGES :

Its very much challenging to train the first generation learners.

39. Future plans of the department.

- To establish our department to greater heights by generating funds with the help of external funding agencies.
- To set up a well equipped lab for our students with statistical packages
- To start PG programme
- To conduct a socio economic survey as a part of a project for our students.
- To develop our department by getting major and minor UGC projects.
- Train our students to get various projects sponsored by TANSICHE.

Evaluative Report of the Department - TAMIL

1. Name of the Department & its year of establishment : TAMIL 1973
2. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.) : PART I – (GENERAL) TAMIL
3. Interdisciplinary courses and departments involved
4. Annual/ semester/choice based credit system
5. Participation of the department in the courses offered by other departments
6. Number of teaching posts sanctioned and filled (Professors/ Associate Professors/ Asst. Professors)

	Sanctioned	Filled
Professors		
Associate Professors	2	2
Asst. Professors	1	1

7. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. / Ph.D. / M. Phil. etc.,)

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. Students guided for the last 4 years
1)R.MYTHILI	M.A.,M.PHIL., B.ed	ASSOCIATE PROFESSOR	THIRUKKURAL(M.PHIL)	29	
2)P.SRINIVASAN	M.A.,M.PHIL., PURSUING PH.D	ASSOCIATE PROFEESOR	PUDHUKAVIDHAI(P.HD)	17	
3)A.MOHAN	M.A.,M.PHIL., PURSUING PH.D	ASSISTANT PROFESSOR	THOLKAAPPIYAM(P.HD)	7	

8. Percentage of classes taken by temporary faculty – programme-wise information
9. Programme-wise Student Teacher Ratio
10. Number of academic support staff (technical) and administrative staff: sanctioned

and filled

11. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Mention names of funding agencies and grants received project-wise.

12. Departmental projects funded by DST-FIST; DBT, ICSSR, etc.; total grants received

13. Research facility / centre with

- state recognition
- national recognition
- international recognition

14. Publications:

- * number of papers published in peer reviewed journals (national / international)
- * Monographs
- * Chapter(s) in Books
- * Editing Books
- * Books with ISBN numbers with details of publishers
- * number listed in International Database (For *e.g.* Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)
- * Citation Index – range / average
- * SNIP
- * SJR
- * Impact factor – range / average
- * h-index

15. Details of patents and income generated

16. Areas of consultancy and income generated

17. Faculty recharging strategies

18. Student projects

- percentage of students who have done in-house projects including inter-departmental
- percentage of students doing projects in collaboration with industries / institutes

19. Awards / recognitions received at the national and international level by

- Faculty
- Doctoral / post doctoral fellows

- Students
20. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.
21. Student profile course-wise:

Name of the Course (refer question no. 2)	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female

22. Diversity of Students

Name of the Course (refer question no. 2)	% of students from the college	% of students from the state	% of students from other States	% of students from other countries

23. How many students have cleared Civil Services, Defense Services, NET, SLET, GATE and any other competitive examinations?

24. Student progression

Student progression	Percentage against enrolled
UG to PG	
PG to M.Phil.	
PG to Ph.D.	
Ph.D. to Post-Doctoral	
Employed • Campus selection • Other than campus recruitment	
Entrepreneurs	

25. Diversity of staff

Percentage of faculty who are graduates	
of the same parent university	
from other universities within the State	
from other universities from other States	

26. Number of faculty who were awarded Ph.D., D.Sc. and D.Litt. during the assessment period.

27. Present details about infrastructural facilities

- ee) Library
- ff) Internet facilities for staff and students
- gg) Total number of class rooms
- hh) Class rooms with ICT facility
- ii) Students' laboratories
- jj) Research laboratories

28. Number of students of the department getting financial assistance from College.

29. Was any need assessment exercise undertaken before the development of new program(s)? If so, give the methodology.

30. Does the department obtain feedback from
 - a. faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize it?
 - b. students on staff, curriculum as well as teaching-learning-evaluation and what is the response of the department to the same?
 - c. alumni and employers on the programmes and what is the response of the department to the same?
31. List the distinguished alumni of the department (maximum 10)
32. Give details of student enrichment programmes (special lectures / workshops / seminar) with external experts.
33. List the teaching methods adopted by the faculty for different programmes.
34. How does the department ensure that programme objectives are constantly met and learning outcomes monitored?
35. Highlight the participation of students and faculty in extension activities.
36. Give details of “beyond syllabus scholarly activities” of the department.
37. State whether the programme/ department is accredited/ graded by other agencies. Give details.
38. Detail any five Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department
39. Future plans of the department.
Plan to Introduce the Major course BA (Tamil)

Evaluative Report of the Departments - VISUAL COMMUNICATION

1. Name of the Department & its year of establishment –Visual Communication, 2013
2. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.) - UG
3. Interdisciplinary courses and departments involved - Nil
4. Annual/ semester/choice based credit system -Semester
5. Participation of the department in the courses offered by other departments -Nil
6. Number of teaching posts sanctioned and filled (Professors/ Associate Professors/ Asst. Professors)

	Sanctioned	Filled
Professors		
Associate Professors		
Asst. Professors	4	2

7. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.,)

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. Students guided for the last 4 years
M.Devendran	M.A., M.Phil	Asst Professor	Film studies,Photography	16	-----
M.Raju	M.A., M.Phil	Asst Professor	Film studies,Photography	16	

8. Percentage of classes taken by temporary faculty – programme-wise information
9. Programme-wise Student Teacher Ratio 76: 3
10. Number of academic support staff (technical) and administrative staff: sanctioned and filled - Nil
11. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Mention names of funding agencies and grants received project-wise. Nil
12. Departmental projects funded by DST-FIST; DBT, ICSSR, etc.; total grants received Nil
13. Research facility / centre with
 - state recognition
 - national recognition
 - international recognition
14. Publications:
 - * number of papers published in peer reviewed journals (national / international)
 - * Monographs
 - * Chapter(s) in Books
 - * Editing Books
 - * Books with ISBN numbers with details of publishers
 - * number listed in International Database (For *e.g.* Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)
 - * Citation Index – range / average
 - * SNIP
 - * SJR
 - * Impact factor – range / average
 - * h-index
15. Details of patents and income generated
16. Areas of consultancy and income generated
17. Faculty recharging strategies

18. Student projects

- percentage of students who have done in-house projects including inter-departmental
- percentage of students doing projects in collaboration with industries / institutes

19. Awards / recognitions received at the national and international level by

- Faculty
- Doctoral / post doctoral fellows
- Students

20. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any. 1.Art Exhibition

21. Student profile course-wise:

Name of the Course (refer question no. 2)	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female

22. Diversity of Students

Name of the Course (refer question no. 2)	% of students from the college	% of students from the state	% of students from other States	% of students from other countries
Visual Communication		100%		

23. How many students have cleared Civil Services, Defense Services, NET, SLET, GATE and any other competitive examinations?

