

# SELF STUDY REPORT

of



## SRI AKILANDESWARI WOMEN'S COLLEGE,

*(Permanent Affiliation granted by Thiruvalluvar University, Vellore)*

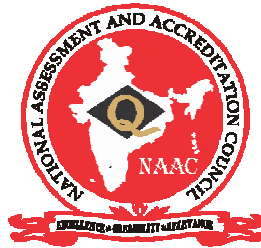
*Recognised under section 2 (f) & 12 (B) of UGC Act*

*Accredited B+ by NAAC*

Wandiwash – 604 408 - Thiruvanamalai District

Tamil Nadu

*Submitted to*



## NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

An Autonomous Institution of the University Grants Commission

P.O.Box No.1075, Nagarbhavi, Bangalore - 560 072.

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# PART - A

## **PREFACE**

Swamy Abedhanandha Educational Trust, Wandiwash was established in the year 1995 in accordance with the wishes of the Pujyashri Swamiji Abedhanandha Saraswathi.

The Self Study Report captures the documents of significant progress of past 20 years of existence of an Institution which has been stepping forward with the meticulous task of catering high quality education to needy downtrodden rural women folk and to strengthen the women society.

Sri Akilandeswari Women's College, Wandiwash is a pioneering institution which secured B+ Grade in the first cycle of NAAC Accreditation in the year 2006. Our college was approved with 2(f) status in the year 2006 and with 12(B) status in 2015 under UGC Act . With all our strengths, dedications, accountability, achievements and reputations, the institution is now prepared to invite the NAAC-Peer Team for the second cycle of 'Re-accreditation.

In accordance with Executive Committee Report of the First cycle of NAAC –Accreditation, our Institution has implemented many innovative measures to improve specific academic programmes for the promotion of better quality in teaching and learning process. The necessary actions were taken to rectify the deficiencies noted by the previous NAAC-Assessment Report.

We hope that this report will be able to depict an informative document to be presented to the Peer Team of NAAC Committee.

**Dr. M.H.S. Mohamed Yacoob**  
**PRINCIPAL**  
Sri Akilandeswari Women's College,  
Wandiwash- 604 408  
Tamilnadu

## STEERING COMMITTEE

|  |                                     |
|--|-------------------------------------|
| <b>Dr. M.H.S. Mohamed Yacoob</b><br>Principal  | Chair Person                        |
| <b>Mrs. K. Jagathy</b><br>Head, Department of Microbiology                             | Streering Committee<br>Co-ordinator |
| <b>Ms. K.Suguna</b><br>Vice - Principal  | Member                              |
| <b>Ms. K. Padmalochana</b><br>Head, Department of Bio-Chemistry<br>IQAC – Co-ordinator | Member                              |
| <b>Mr. S. Selvakumar</b><br>Head, Department of Physics                                | Member                              |

## **DECLARATION BY THE HEAD OF THE INSTITUTION**

I certify that the data included in this Self-Study Report (SSR) are true to the best of my knowledge.

This SSR is prepared by the institution after internal discussions, and no part thereof has been outsourced.

I am aware that the Peer team will validate the information provided in this SSR during the peer team visit.

**Dr. M.H.S. Mohamed Yacoob**  
PRINCIPAL

Place : Wandiwash  
Date : 28.10.2015

## EXECUTIVE SUMMARY

Sri Akilandeswari Women's College, Wandiwash adhere to the wishes and vision of Pujyasri Swamiji Abedhanandha Saraswathi for uplifting the poverty, ignorant and innocent rural women folk.

Swamy Abedhanandha Educational Trust laid its footprints about 20 years back with challenging experiences and progresses.

### **STRENGTH:**

The support of the management and that of the staff has made the Institution to achieve a awesome reputation in the educational field. The management, staff and students stand as the strong pillars for the upliftment of the college. The latest methods of new teaching technology and the support given by the management to implement the same has helped the institution to achieve its goal.

Initially in 1995 the college started with three job oriented undergraduate courses and today the Institution is catering 10 UG courses, 9 PG courses and 4 M.Phil courses. Every year the management takes each and every step to satisfy the needs of the students and that of the public by means of starting new professional courses which has job securities for women folk. Accordingly the infrastructural facilities such as required class rooms, laboratories, furniture, etc. are increased so as to satisfy the needs. With regard to admission, the strength has been increasing so as to prove that this Institution has made the people to realize the importance of education.