24. Student progression

Student progression	Percentage against enrolled
UG to PG	
PG to M.Phil.	
PG to Ph.D.	
Ph.D. to Post-Doctoral	
Employed • Campus selection • Other than campus recruitment	
Entrepreneurs	

25. Diversity of staff

Percentage of faculty who are graduates	
of the same parent university - 2	
from other universities within the State	
from other universities from other States	

26. Number of faculty who were awarded Ph.D., D.Sc. and D.Litt. during the assessment period. Nil

27. Present details about infrastructural facilities

- kk) Library -College library
- ll) Internet facilities for staff and students
- mm) Total number of class rooms
- nn) Class rooms with ICT facility-1
- oo) Students' laboratories
- pp) Research laboratories

28. Number of students of the department getting financial assistance from College.
Scholarships: State scholarships

29. Was any need assessment exercise undertaken before the development of new program(s)? If so, give the methodology.

30. Does the department obtain feedback from

- p. faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize it? Teaching Performance
- q. students on staff, curriculum as well as teaching-learning-evaluation and what is the response of the department to the same? Satisfactory
- r. alumni and employers on the programmes and what is the response of the department to the same?

31. List the distinguished alumni of the department (maximum 10)

32. Give details of student enrichment programmes (special lectures / workshops / seminar) with external experts.

Special lectures- Film studies, Acting, Photography

33. List the teaching methods adopted by the faculty for different programmes.

Drawing: Environment exposure

History of Indian Art: Study trip

Film studies: Screening (Using audio Visual)

Photography: Outdoor shooting

34. How does the department ensure that programme objectives are constantly met and learning outcomes monitored? Frequent -monthly test

35. Highlight the participation of students and faculty in extension activities.

Participated in Short film festival, Cultural Programmes

36. Give details of “beyond syllabus scholarly activities” of the department.

37. State whether the programme/ department is accredited/ graded by other agencies. Give details.

38. Detail any five Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department :

Strength: Infrastructure, Faculties

Weakness: Class Rooms not sufficient

39. Future plans of the department.

Evaluation Report of the Department – ADVANCED ZOOLOGY & BIO TECHNOLOGY

1. Name of the Department and its year of establishment – Department of Zoology-1979

Under- Graduate Programme in Zoology – 1979 (From 2007 Nomenclature changes as Advanced Zoology and Biotechnology)

Introduction of Post -Graduate Programme in Zoology- 2011

Introduction of M.Phil Programme in Zoology- 2013

2. Names of Programmes / Courses offered

Under Graduate Programme - Zoology

Post Graduate Programme - Zoology

M.Phil Programme -Zoology- Full Time / Part Time

Ph.D Programme – Zoology - Full Time / Part Time- (Awaiting for University affiliation)

3. Interdisciplinary courses and departments involved

a.**Allied Zoology course** for Botany students-Department of Plant Biology and Plant Biotechnology

b.**Allied Zoology course for Chemistry students** -Department of Chemistry

c.**Vermiculture and Public Health and Hygiene**-offered by Zoology Department as Non Major elective courses to other departments.

4. Annual/ semester/choice based credit system

Semester with Choice Based Credit System-UG and PG

Semester-M.Phil

5. Participation of the department in the courses offered by other departments

Soft skill programme offered by English and Computer Science department (Both for UG and PG)

- Communication skills, Personality Development and Spoken English

- Computer skills

a.Department of Plant Biology and Plant Biotechnology- **Allied Botany and Applied Botany as Non Major elective Course for Zoology students**

b.Department of Chemistry- **Allied Chemistry for Zoology students**

6. Number of teaching posts sanctioned and filled (Professors/Associate Professors/Asst. Professors)

Number of Posts Sanctioned -10

	Sanctioned	Filled
Professor	-	-
Associate Professors	-	1
Assistant. Professors		9

7. Faculty profile with name, qualification, designation, specialisation (D.Sc./D.Litt./Ph.D./M.Phil., etc.)

Name	Qualification	Designation	Specialization	No. of Years of Experience		No. of Ph.D. students guided in the last 4 years
				UG	PG	
Dr.V.Prabakaran	M.Sc., M.Phil., Ph.D.,	Associate Professor & Head	Parasitology	32	3	-
Dr.T.Kumaran	M.Sc., M.Phil., Ph.D.,	Assistant Professor	Crustacean Endocrinology & Reproduction	26	13	-
Mr.K.Kannan	M.Sc., M.Phil., B.Ed	Assistant Professor	Entomology	9	3	-
Mrs.I.Malaichelvi	M.Sc., M.Phil.,	Assistant Professor	Sericulture	14	10	-
Mrs.M.Sasikala	M.Sc., M.Phil.,	Assistant Professor	Toxicology	15	4	-
Mrs.T.Mathuram	M.Sc., M.Phil.,	Assistant Professor	Ecology & Microbiology	10	4	-
Dr.K.Samyappan	M.Sc., M.Phil., Ph.D., B.Ed.	Assistant Professor	Reproductive Biology & Toxicology	20	10	-
Dr.Gladis Helen Hepsiba	MSc., M.Phil., B.Ed., PGDBI., Ph.D	Assistant Professor	Crustacean Endocrinology & Reproduction	12	5	-
Dr.R.Saravanan	M.Sc., M.Phil., Ph.D., B.Ed, DNHE, PGDBI	Assistant Professor	Reproductive Biology & Toxicology	18	5	-
Dr.N.Thirunavukkarasu	M.Sc., M.Phil., Ph.D.,	Assistant Professor	Fisheries Science & Aquaculture	12	8	-

8. Percentage of classes taken by temporary faculty – programme-wise information
No temporary faculty intake in the Department - Nil

9. Programme-wise Student Teacher Ratio
UG-Zoology - **146:10**
PG-Zoology - **33:10**
M.Phil – **7:10**

10. Number of academic support staff (technical) and administrative staff:
 Sanctioned- 2
 Filled -2
11. Number of faculty with ongoing projects from
 - a) National- Three
 - b) International funding agencies - Nil
 - c) Total grants received. Mention names of funding agencies and grants received project-wise.
 1. UGC MINOR PROJECT - 1,75,000 (Completed)- November 2015
 2. UGC MINOR PROJECT- 5,00,000 (On going)–Sanctioned November 2014
 3. UGC MINOR PROJECT- 4,95,000 (On going)- Sanctioned November 2014
12. Departmental projects funded by DST-FIST; DBT, ICSSR, etc. total grants received – Nil
13. Research facility / centre with
 - ☐ state recognition –NA
 - ☐ national recognition –NA
 - ☐ international recognition-NA
14. Publications:REFER **Annexure I**
15. Details of patents and income generated – Nil
16. Areas of consultancy and income generated – Nil
17. Faculty recharging strategies –Career advancement-Attending Oreintation and Refresher courses periodically
18. Student projects
 - ☐ Percentage of students who have done in-house projects including inter-departmental

22- POST GRADUATE STUDENTS – M.Sc project- 100%

02- UNDERGRADUATE STUDENTS – 2%

 - ☐ Percentage of students doing projects in collaboration with industries / institutes-Nil
19. Awards / recognitions received at the national and international level by –NA
 - ☐ Faculty
 - ☐ Doctoral / post doctoral fellows
 - ☐ Students
20. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any. – Nil
21. Student profile course-wise:

Name of the course	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
UG 2007-2008	Single Window System	28	20	-	-
2008-2009	“	23	22	79	100
2009-2010	“	33	11	72	71
2010-2011	“	20	28	81	89
2011-2012	“	24	24	100	88
2012-2013	“	26	22	-	-
2013-2014	“	27	23	-	-
2014-2015	“			-	-
PG 2011-2012	15	08	04	100	75
2012-2013	19	11	04	86	25
2013-2014	26	14	04	-	-
2014-2015	15	06	04	-	-
M.Phil 2013-2014	11	07	-	-	-
2014-15	10	05	03	-	-

22. Diversity of students

Name of the Course (refer question no. 2) ZOOLOGY	% of students from the College	% of students from the State	% of students from other States	% of students from other countries
PG Joined from UG 2007-2010	33	100	-	-
2008-2011	20	100	-	-
2009-2012	15.9	100	-	-
2010-2013	14.5	100	-	-
2011-2014	18.7	100	-	-

23. How many students have cleared Civil Services, Defence Services, NET, SLET, GATE and any other competitive examinations?