The implementation of new technologies in teaching methods, automation of library and other library sources, attention given by the staff, etc. has contributed much to the development of the Institution. This, in turn has made students to achieve awards, ranks and medals from the University. These laurels has created an opportunity for campus interviews and many of the companies has visited the college to recruit various candidates for various jobs and today many the students are placed in well-said positions. Appreciation from the recruiters, personalities who have visited the college for various reasons and public is a strong evidence that the students of this college are well trained in ultramodern facilities provided by the college. Various development programmes are organised for all the students under various topics so as to motivate the students to achieve laurels and reputation.

The participation of students in extension activities through various clubs is yet another strength for the progress of the Institution. Social service activities to the society has created a great impact on the development of the college. The alumni association on its part as motivated the management and the students to aim for higher laurels. The link between the management and the staff, the principal and staff, the staff and the students, the management and the public, etc. has created a strong bond in the development of the college.

## **WEAKNESS:**

Being a rural area, most of the students undergo school studies in their mother-tongue language and hence English knowledge cannot be expected from them as they enter into the college life. It is the main drawback that the faculty find much difficulties in training the students to face the current scenario. And the same is also felt in case of promoting consultancy.

In spite of placing advertisements in dailies for recruiting staff every year, the management receives minimum number of resumes who have completed Ph.D or NET/SET qualified candidates. Hence this has become major constraint in appointing qualified staff.

## **OPPORTUNITIES**

The management has created various opportunities to students at various levels. Academically, library facilities, internet facilities, technological updates in teaching-learning methodologies, laboratory facilities, industrial visits, invited lectures, workshops, etc. Apart from these, the students are motivated both mentally and physically by organizing personality development classes, counselling, conducting yoga classes and sports. They are permitted to participate in various extra-curricular activities at college and inter-collegiate levels. Various clubs are functioning for the betterment of the students which enhances the social responsibilities.

The staff –members are also taken care in improving themselves in their academic achievement by means of creating opportunities to participate in various conferences, seminars and workshops conducted in various institutions and universities. Orientation programmes are organized by the management so as to enable the staff to enhance their teaching skills. As the institution has been granted with 12(B) status, the staffs are motivated to undergo projects at UGC level with financial aid. In order to satisfy the norms of the UGC, the staff members are encouraged to appear for CSIR/NET/UGC exams and provisions of all sorts to get through in the same is done by the management.

The status of achieving 12(B) under the UGC Act has motivated the management to uplift the college in all aspects in forthcoming years.

## **CHALLENGES:**

The management has to face many socio-economic problems to run the institution and to achieve its vision.



## PROFILE OF THE AFFILIATED COLLEGE

1. Name and Address of the College:

|          |   |                   |
|----------|---|-------------------|
| Name:    | <b>SRI AKILANDESWARI WOMEN'S COLLEGE</b>              |                   |
| Address: | Tindivanam Highway,<br>Vandavasi,<br>Tiruvanamali Dt. |                   |
| City:    | Pin: 604 408  | State: Tamil Nadu |
| Website: | www.sawcw.org   |                   |

2. For Communication:

| Designation                      | Name                    | Telephone      | Mobile     | Fax | Email                          |
|----------------------------------|-------------------------|----------------|------------|-----|--------------------------------|
| Principal                        | Dr.M.H.S.Mohamed Yacoob | 04183 – 227176 | 9442409220 |     | mohamedyacoobzoology@gmail.com |
| Vice Principal                   | Ms. Suguna. K           | 04183 – 227899 | 9486524811 |     | Suguna_69@yahoo.com            |
| Steering Committee Co- Ordinator | Mrs. K. Jagathy         |                | 9894258478 |     | Jagathy.83@gmail.com           |

3. Status of the Institution:

|                           |   |
|---------------------------|---|
| <b>Affiliated College</b> | ✓ |
| Constituent College       |   |
| Specify if Any            |   |

4. Type of Institution:

a. By Gender

|     |                  |   |
|-----|------------------|---|
| i   | For Men          |   |
| ii  | <b>For Women</b> | ✓ |
| iii | Co- Education    |   |

b. By Shift

|     |                |   |
|-----|----------------|---|
| i   | <b>Regular</b> |   |
| ii  | Day            | ✓ |
| iii | Evening        | ✓ |

5. It is a recognized minority institution?

|           |   |
|-----------|---|
| Yes       |   |
| <b>No</b> | ✓ |

6. Sources of funding:

|                       |   |
|-----------------------|---|
| Government            |   |
| Grant-in-aid          |   |
| <b>Self Financing</b> | ✓ |
| Any other             |   |