Nil

24. Student progression

Student Progression	Percentage against enrolled
UG to PG: 2007-2008	33
2008-2009	20
2009-2010	16
2010-2011	15
PG to M.Phil: 2007-2008	2.5
PG to PhD: 2007-2008	2.5
Ph.D. to Post-Doctoral	-
Employed Campus selection Other than campus recruitment (2007-2008)	12
2008-2009	10
2009-2010	10
2010-2011	15
Entrepreneurs	01

25. Diversity of staff

Percentage of faculty who are graduates	
Of the same parent university	30%
From other universities within the State	70%
From other universities from other States	-

26. Number of faculty who were awarded Ph.D., D.Sc. and D.Litt. during the assessment period.

Ph.D AWARDED – SIX FACULTY MEMBERS

27. Present details about infrastructural facilities

- a) Library –Departmental library-
Equipped with Indian / Foreign Books / Journals- Funding from UGC grant, UGC (Autonomous grant) and State government grants.
- b) Internet facilities for staff and students –Facility at present available for faculty in the department
- c) Total number of class rooms -5
- d) Class rooms with ICT facility- one classroom with LCD projector
- e) Students' laboratories – 2 (one UG laboratory and one PG laboratory)
- f) Research laboratories -1

28. Number of students of the department getting financial assistance from College.

Scholarships and Financial assistance for benefit of students

State government scholarships for Backward and Most backward communities (BC/MBC), SC/ST scholarships, Women students scholarship, Farmer's Benefit scheme scholarship and Under graduate Regional Language scholarships

Total number of **students in UG-1st Year** – 45, **2nd Year** – 42, **3rd year** - 42

Total number of **students in PG-1st year** – 16 and **2nd year**- 11

29. Was any need assessment exercise undertaken before the development of new program(s)?
If so, give the methodology.

For more than three decades from inception of this institute/department in the location viz namely North Madras, is predominantly inhabited by improvised people, students had to emigrate from North Madras towards Southern Region in order to pursue their higher education (Post Graduation and Research). Hence, to pave the way for easy accessibility of higher studies in the downtrodden area itself, we assessed to upgrade/elevate the existing department to bring new programs such as M.Sc., M.Phil., and Ph.D for the benefit of the students.

30. Does the department obtain feedback from

Students on staff, curriculum as well as teaching-learning-evaluation and what is the response of the department to the same?

Feedback is obtained from the students. Students rate the faculty on a 4 point scale based on various parameters/attributes.-Feedback form enclosed

Any parameter/attributes given below the point scale will considered for better improvement/student need during the follow up academic year.

31. List the distinguished alumni of the department – Nil

32. Give details of student enrichment programmes (special lectures / workshops / seminar) with external experts.

Enrichment Programme

- Special Practical Classes-Laboratory demonstrations through lab visits - Hands on training sessions given by external experts

-Intercollegiate competition –Bicentenary celebration of Darwin –Darwin 200-February 2nd 2010

-Interdepartmental Competition- Science Day Celebration by Indian Science Forum-February 2nd 2011

-Endowment Lecture - By Dr K.Ramalingam, Professor and Head (Retd) PG and

Research Dept of Zoology and Aquaculture , Government Arts College (Men) Nandanam delivered a lecture on - Job prospects and research opportunities for students of Life Sciences- August 2013

One day Seminar on THE PRESENT SCENARIO IN APPLIED ZOOLOGY-10-10-2014- Resource persons -Dr K.Mohan Kumar Assistant Professor in Zoology Chikkana Government Arts College,Tirpur

Dr V. Sundarraaj- Retd Dean –Fisheries college and Research Institute, Thoothukudi

33. List the teaching methods adopted by the faculty for different programmes.

-Teaching methods adopted by faculty for UG and PG programmes

Student Centric Teaching-Learning process

OHP Presentation

Power point Presentations through LCD

Virtual Teaching- CD demonstrations

Lecturer Method

Audio-Visual Teaching Mode

Field Trip / studies and lab visits

a. Outside classroom learning for students of **First year undergraduate programme** as part of ANIMAL BIODIVERSITY curriculum (Field trip to Snake Park, Zoological sanctuary, Bird sanctuary and Crocodile Bank)

b. Campus fauna studies report –Observation and Identification of prevailing fauna- as part of Environmental studies for **second year UG students**.

c. Field trip for **Final year UG students** as part of Environmental Biology, Entomology and Aquaculture curriculum (Central Research Institutes, Natural ecosystems - Zoological sanctuaries, Coastal Zones, Biosphere reserves and National Parks)- Collection of specimens, Identification and preservation – To study their habit, habitat and adaptations - Preparation of Field Report

d. Biotechnology lab visit for **first year PG students** to get acquainted with Hitech instruments / equipments and their working mechanism

e. Visit to fish landing centres in Chennai for **first year PG students** as a part of Fishery Biology curriculum to study the Fishery resources and marketing strategies.

34. How does the department ensure that programme objectives are constantly met and learning outcomes monitored?

Periodical assignments- Theory and Practicals

Internal Assessment Tests

Seminar Presentations -Usage of laptops –Mandatory- for assignment submission and

presentations of seminars (for PG students)

Model examinations

Remedial Classes:

- Special attention to weak /below average students -Extra classes for revision.
- Providing study materials on selected topics

35. Highlight the participation of students and faculty in extension activities.

- Under graduate students take part in regular NSS activities of the college

36. Give details of “beyond syllabus scholarly activities” of the department.

. -Internship training programme for **2nd year PG students** for 15 days as part of curriculum after IIIrd semester

-Compulsory Short duration project work during the **III and IV semester for 2nd year PG students**-Dissertation to be submitted and viva voce to be taken up at the end of IV semester.

37. State whether the programme/ department is accredited/ graded by other agencies. Give details. -NA

38. Detail any five Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department

Strength:

- Qualified teaching faculty
- Well equipped laboratory and departmental library facilities
- 75 % success rate

Weakness:

- Shortage of academic support staff/Technical staff for PG and M.Phil laboratory
- Shortage of space for extension of laboratory for P.G. courses
- Shortage of teaching faculty

. Opportunities:

- Extension of research facilities -Establishment of animal house-Maintenance of animals as per ethical rules for research purpose
- Introduction of basic practicals for elective subjects for UG students
- Extension of internet facilities for PG and M Phil students

Challenges:

- Trying to run all the courses within limited area-Available faculty
- modify the syllabus more interdisciplinary so that the students cope with the challenges in higher studies/relevance to competitive examinations regarding the subject.

39. Future plans of the department.

*To become a full fledged research department-and to start of with different areas of research in diversified fields of Zoology with a move to faculty and research scholars motivate towards full time research activities.