7. a. Date of establishment of the college : 21.07.1995  
 b. University to which the college is affiliated : **Thiruvalluvar University, Vellore**  
 c. Details of UGC recognition:

| Under Section | Date, Month & Year | Remarks(If any) |
|---------------|--------------------|-----------------|
| i.2 (f)       | 01.03.2007         | ---             |
| ii.12 (B)     | 21.05.2015         | ---             |

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

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

Yes  No

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

Yes  No

9. Is the college recognized

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

Yes  No

b. for its performance by any other governmental agency?

Yes  No

10. Location of the campus and area in Sq.mts : Tiruvannamalai District, Tamilnadu.

| Location               | Rural            |
|------------------------|------------------|
| Campus area in Sq. Mts | 49312.50 Sq.mts  |
| Built up area in       | 19953.04 Sq. mts |

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

Auditorium / Seminar Complex with infrastructural facilities

**Sports Facilities**

Play Ground

Swimming Pool

Gymnasium

## Hostel

|                   |    |
|-------------------|----|
| Girls Hostel      | ✓  |
| Number of Hostels | 1  |
| Number of inmates | 70 |

## Facilities

|   |    |
|---|----|
| Library                                       | ✓  |
| Entertainment                                 | ✓  |
| Medical Room                                  | ✓  |
| Ambulance                                     | ✓  |
| Working Women's Hostel                        | x  |
| Residential facilities for teaching staff     | 11 |
| Residential facilities for non teaching staff |    |
| Residential facilities for supporting staff   |    |
| Cafeteria                                     | ✓  |
| Health Centre                                 | ✓  |

## Qualified Doctor

|           |   |
|-----------|---|
| Part time | ✓ |
|-----------|---|

## Qualified Nurse

|           |   |
|-----------|---|
| Part time | ✓ |
|-----------|---|

## Facilities like Banking, Post office, Book Shop

|                                 |   |
|---------------------------------|---|
| ATM                             | ✓ |
| Tansport Facilities             | ✓ |
| Animal House                    | x |
| Biological waste disposal       | ✓ |
| Generator                       | ✓ |
| Solid waste Management facility | ✓ |
| Waste water Management          | ✓ |
| Water harvesting                | ✓ |

12. Details of programmes offered by the college (2015-2016)

| S. No. | Programme level | Name of the course            | Duration | Entry Qualification | Medium of Instruction | Sanctioned approved strength | No. Admitted |
|--------|-----------------|-------------------------------|----------|---------------------|-----------------------|------------------------------|--------------|
| 1      | UG              | B.A., English                 | 3 Years  | HSC                 | English               | 77                           | 77           |
| 2      |                 | B.C.A                         | 3 Years  | HSC                 | English               | 110                          | 110          |
| 3      |                 | B.Com                         | 3 Years  | HSC                 | English               | 70                           | 70           |
| 4      |                 | B.Com (CA)                    | 3 Years  | HSC                 | English               | 70                           | 39           |
| 5      |                 | B.Sc., Biochemistry           | 3 Years  | HSC                 | English               | 55                           | 55           |
| 6      |                 | B.Sc., Chemistry              | 3 Years  | HSC                 | English               | 55                           | 55           |
| 7      |                 | B.Sc., Computer Science       | 3 Years  | HSC                 | English               | 110                          | 110          |
| 8      |                 | B.Sc., Mathematics            | 3 Years  | HSC                 | English               | 154                          | 154          |
| 9      |                 | B.Sc., Microbiology           | 3 Years  | HSC                 | English               | 55                           | 55           |
| 10     |                 | B.Sc., Physics                | 3 Years  | HSC                 | English               | 55                           | 55           |
| 1      | PG              | M.A., English                 | 2 Years  | UG                  | English               | 40                           | 28           |
| 2      |                 | M.Com                         | 2 Years  | UG                  | English               | 40                           | 12           |
| 3      |                 | M.Sc., Biochemistry           | 2 Years  | UG                  | English               | 26                           | 8            |
| 4      |                 | M.Sc., Chemistry              | 2 Years  | UG                  | English               | 26                           | 26           |
| 5      |                 | M.Sc., Computer Science       | 2 Years  | UG                  | English               | 26                           | 23           |
| 6      |                 | M.Sc., Information Technology | 2 Years  | UG                  | English               | 26                           | 01           |
| 7      |                 | M.Sc., Mathematics            | 2 Years  | UG                  | English               | 40                           | 25           |
| 8      |                 | M.Sc., Applied Microbiology   | 2 Years  | UG                  | English               | 26                           | 12           |
| 9      |                 | M.Sc., Physics                | 2 Years  | UG                  | English               | 26                           | 11           |
| 1      | M.Phil.         | M.Phil., Biochemistry         | 1 Year   | PG                  | English               | 20                           | 03           |
| 2      |                 | M.Phil., Computer Science     | 1 Year   | PG                  | English               | 5                            | 05           |
| 3      |                 | M.Phil., Commerce             | 1 Year   | PG                  | English               | 5                            | 04           |
| 4      |                 | M.Phil., Microbiology         | 1 Year   | PG                  | English               | 15                           | 04           |