- *To apply for more students projects through funding agencies for the benefit of Post graduate students to pursue research and to inculcate research interest among them.
- *To start vocational training certificate add on - course for the benefit of undergraduate students along with their regular curriculum to enrich their knowledge on small scale entrepreneurship development
- *To start minor projects for undergraduate final year students through literature based reviews and questionnaire methods on topics related to current issues in biology which would be an eye opener for their future vision on higher studies
- *Focus on industrial research and other collaborative program
- * To organize a National/ Regional level conference/ Workshop/symposium
- *To motivate the students/ staff to pursue research in their respective field.
- *To motivate and orient the faculty to obtain grants for the purpose of training / orientation/research from various funding agencies like UGC, DST,etc.,
- *To organize the industrial visit to students and staff.
- *To organize Faculty development program (FDP) for teaching faculty
- *To organize placement training program (PTP) for final year students of UG and PG Zoology
- * Conduct of seminar / journal club periodically for getting the students/staff to know the latest development in the concerned subjects.
- *Staff with Ph.D degree to be encouraged to apply for guideship and projects in order to promote research
- * Encourage/Involvement of the staff to publish and present research papers.

Evaluative Report of the Department - DEPARTMENT OF ENGLISH

1. Name of the Department & its year of establishment
DEPARTMENT OF ENGLISH, 1979
2. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.)
B.A. ENGLISH
M.A. ENGLISH
M.Phil ENGLISH (Part Time and Full Time)
3. Interdisciplinary courses and departments involved
4. Annual/ semester/ choice based credit system
Semester
Choice Based Credit System
5. Participation of the department in the courses offered by other departments
Nil
6. Number of teaching posts sanctioned and filled (Professors/ Associate Professors/ Asst. Professors)

	Sanctioned	Filled
Associate Professors/ Assistant Professors	10	10

7. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.)

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D students guided for the last 4 years
Dr.M. Ravichandran	M A, M Phil, B Ed, BL, P.hD	Associate Professor	Marxist Critical Theory	32	10
K.Sooryanarayanan	M.A., M.Phil, PGCTE, (Pursuing PhD)	Associate Professor	Applied Linguistics : Stylistics, ELT, Phonology Journalism	29	-
R.Srividya	MA.MPHIL PHD	Assistant Professor	ELT	14	01
J. Jeeva	M.A., M.Phil	Assistant Professor	Indian Literature	15	-
B.Ananthalakshmi	M.A.,M.Phil.	Assistant Professor	ELT	14	-
S.Alexander	M.A., M.Phil, B.G.L.	Assistant Professor	Comparative Literature	09	-
A.Sudha	M.A., M.Phil., Ph.D	Assistant Professor	American Literature	14	-
A.Savitha Bhuvaneswari	M.A., M.Phil	Assistant Professor	English (European Literature)	13	-
C. Arumugathai	M.A (Pursuing P.hD)	Assistant Professor	Literary Theory and Linguistics	04	-
N. SrilakshmiPriya	M.A., M.Phil., SET	Assistant Professor	Australian Studies British Literature	06	-

8. Percentage of classes taken by temporary faculty – programme-wise information

9. Programme-wise Student Teacher Ratio

Programme	Student Teacher Ratio
B.A. English	21:1
M.A. English	4:1
M.Phil English	2:1

10. Number of academic support staff (technical) and administrative staff: sanctioned and filled
NIL

11. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Mention names of funding agencies and grants received project-wise.
NIL

12. Departmental projects funded by DST-FIST; DBT, ICSSR, etc.; total grants received
NIL

13. Research facility / centre with

- state recognition
- national recognition
- international recognition

14. Publications:

* number of papers published in peer reviewed journals (national / international)

Name of the staff	No. of Papers published	
	National	International
Dr.M. Ravichandran	12	-
K. Sooriya Narayanan	-	-
R.Srividya	-	04
J. Jeeva	-	-
B.Ananthalakshmi	5	3
S. Alexander	-	-
A. Sudha	-	-
A.SavithaBhuvaneswari	-	-
Arumugathai. C	-	-
Sri Lakshmi Priya.N	-	-

- * Monographs NIL
 - * Chapter(s) in Books NIL
 - * Editing Books NIL
 - * Books with ISBN numbers with details of publishers: 5
 - * number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)
 - * Citation Index – range / average
 - * SNIP NIL
 - * SJR NIL
 - * Impact factor – range / average
 - * h-index
15. Details of patents and income generated NIL
16. Areas of consultancy and income generated NIL
17. Faculty recharging strategies

In pursuance of enriching their knowledge, the department staff have attended Refresher courses and Workshops at regular intervals.

The staff members are also encouraged to participate and present papers at National and International seminars/Conferences.

18. Student projects
- o percentage of students who have done in-house projects including inter-departmental
 - o percentage of students doing projects in collaboration with industries / institutes

100%

In the third semester of M.A., the students undergo an internship for fifteen days with various organizations. This provides them with a good exposure to the outside world and helps them become employable.

The students are encouraged to take up research and submit dissertation in the fourth semester. This further helps them for their higher studies

19. Awards / recognitions received at the national and international level by
- o Faculty

Mrs.B.Ananthalakshmi : Cash award from Thiruvavaduthurai Aathinam for a book published.

- Doctoral / post doctoral fellows
 - Students :Students have been actively taking part in various intercollege competitions.
20. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.

The department of English in association with Naatrangal has organized talks to enlighten the students with concepts that are otherwise left unnoticed.

2010- 2011

A talk on “Introducing the English Dailies” was conducted on 20th August 2010. A very extraordinary and interesting talk on “Learn English Through Music” was organized on 29th August 2010.

2012-2013

UGC- sponsored workshop on “Fun with English” was organized by the Department of English on 03.03.2013. A scholar of splendid merit, Prof. Thirumavalavan delivered an expert talk on how to make English learning highly desirable and less anxious.

2013-2014

Expert Talk on ‘Life Communication skills and Beyond’ was delivered by Dr.Ramani, Retd.Professor of English, Gurunanak college on 14.03.14

2014- 2015

The English Literary Association organized a Bilingual Celebration of the Riders to the Sea in honour of Joe D’Cruz (SahithyaAkademyAward Winner) on 28th January 2015.

The Department of English also hosted a Book Release Function on 24th March 2015. The first copy of Chaucer’s *Canterbury Kadhaigal*, an evocative translation in Tamil Verse by Dr.S.S.Kumar was received by Dr. R. Thandavan, Hon’ble Vice Chancellor of Madras University.

21. Student profile course-wise: 2014-2015

Name of the	Applications	Selected		Pass percentage	
		Male	Female		
B. A. English	166	37	23		
M.A. English	49	12	08		
M.Phil. English	19	04	02		

22. Diversity of Students 2014-2015

Name of the Course (refer question no. 2)	% of students from the college	% of students from the state	% of students from other States	% of students from other countries
B.A. English	-	98.5%	1.5%	-
M.A. English	40%	100%	-	-
M.Phil. English	50%	100%	-	-

23. How many students have cleared Civil Services, Defense Services, NET, SLET, GATE and any other competitive examinations? nil

24. Student progression

Student progression	Percentage against enrolled				
	2011	2012	2013	2014	
UG to PG	3%	2%	3%	10%	

PG to M.Phil.	–	–	–	3%	
PG to Ph.D.					
Ph.D. to Post-Doctoral					

25. Diversity of staff

Percentage of faculty who are graduates

of the same parent university - 90%

from other universities within the State -NIL

from other universities from other States - 10%

26. Number of faculty who were awarded Ph.D., D.Sc. and D.Litt. during the assessment period.

NIL

27. Present details about infrastructural facilities

a) Library

The Department has a well-stacked Library catering to the academic needs of the students. Books purchased under State fund and UGC Grants, amount to 2437. The department has subscribed to Sahitya Akademi's Bi-Monthly Journal –Indian Literature and The Journal of English Language Teaching being published by ELTAI. The students are encouraged to access the library as often as they can.

b) Internet facilities for staff and students

MTS Data card is provided by IQAC of the college for use of both students and staff.

c) Total number of class rooms

Six

d) Class rooms with ICT facility

One

e) Students' laboratories

A small Language Lab with 10 systems, attached to the Department is functioning well with the students getting trained in listening, speaking

and reading skills. .

f) Research laboratories -nil

28. Number of students of the department getting financial assistance from College.

STUDENTS RECEIVING FINANCIAL ASSISTANCE FROM STATE GOVERNMENT,CENTRAL GOVERNMENTAND OTHER NATIONAL AGENCIES

Academic year	No. of students received scholarship	Percentage of students received scholarship
2010	62	89%
2011	60	90%
2012	58	87%
2013	51	83%
2014	68	97%

29. Was any need assessment exercise undertaken before the development of new program(s)? If so, give the methodology. NA

30. Does the department obtain feedback from

- faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize it?
- students on staff, curriculum as well as teaching-learning-evaluation and what is the response of the department to the same?

Along with IQAC, the department collects feedback of the students through tutorial system. Feedback is also collected in an informal way to elicit opinion on the curriculum enrichment and student welfare.

- alumni and employers on the programmes and what is the response of the department to the same?

Feedback is obtained from the Alumni at the periodic Old Students' Association Meet held in the college.

All these feedbacks are given due importance for curriculum enrichment and they are made use of at the time of revision. The opinions are put forward in the departmental meetings. The department collects necessary recommendations and places it in the Board of Studies for discussion and approval. The suggestions are taken into consideration and implemented.

31. List the distinguished alumni of the department (maximum 10)

1. **Shri.V.Nandakumar I.R.S, Additional Commissioner, Income Tax Dept.**
2. **Prof. S. Balasubramaniam, Assistant Professor DRBCC Hindu College, Chennai**
3. **Dr. P. Beena, Assistant Professor, SDNB Vaishnav, Chrompet, Chennai**
4. **Prof. Premakumari Assistant Professor, Bharathi Womens College**
5. **Dr. Jayachandran, Assistant Professor, Anna University**

32. Give details of student enrichment programmes (special lectures / workshops / seminar) with external experts.

2012-13	2013-14	2014-15
Expert Lecture on 'Fun with English' by Prof. Tirumavalavan, Retd. Principal, Dr.AmbedkarGovt.Arts college.	Expert Talk on 'Life Communication skills and Beyond' by Dr.Ramani, Retd.Professor of English, Gurunanak college on 14.03.14.	Special Address by Shri Joe D' Cruz, Sahitya Academy winner in a bilingual celebration of "The Riders to the Sea" on 28.01.15

33. List the teaching methods adopted by the faculty for different programmes.

- The department of English believes in a two-way method of teaching. The students are encouraged to ask questions and thereby leading to interactive sessions. The teachers also encourage the less outspoken students to interact with fellow peer group.
- The department not only offers the conventional chalk and board method of teaching, but also uses ICT enabled tools, thereby keeping abreast with the ever evolving technology.
- Students are given topics for seminar presentation in the classroom. Depending upon the topics and the individual staff-in-charge, the presentations are either done by individual students or in groups. Group presentations in the form of drama, poster or PowerPoint are often encouraged.

- The department has a well-equipped Language Lab along with a smartboard. Teaching using Powerpoint presentations and screening of text based movies is a regular feature.
- The department takes great pride in being the first ever department to own an E-book Reader for the students.

34. How does the department ensure that programme objectives are constantly met and learning outcomes monitored?

- Department level meetings are held at regular intervals to generate ideas and discuss academic issues pertaining to review of work done and the need to strategize on classroom teaching. The minutes of the meeting are recorded filed for further reference.
- A mid semester academic audit is also conducted to ensure the completion of the syllabus on time.

35. Highlight the participation of students and faculty in extension activities.

- The Department staff involve themselves in various extension activities both academic and non-academic. Dr.M.Ravichandran, the wind beneath the wings of the English department always takes a living loving interest in the welfare of the students. His commitments and contribution for raising the standard of English and life of the students of the economically and socially backward students is remarkable. Under his guidance and leadership 1000 copies of a grammar booklet, especially prepared for first generation learners were distributed in Govt. Schools and NGOs run schools for the disadvantaged in Vyasarpadi (Year 2012)
- Dr. A. Sudha has been running Knowledge Board every single day.
- Slet /Net coaching classes were conducted for the PG students with the aid of UGC grant. Remedial classes were conducted for UG students.
- Under the auspices of the English Literary Association various Intra-departmental competitions are organized to tap the innate potentials of the students. Various competitions like Essay writing, Oratorical and Poetry Recitation in Tamil are organised under the banner of **Naatrangaal**. Students from various departments actively take part in it and win prizes.
- For the last two years (2014 and 2015) Lt. Arumugathai has been training school students

from Suyam Charitable Trust for the prestigious Spell Bee Competition (International level)

36. Give details of “beyond syllabus scholarly activities” of the department.

- The department of English firmly believes in the wholesome development of the students and hence tries in all possible ways to mould them for the better by making it available for them the opportunities to showcase their talents

Sl. No.	Date	Name of the student	Name of the Conference/ Competition	Title of the Paper Presented	Remarks (if any)
1.	03/01/2014	HASEENA. I	Chennai Literary Festival Paper Presentation at University of Madras	“Women in Arundathi Roy’s <i>The God of Small Things</i> ”	II Position
2.	03/01/2014	SREE SHANKARI	Chennai Literary Festival Paper Presentation at University of Madras	“Strategies used by the teacher to teach dyslexic students”	-
3.	12/02/2015	K. SATHISH	Methods and Materials for Teaching English Language and Literature DRBCCC Hindu College, Pattabiram	A Postmodern Approach to <i>The Old Man and the Sea</i>	National Level Seminar (paper also published))
4.	12/02/2015	B. VASUMATHY	Methods and Materials for Teaching English Language and Literature DRBCCC Hindu College, Pattabiram	Fact and Fiction in AmitavGhosh’ <i>The Calcutta Chromosome</i>	National Level seminar (paper also published)

- Our PG & Research students have been actively participating in the various workshops being conducted by the prestigious Chennai Literary Festival.

Sl. No.	Date of the workshop	Name of the workshop	Host Institution	Number of students
1.	16/12/2013	Nature Writing	SS Govt. Arts College Tiruttani	3
2.	10/01/2014	Review Writing	Quiad-E-Millath College for Women Chennai	4
3.	11/01/2014	Tribal Literature	Ethiraj College for Women	4
4.	05/02/2014	Research Methodology for Social Sciences	Ethiraj College for Women	17
5.	9/01/2015	Social Media	Jaya College of Arts and Science	8
6.	09/01/2015	Translation	MGR	2

Details of paper presentation by M.Phil. Scholars

37. State whether the programme/ department is accredited/ graded by other agencies. Give details. NO
38. Detail any five Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department

Strength

- The ten teachers, on a regular footing, are a combination of experience and youth and maturity and dynamism
- The department empowers the students to face the challenges of life with courage and commitment. The members of the teaching fraternity strive to inculcate values of discipline and dedication in the students.
- Academic courses integrated with research provides opportunities to disseminate creative thinking
- The Foundation English, an essential part of the curriculum for all the Disciplines of Studies, aims broadly on Language learning, the purpose being both General and Social.