13. Does the college offer self-financed Programmes?

Yes  No

If yes, how many?

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

|     |                                     |    |                          |        |           |
|-----|-------------------------------------|----|--------------------------|--------|-----------|
| Yes | <input checked="" type="checkbox"/> | No | <input type="checkbox"/> | Number | <b>11</b> |
|-----|-------------------------------------|----|--------------------------|--------|-----------|

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

| Faculty             | Departments  | UG  | PG  | Research |
|---------------------|--|-----|-----|----------|
| Science             | Biochemistry, BCA, Chemistry, Computer Science, Mathematics, Microbiology, Physics | 7   | 6   | 3        |
| Arts                | English  | 1   | 1   | -        |
| Commerce            | B.com, B.com(C.A)  | 2   | 1   | 1        |
| Any Other (Specify) | ---  | --- | --- | ---      |

16. Number of Programmes offered under:

|                        |    |
|------------------------|----|
| Annual System          |    |
| <b>Semester System</b> | 23 |
| Trimester System       |    |

17. Number of Programmes with

|                                   |    |
|-----------------------------------|----|
| <b>Choice Based Credit System</b> | 23 |
| Inter/Multidisplinary Approach    |    |
| Any other                         |    |

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

Yes  No

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

Yes  No

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

| Positions  | Teaching faculty |   |                     |   |                     |    | Non-teaching staff |   | Technical staff |   |
|--|------------------|---|---------------------|---|---------------------|----|--------------------|---|-----------------|---|
|  | Professor        |   | Associate Professor |   | Assistant Professor |    | M                  | F | M               | F |
|  | M                | F | M                   | F | M                   | F  |                    |   |                 |   |
| Sanctioned by the UGC/University/ State Government<br><i>Recruited</i>               |                  |   |                     |   |                     |    |                    |   |                 |   |
| <i>Yet to recruit</i>  |                  |   |                     |   |                     |    |                    |   |                 |   |
| Sanctioned by the Management/ society or other authorized bodies<br><i>Recruited</i> |                  |   |                     |   | 10                  | 90 | 2                  | 9 | 0               | 5 |
| <i>Yet to recruit</i>  |                  |   |                     |   |                     |    |                    |   |                 |   |

21. Qualifications of the teaching staff:

| Highest qualification     | Professor |        | Associate Professor |        | Assistant Professor |        | Total |
|---------------------------|-----------|--------|---------------------|--------|---------------------|--------|-------|
|                           | Male      | Female | Male                | Female | Male                | Female |       |
| <b>Permanent teachers</b> |           |        |                     |        |                     |        |       |
| D.Sc./D.Litt.             |           |        |                     |        |                     |        |       |
| Ph.D.                     |           |        |                     |        | 1                   | 5      | 6     |
| M.Phil.,                  |           |        |                     |        | 7                   | 61     | 68    |
| PG                        |           |        |                     |        | 3                   | 22     | 25    |
| <b>Temporary teachers</b> |           |        |                     |        |                     |        |       |
| Ph.D.                     |           |        |                     |        |                     |        |       |
| M.Phil.                   |           |        |                     |        |                     |        |       |
| PG                        |           |        |                     |        |                     | 4      | 4     |
| <b>Part-time teachers</b> |           |        |                     |        |                     |        |       |
| Ph.D.                     |           |        |                     |        |                     |        |       |
| M.Phil.                   |           |        |                     |        |                     |        |       |
| PG                        |           |        |                     |        |                     |        |       |