Apart from enabling them to be proficient in the four skills (LSRW) the curriculum thus helps develop career-focused language skills (Soft Skills).

- The department ensures democratic decision making and flexibility to introduce innovative methodologies to meet the demands of the current knowledge era. The use of Language Lab, Smart Classroom, Projector, internet facilities are a few such methodologies.

Weaknesses

- Poor placement of Students.
- Social Problems.
- Poor Economic Background of the Students.
- Lack of Family support to the Students.
- Lack of collaboration with other educational and research institutions.

Opportunities

- Research Department
- Funding for projects for both students and staff from Governmental organization.
- Employment Opportunities in Teaching and other Allied Departments.
- Participation in various national and International Conferences.

Challenges

- Enhancing the Quality of the First Generation Learners.
- More Students strength in the Class Rooms.
- Passiveness of Students.

39. Future plans of the department.

- Increasing Research opportunities.
- Training more number of students and motivating them into clearing UGC NET/SLET Exam.
- Motivating the faculty members to undertake Major/Minor Projects.
- Organising conferences and workshops.
- Publishing a peer-reviewed Journal.

Evaluative Report of the Department-PLANT BIOLOGY AND PLANT BIOTECHNOLOGY

1. Name of the Department & its year of establishment Department of Plant Biology and Plant Biotechnology. 2013 as a Major Department
2. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.) B. Sc Plant Biology and Plant Biotechnology
3. Interdisciplinary courses and departments involved -Allied Zoology
4. Annual/ semester/choice based credit system = Semester choice based credit system
5. Participation of the department in the courses offered by other departments
6. Number of teaching posts sanctioned and filled (Professors/Associate Professors/Asst. Professors)

	Sanctioned	Filled
Professors	---	
Associate Professors	-	-
Asst. Professors	5	2

7. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.,)

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. Students guided for the last 4 years
1.DR.G.SAMPATHKUMAR	M.Sc . B.Ed., M. Phil. Ph.D	Assistant Professor	Mycorrhizae	08	02
2.P.Balaji	M.Sc., Ph.D	Asst.Professor	Lichen	08	nil

8. Percentage of classes taken by temporary faculty – programme-wise information-25%
9. Programme-wise Student Teacher Ratio 40:1
10. Number of academic support staff (technical) and administrative staff: sanctioned and filled – One permanent staff
11. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Mention names of funding agencies and grants received project-wise. Nil
12. Departmental projects funded by DST-FIST; DBT, ICSSR, etc.; total grants received
13. Research facility / centre with - Nil
 - o state recognition
 - o national recognition
 - o international recognition
14. Publications:
 - * number of papers published in peer reviewed journals (national / international) 7 international 20 national
 - * Monographs
 - * Chapter(s) in Books
 - * Editing Books
 - * Books with ISBN numbers with details of publishers
 - * number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)
 - * Citation Index – range / average
 - * SNIP
 - * SJR
 - * Impact factor – range / average
 - * h-index
15. Details of patents and income generated Nil
16. Areas of consultancy and income generated Nil
17. Faculty recharging strategies
Attended various relevant workshops seminars conferences
18. Student projects

- percentage of students who have done in-house projects including inter-departmental - 100%
 - percentage of students doing projects in collaboration with industries / institutes - nil
19. Awards / recognitions received at the national and international level by
- Faculty – nil
 - Doctoral / post doctoral fellows
 - Students
20. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.
21. Student profile course-wise:

Name of the Course (refer question no. 2)	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
2013-2014		03	11		
2014-2015		18	22		

22. Diversity of Students

Name of the Course (refer question no. 2)	% of students from the college	% of students from the state	% of students from other States	% of students from other countries
B.Sc -PBPB				
2013-2014	14	14	-	-
2014-2015	40	40	-	-

23. How many students have cleared Civil Services, Defense Services, NET, SLET, GATE and any other competitive examinations?

NIL

24. Student progression

Student progression	Percentage against enrolled
UG to PG	
PG to M.Phil.	
PG to Ph.D.Ph.D. to Post-Doctoral	

Employed

- Campus selection
- Other than campus recruitment Entrepreneurs

25. Diversity of staff

Percentage of faculty who are graduates of

the same parent university - ONE

from other universities within the State- ONE

from other universities from other -NIL

26. Number of faculty who were awarded Ph.D., D.Sc. and D.Litt. during the assessment period. Nil

27. Present details about infrastructural facilities

- a) Library - yes
- b) Internet facilities for staff and students - No
- c) Total number of class rooms Department of - 3 classromms
- d) Class rooms with ICT facility - 1
- e) Students' laboratories - 2
- f) Research laboratories - nil

28. Number of students of the department getting financial assistance from College. -
for All the students get Scholarship.

29. Was any need assessment exercise undertaken before the development of new program(s)? If so, give the methodology. NA

30. Does the department obtain feedback from

s. faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize it?

Feedback obtained from board of studies members are consolidated and relevant changes are made in the syllabus

t. students on staff, curriculum as well as teaching-learning-evaluation and what is the response of the department to the same? - Yes

u. alumni and employers on the programmes and what is the response of the department to the same?

31. List the distinguished alumni of the department (maximum 10) - NA
32. Give details of student enrichment programmes (special lectures / workshops / seminar) with external experts.
nil
33. List the teaching methods adopted by the faculty for different programmes.
Lecture, demonstration, group discussion, field trips, visits to institutions, seminars assignments
34. How does the department ensure that programme objectives are constantly met and learning outcomes monitored?
The internal assessment tests are regularly conducted to evaluate students performance in the subjects learned .
35. Highlight the participation of students and faculty in extension activities.
DR.G.Sampathkumar, involved as PO in NSS activity for Five years .
36. Give details of “beyond syllabus scholarly activities” of the department.- Nil
37. State whether the programme/ department is accredited/ graded by other agencies.
Give details. Nil
38. Detail any five Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department
- Strength-** Breadth of approaches a used and system studied diversity of course.
Opportunity- there is a great demand for Plant biologist in field of Agriculture and crop improvement field. In tissue culture learning person help to tissue culture laboratory and field of Orchids. Bonsai and Mushroom cultivation are more job opportunity.
Weakness- English language is barrier as most students hail from tamil medium schools
Graduate students do not have a shared interest community/ peers outside labs.
Limited interaction with industry.
39. Future plans of the department.
- The department proposes to start a PG programme to encourage students to pursue higher education provided adequate infrastructure facilities are provided for the same.