22. Number of Visiting Faculty/Guest Faculty engaged with the College.

4

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

| Categories | 2012-2013 |        | 2013-2014 |        | 2014-2015 |        | 2015 - 2016 |        |
|------------|-----------|--------|-----------|--------|-----------|--------|-------------|--------|
|            | Male      | Female | Male      | Female | Male      | Female | Male        | Female |
| SC         | -         | 127    | -         | 117    | -         | 110    | -           | 117    |
| ST         | -         | 1      | -         | 2      | -         | 0      | -           | 1      |
| OBC        | -         | 714    | -         | 722    | -         | 720    | -           | 795    |
| General    | -         | 30     | -         | 31     | -         | 47     | -           | 33     |
| Others     | -         |        | -         |        | -         |        | -           |        |

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

| Type of Students  | UG  | PG  | M.Phil., | Ph.D., | Total |
|---|-----|-----|----------|--------|-------|
| Students from the same State where the college is located | 780 | 146 | 16       | 0      | 942   |
| Students from other states of India                       | 0   | 0   | 0        | 0      | 0     |
| NRI students  | 0   | 0   | 0        | 0      | 0     |
| Foreign students  | 0   | 0   | 0        | 0      | 0     |
| <b>Total</b>  | 780 | 146 | 16       | 0      | 942   |

25. Drop out rate in UG and PG (average of the last two batches)

UG  PG

26. Unit Cost of Education

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

(a) including the salary component

**Rs.1,8649.91**

(b) excluding the salary component

**Rs.1,1995.53**

27. Does the college offer any programme/s in distance education mode (DEP)?

Yes  No

28. Is the college applying for

Accreditation: Cycle1  Cycle2  Cycle3  Cycle4

Re-Assessment:

29. Date of accreditation\*(applicable for Cycle2, Cycle3, Cycle4 and re-assessment only)

|                               |            |
|-------------------------------|------------|
| Cycle 1                       | 02.02.2006 |
| Accreditation Outcome/ Result | B+         |

30. Number of working days during the last academic year : 220 days

31. Number of teaching days during the last academic year : 191 days

32. Date of establishment of Internal Quality Assurance Cell (IQAC) IQAC  
28.4.2006

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

1. AQAR 28.04.2006

2. AQAR 12.03.2008

3. AQAR 12.03.2008

4. AQAR 05.04.2010

5. AQAR 05.05.2011

6. AQAR 31.08.2012

7. AQAR 18.08.2013

8. AQAR 24.04.2015

9. AQAR 25.04.2015

34. Any other relevant data (not covered above) the college would like to include:  
Sri Akilandeswari Women's College was run by Swamy Abhedhanandha Educational Trust, Wandiwash

Sri Akilandeswari Women's College was instituted with the lofty vision of Pujashri Swamy Abedhanandha and it was his vision that Women folk should be uplifted and as per his wish and his request to the Board of Directors of Swamy Abedhanandha Educational Trust, this Women's Institution came into existence in 1995. The vision of the Educational Trust was to uplift the Institution to attain good credits in the Re-Accrediation Cycle 2 and Autonomous status.



# **PART - B**

## **CRITERIA WISE ANALYTICAL REPORT**

- 1. Curricular Aspects**
- 2. Teaching - Learning & Evaluation**
- 3. Research, Consultancy & Extension**
- 4. Infrastructure and Learning Resources**
- 5. Students Support & Progression**
- 6. Governance, Leadership & Management**
- 7. Innovations and Best Practices**

# **CRITERIA - I**

## **KEY ASPECTS**

- 1.1 Curriculum Planning and Implementation**
- 1.2 Academic flexibility**
- 1.3 Curriculum Enrichment**
- 1.4 Feedback System**

## CRITERION – I : CURRICULAR ASPECT

### 1.1. Curriculum Planning and Implementation:

The core curriculum for UG, PG and M.Phil courses is designed by the affiliating Thiruvalluvar university-Vellore. Our curriculum is based on ‘Choice Based Credit System’ (CBCS) as per the university from the academic year 2008-2009.

Under this CBCS-system, our college offers 10 UG courses, 9 PG courses and 4 M.Phil courses in Regular Stream. A UG candidate must earn a minimum of 140 credits in VI semesters and PG candidate must earn 90 credits in IV semesters. Apart from Part-I-Tamil and Part-II-English, Core and Allied subjects, an UG student can choose one Non-Major Elective subject is included as a part of syllabus in order to acquire knowledge of other subjects also. ‘Environmental studies’, ‘Value Education’ and Softskills are additional papers for UG Candidates and ‘Human Rights’ is added for PG Candidates. The students are given berth to ‘Extension Activities’ like NSS, RRC, YRC, Sports, Leo, Fine Arts, Eco club activities, Consumer Club activities, etc.

Our Institution especially provides Soft Skill development courses such as “Computer Skills”, “Spoken and Presentation skills” and “Personality Development Skills”. The classroom teaching is supplemented with Seminars, Conferences, Projects and Industrial Visits.

#### 1.1.1. State the vision, mission and objectives of the Institution and describe how these are communicated to the students, teachers, staff and other stakeholders:

Sri Akilandeswari Women’s College- Wandiwash is the outcome of the vision and initiative of the Founder and Chairman Shri.Ln.B.Munirathinam, whose ardent desire is to empower women of the rural and downtrodden areas of Tiruvannamalai District. The institution reflects the ideals of “Swamy Abedhanandha”

##### **Our Vision:**

**Swamy Abedhanandha Educational Trust** has the clear vision to Empower Women and their Economic Status through Education and moral values.

##### **Our Mission:**

To empower the women society by the right academic atmosphere, the best knowledge resources and the equal opportunity to develop knowledge and employability skills besides inculcating in them the values embedded in culture and tradition.

##### **Our Objectives:**

- To inculcate the need of Higher Education to Women of all socioeconomic strata.
- To provide students with all available knowledge resources.
- To nurture talent in students and enable them to multifarious personality development.
- To create employability skills in all students
- To make positive difference to society through education

##### **Implementation of Policies:**

- The “Vision” of the management is discussed with students and teachers in the General Meetings so as to make them realize as to why the institution has been established. The public are given awareness of the same by means of printing the vision of the college in prospectus.
- The ultimate motive of the Institution is to provide academic excellence to all students

- The transparency in functioning, equity in access and excellence in performance are the prime policies designed by the Management.
- The admissions is done as per the norms of the government and ‘first come first serve’ option is followed. All Students are given equal opportunities in all aspects without any discrepancies.
- The disabled candidates are treated equally and all facilities are provided for them so as to make them feel at ease.
- All knowledge resources are made easily accessible to all our students.
- The Staff and Students are encouraged to do research, minor projects at UGC level and the management provides all facilities to carry the same. Emphasis is given to publish articles in journals.

The Management has a vision to establish Research Departments in all existing departments in order to produce many research scholars and to create job opportunities for them.

Personality Development Classes, motivation counselling camps are regularly conducted so that the students enrich themselves to secure ranks and face the interview boards during online and off line interviews.

All the above is made known to all the stakeholders in the governing body meetings, to the Staff and Students in general meetings and assemblies and to the public through their wards.

**1.1.2. How does the Institution develop and deploy action plans for the effective implementation of the curriculum? Give details of the process and substantiate through specific examples:**

In the beginning of every academic year, The Principal, HODs and other Faculty members collectively organise and discuss the “Action Plan” for that academic year. The Institution pays much attention to improve the resources and to enhance the standards. As the outcome of our objectives, the following implementation procedures are adopted.

**a) Sandwich Course:**

This is one of the action plans that has been implemented to bridge the gap between the Higher Secondary School Education to Collegiate Education. All the First students are made to attend the Personality Development Classes organised by ASSET and the same helps them to overcome the fear of college life. Every Department is advised to conduct 10 days preliminary course to train the new comers to emulate as best learners.

**b) Language Learning Tuition:**

Special contact hours are designed to cater Tamil Medium Students and Slow learners to improve their reading, writing and communication skills in English Language. The faculty members of English Dept. and final year PG students of English literature are arranged as teachers to motivate the beginners for in English. With this healthy practice, the Tamil medium students are taught to become familiar with English vocabulary.

**c) Intensive Remedial Classes:**

Teachers have been advised in All Staff Meetings to give priority to remedial teaching for slow learners. The students who have arrears in University examinations are given extra attention and coaching is given to them to clear the same. Question banks are established in library and in departments and the same is discussed with the students during revision and suitable materials

are given to them to get through in all examinations. Class tests, slip tests, assignments and seminars help the students to improve themselves in their studies.

**d) Students Involved Committees:**

Student Representatives are nominated in each class by the tutor and they take active part to carry all the activities. Student President from II PG and Student Vice-President from III UG are selected to carry on all the activities of the college. All the clubs have student representatives who in turn act accordingly.