ACTION TAKEN REPORT ON NAAC RECOMMENDATIONS

S.N O.	NAAC SUGGESTIONS FOR IMPROVEMENT GIVEN IN 2005	POST ACCREDITATION INITIATIVES & IMPLEMENTATION OF NAAC RECOMMENDATIONS
1	Limited research publications by staff - Increase research Output	The College teachers took NAAC suggestion with all seriousness. Post- accreditation, the teachers in all Departments amongst themselves, have published a total of 280 conference papers and 295 Journal papers. Our teachers have attended a total number of 324 Seminars/workshops. Today, there are 6 Research Departments offering Ph.D. and M.Phil. programmes on Part-time and Full time basis. Post accreditation, the college has hosted 6 Ph.D. Viva-voce Examinations in the Department of Mathematics and Commerce. A substantial number of M.Phil. Scholars had defended their dissertations in Viva-vice Examinations conducted by External Examiners. In a span of ten years, the number of teachers with Ph.D. has registered a quantum leap from a mere 6 persons to 42 now.
2	Obtain more Major & Minor projects	The teachers of this College have completed One Major project and Two minor Projects funded by the UGC so far. Currently 4 minor projects, again funded by the UGC are being carried out on this campus. Two Post graduate students of this College won Research projects offered by the Tamilnadu State Council for Higher Education and have completed them successfully.
3	Setup Research Development Committee	Since 2013-2014 Research affairs on this college have been monitored by a Research Committee, which comprises the Five Head of the Research Departments, in their Ex officio capacity. The present Coordinator of the Research Development Committee for 2015-2016 is the Head of the Department of Chemistry.

		The Committee meets periodically to review research motivation and progress in scholars, handles, matters with the parent University and jealously guards research standards by wading off possible efforts at Plagiarism.															
4	Establish an IQAC; employ new education technology gadgets in classroom situation	The IQAC was setup in 2006-2007. Since then it has been holding two meetings every year. One in the beginning of the academic year, to setup bench marks and the other at the end of the year, to make a dispassionate assessment of the goal reached.															
5	Go for Academic Expansion reflecting aspirations of the neighbourhood	In terms of academic expansion reflecting neighbourhood aspirations, this College took a giant leap forward. In the year of accreditation there were only five major departments, catering to a mere 650 students. But to-day this College has 19 Departments catering to a total of 2500 learners pursuing programmes from Undergraduate to Ph.D. The following table visualises our academic growth profile. <table><tr><th>S.N O.</th><th>New Academic & Research programmes initiated</th><th>Details of University affiliation</th></tr><tr><td>1</td><td>B.Com. M.Sc. Mathematics</td><td>AB/MGS/2005-06/3567 dated 19/08/2005</td></tr><tr><td>2</td><td>B.A. Economics M.A. English M.Com M.Sc. Zoology</td><td>A1/FFJ/New course/11-12/1446 dated 14/12/11</td></tr><tr><td>3</td><td>Vide G.O. No. 1470 dated 26/09/12 B.Sc. Physics B.Sc. Statistics M.Sc. Chemistry M.Sc. Comp Science</td><td>A1/FFJ/Aff/12-13/1229 dated 21/11/13</td></tr><tr><td>4</td><td>B.Sc. Plant Biology & Plant Biotechnology B.Sc. Visual Communication B.Sc. Nutrition & Food Services Management B.A. Defense &</td><td>A1/FFJ/Aff/13-14/301 dated 25/04/2014</td></tr></table>	S.N O.	New Academic & Research programmes initiated	Details of University affiliation	1	B.Com. M.Sc. Mathematics	AB/MGS/2005-06/3567 dated 19/08/2005	2	B.A. Economics M.A. English M.Com M.Sc. Zoology	A1/FFJ/New course/11-12/1446 dated 14/12/11	3	Vide G.O. No. 1470 dated 26/09/12 B.Sc. Physics B.Sc. Statistics M.Sc. Chemistry M.Sc. Comp Science	A1/FFJ/Aff/12-13/1229 dated 21/11/13	4	B.Sc. Plant Biology & Plant Biotechnology B.Sc. Visual Communication B.Sc. Nutrition & Food Services Management B.A. Defense &	A1/FFJ/Aff/13-14/301 dated 25/04/2014
S.N O.	New Academic & Research programmes initiated	Details of University affiliation															
1	B.Com. M.Sc. Mathematics	AB/MGS/2005-06/3567 dated 19/08/2005															
2	B.A. Economics M.A. English M.Com M.Sc. Zoology	A1/FFJ/New course/11-12/1446 dated 14/12/11															
3	Vide G.O. No. 1470 dated 26/09/12 B.Sc. Physics B.Sc. Statistics M.Sc. Chemistry M.Sc. Comp Science	A1/FFJ/Aff/12-13/1229 dated 21/11/13															
4	B.Sc. Plant Biology & Plant Biotechnology B.Sc. Visual Communication B.Sc. Nutrition & Food Services Management B.A. Defense &	A1/FFJ/Aff/13-14/301 dated 25/04/2014															

		Strategic Studies M.A. Economics M.Phil. Chemistry M.Phil. Comp. Science M.Phil. English M.Phil. Zoology M.Phil. Commerce Ph.D. Comp. Science Ph.D. Commerce			
		5	G.O. No. 221 dated 30.12.2014 B.Sc. Psychology M.S.W.	A1/FFJ/Aff/15-16/706 dated 10/08/2015	2015-2016
		Thus this College has increased its student intake four fold from 650 to 2500. This is the contribution of Dr. Ambedkar Govt. Arts College to state Gross Enrolment Ratio (GER) which is 10% more than the National average.			
6	Commence B.Com programme and build on Mass Communication and Journalism paper component into a degree programme	Suggestions of NAAC to commence Commerce Teaching doubly carried out. B.Com is offered in two shifts, and BBA is offered in Shift I; the two account of 210 admissions, made every year in the Undergraduate admissions. The B.Sc. Visual Communication programme, commenced in 2013-2014, meets NAAC observation in full.			
7	Physics and Botany may be raised to the level of main subjects	Departments of Botany and Physics are full-fledged Departments offering Undergraduate programmes. The physics Department has 11 strong and the Department of Botany has 6 sanctioned posts.			
8	Commence new PG programmes at least on Self financing basis.	Eight new Post graduate programmes are running on successfully now.			
9	Organise student seminars so that they acquire a critical sensibility.	Many student Seminars have been organised.			
10	Self appraisal by Faculty	Yes: Self-appraisal by Faculty members is collected by the IQAC in 2013-2014. In 2015-2016, the self appraisal was again furnished by the teachers.			
11	Conduct Coaching classes	Under the Merged Schemes of the UGC, and under			

	for Competitive Examinations	Tamil Nadu Government sponsorship , the College gave the following schemes for six years during the period of review: (i) Coaching classes for Entry into services (ii) Coaching classes for NET/SLET Examinations (iii) Remedial Coaching for SC/ST/OBC learners.
12	Computer Department to run short term programmes for teaching & non-teaching staff	a) The Department of the Computer Science has been successfully running a Computer literacy program from the year 2006. This is the direct off shoot of NAAC recommend action. The then principal order a neatly structured programme which makes optimum use of the existing resources. It is run by a designated Computer Science teacher, as an added responsibility. It is a programme meant exclusively for non-Computer Science UG Student, imparting to them Computer basics, office automation products such as MS-Word, Excel and Power Point. The course also taught handling of Internet and e-mail. Students so trained are given proficiency certificates by the Government of Tamil Nadu, which are recognized by the state employment exchanges as added skills in the job-seeker. As for teachers, most of the teachers on campus are already Computer proficient to varying degrees. Seven PG Departments were given first wired broadband connectivity. After a couple of years, the college changed over to dongle- enabled wireless facility and gather resources electronically, under techno – savvy supervisors. The department of the Computer Science advises the principle on seeking broadband connectivity most beneficial to users. The department of Computer Science ran a one month training programme for non-teaching staff of the college relating to MS-Office products.
13	Greater use of computer in College office and Library	The college has been making news of three dedicated computers, and two state-of-the-Art photo copiers.

		Scholarship forms of 2500 learners and pay-bills are electronically prepared and submitted online, sometimes to much technical difficulty. The separate, confidential Examination wing makes use of five computers, three photo-copiers, including one with color photography facility. Much of the preparation, submission and finalization of question papers and complete preparation of Mark statements are done electronically. The college Library is equipped with one computer and a photo copier. Since all major department have photocopiers, and since learners are given access to them at their departments, the library is using the photocopier for the general use of learners. The college library is equipped in the software and is semi-automated now.
14	Setup separate reading room in Library	This recommendation of the NAAC peer team is yet to be implemented, for want of buildings and space. The college is functioning in two shifts and this vital recommendation of the Peer team is getting delayed in its implementation. However, with more rooms getting constructed under State assistance, LCDF this directive of the NAAC will be complied with.
15	New Journals Acquisition	Taking NAAC suggestion seriously, the college arranged for subscription to journals. To-day the General Library has subscribed to a total of 11 Science Journals and 7 Humanities Journals. In the earlier years, soon after accreditation 8 journals were subscribed to. With increased funding, the number has gone up to 18 this academic year.
16	Library stack area to be improved	Library stack area, unfortunately, remaining the same. We could only add to extra- lighting and cross-ventilation. With more buildings coming our way, with state support we intend shifting to an exclusive Library block.
17	Photo copy facility in Library may be created	Photocopier facility in the General Library and departments serve the students ably.

18	Alumni Association may be constituted	An Alumni Association was setup on NAAC prodding in 2006 and today it serves as a rendezvous for emotional meetings among alumni. A regular general body was held in the last academic year and a nine member old boy's team took charge on 21.02.2015. The bye-laws approved by the AGM is submitted to District Registrar for Registration under Indian Societies Act.
19	Value based education lectures to be arranged	The college has a General Awareness forum, called <i>Naatrangaal</i>(Nursery) which has been conducting, in association with Gandhi study centre, Chennai, an annual examination on Gandhiji's life and work, and <i>his experiments with Truth</i>. This forum has been conducting for ten years in succession now, competition involving the lives and works of highly evolved religious savants of all faiths. Inculcation of values in students is sought to be achieved on both idealistic and materialistic lines. Lectures and competitions, centering around national icons like Shabeed Bagat Singh and Baba Sahab Ambedkar are also arranged year after year.
20	Remedial coaching to be extended to all subjects	Remedial programme was extended from English Department to every other Department on NAAC Suggestion in the very next year of its visit. The remedial programmes were given under both State Government sponsorship and with UGC Funding. Complete details, along with names of students who benefited from such coaching, already submitted to the UGC, will also be presented to the Peer Team for cycle II Accreditation. However, with both central and state funding not coming for two years now, this work has suffered a setback.
21	Pre and Post coaching programs tests to be given	In Remedial programmes Pre and post coaching Testing were not carried out, as the focus was only on preparing the failed candidates to appear for the arrear paper/s in the End semester Examination. However, in a Bridge course given in May 2015, Post-

		Coaching Test were administered on communication skills and numerical skills imbibed by learners after the Bridge Course. The results were very encouraging.
22	Well defined career planning and development programmes through Placement Cell	The Training and Placement Cell frequently organizes programmes on career guidance, Personality Development Programmes which enhance the IQ level and communication skills of the students. The College invites Guest speakers from the industry which provides regional and global employment opportunities for the students. Special Coaching is given for improving communication skills taking into considerations the rural background of our students.
23	Extension activities by individual departments- subject related and socially oriented	The college went a long way in carrying extension work to its marginalized neighbourhood wherein the college is located. The Department of Physics took the delight of Astronomy to school children studying in welfare schools run by the Department of Adhi Dravidar welfare and other school Children in its proximity. The Department of English printed easy to learn English Grammar Booklets, with Language1 equivalents for key terms, and distributed them free to hundreds of school children. Two teachers of the English Department went to kannigapuram Adhi Dravidar welfare schools in taught them English Grammer for over a week. The Department of Nutrition Science conducted two programmes to screens the young children for malnourishment. The children attending Anganwadi's in the neighbourhood are screened for malnutrition status in association with the Govt. Institute of Child Health, Egmore, Chennai. The Department of Nutrition Science is spreading awareness for the need of folic acid in adolescence girls and is distributing folic acid tablets in the neighbourhood free of cost. A complete list of our extension work will be submitted

		to the Peer Team.
24	Student bullet in on a fortnightly basis	The Department of Tamil is regularly bringing out 'KUYIL' a student bi-monthly journal. This apart the Department of Computer Science is also bring out an annual number, consisting of creative writings of Computer Science students. The other Departments are being encouraged to bring out their own individual journals, in one annual number at least.
25	Grievance Redressal Mechanism as a semi-autonomous instruction	A Grievance Redressal mechanism, gets constituted year after year, and addresses the needs of the learners. On issues beyond the helping of the Grievance cell, learners and teachers effectively use other fora and the management of the college shows the necessary understanding, without resorting to any covert or overt penal measures. Student Union elections are held, every year on lines of Lyndogh Commission, and so the organized student voice is always heard with the seriousness it deserves. All on campus issues are resolved through dialogue with elected student leaders and teachers seek remedy through State recognized union/ or registered unions.
26	Group Insurance scheme for Staff and Student welfare	The Group Insurance Scheme for Students was piloted by the elected Teacher representative of the Academic Council of Madras University through a Resolution and it was adopted unanimously. For the last five years the college students are under Group Insurance Cover. As for staff, they are Covered by the State Government Health Insurance Scheme (NHIS).
27	Obtain UGC nod for a multi-gym and funding for Physical Education Department	This NAAC recommendation is yet to be implemented. Till separate allocation is given by the UGC and staff-support provided by the State Government, Physical education shall remain a weak point of this institution, notwithstanding tremendous love for sports in our students of both Sexes. In all lean years, teachers keep the flag of Physical Education flying, as additional charge.

28	Protect, by obtaining additional funding, Physically and ecologically the 28 acre land assigned to college	The College is protected ecologically and great Care is taken to preserve and promote ecology restricted to our remaining 40,252 sq.mts, built up area of 2477 sq.mts and 'play ground area' of 12,392 sq.mts. The college as such is leaving only a limited Carbon footprint and with greater funding we will install solar panels and go green wholly. The college has in recent years, cleared the entire Campus that remained wholly a dump yard of rubble and building waste till 2005; reclaimed vast areas of land and successfully raised a Botanical Garden, with rare vegetation nurtured carefully. As for Physically protecting the 28 acres by reclaiming encroached areas, the mammoth task lies in the hands of persons in higher echelons of decision-making.
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DR M.RAVICHANDRAN, M.A., M.PHIL.,B.L. PH.D.
PRINCIPAL

Date : 03.10.2015

DECLARATION
BY THE HEAD OF THE INSTITUTION

I certify that the data included in the Self Study Report (SSR) are true to the best of my knowledge.

The SSR is prepared by the institution after internal discussions and no part therefore has been outsourced.

I am aware that the Peer team will validate the information provided in this SSR during the peer team visit.

Place : Chennai

Date : 03.10.2015

Principal