**e) Students Involved Clubs:**

Various clubs such as Leo, Eco club, Health and Hygiene club, Citizen Consumer Club, Fine Arts Club, etc. have been constituted in the college wherein students take active part in all the extra-curricular activities.

**f) Academic and Industrial visits:**

Our students are periodically taken out to places like “Research laboratories”, “Factories”, ”Industries” and “Workshops” to gain more practical knowledge and exposures. It is expected that these visits will motivate them to take up Research work in future as well as to enable them to acquire a wider knowledge and skills of what they study.

**1.1.3. What type of support (Procedural and Practical) do the teachers receive (from the university and or Institution) for effectively translating the curriculum and improving teaching practices?**

- The University designs the curriculum and the Boards of studies are reviewed for every three years.
- The subjects and Syllabi boards periodically meet every year to revise and update the syllabi.
- The teachers are provided better opportunities to participate in “Orientation Courses”, ”Refresher Courses” and “Workshops”.
- The Management also encourages the staff members to participate in seminars and symposiums in their relevant subjects.
- The Management also allots a substantial amount for every semester to acquire books and journals.
- The faculty members are allowed to access internet in their Departments.
- The college encourages teachers to use modern technologies in class rooms. Digital screens, Projectors, Visualizers are frequently used in the classrooms for projecting NPTEL Programmes.

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

Since our Institution is a non-autonomous college, we strictly follow the Thiruvalluvar University curriculum. But wherever possible we adopt a positive impact by choosing some papers with major benefits to students.

➤ Selection of allied, elective and non-major subjects:

The University gives a choice to select Allied papers, Elective Papers and Non-Major Papers and the same is selected after clearly analyzing as to which would be the best to the students under consultation with the management, principal and staff

- Curriculum delivery:  
NPTEL programmes were organized in Seminar Hall and ICT Techniques were used in Classroom Teaching.
- Regular Teaching Hours:  
Each paper is divided into 5 units and the number of contact hours is framed as per the university norms. The planning to complete the syllabus is done by the heads of the Departments and the other faculty members. The lesson plans are recorded in the log books and the same is verified by the head of the institution.
- Testing and Evaluation:  
Continuous Internal Assessment is done as per the instructions given by the University and apart from that monthly unit tests and slip tests are conducted by the staff.

**1.1.5. How does the Institution network and interact with beneficiaries such as Industry, Research bodies and the university in effective operationalisation of the curriculum?**

- Institutional Networking with Industry:  
Departments of Microbiology, Biochemistry, Physics and Chemistry take their students for Industrial visits to acquire more practical knowledge in their relevant subjects. The students are exposed to the production and marketing practices of Industries and encourage them to establish small scale industries.
- Institutional Networking with Research Bodies:  
Our University has included the submission of Research projects in the curriculum for PG Students and M.Phil. Scholars. Students pursue their research with in-house resources and at times of necessary they approach certain Research laboratories for the sensitive analysis of samples.

**1.1.6. What are the contributions of the Institution and / or its staff members to the development of the curriculum by the university? (Number of staff members – Departments represented on the Board of studies, student feedback, teacher feedback, stakeholders feedback provided, specific suggestions etc.)**

- The Management, principal and staff members have a good rapport with the affiliating Thiruvalluvar University, Vellore.
- The former Principal Dr.R.Pushpavalli was elected as the Syndicate Member of Thiruvalluvar University from 2009 to 2012 and being a syndicate member she has offered valuable suggestions to the University. She also served as a steering committee member and was responsible for making many plausible policy decisions. She has rendered a good reporting service to the University and to various colleges for which she was appreciated. She served as a Vice chancellor (In-charge) during the year 2011 – 2012 and as created a history in the records of the Thiruvalluvar University and that of our College.
- The authorities of Thiruvalluvar University established a good intimacy, mutual and reciprocal relationships. The College secretary Ln.M.Ramanan has been elected as the Academic Council Member of Thiruvalluvar University and he still holds the position. His involvement in the said position is very well applauded and is well appreciated by the other academic members. He has registered many fruitful suggestions to improve the curriculum and its standard.
- Extensive changes in current and applied aspects were included in B.Sc. Zoology Department by the present Principal Dr.M.H.S. Mohamed Yacoob. He has served as the member of Board of studies in Thiruvalluvar University, Vellore during 2009-2012. Moreover he has also served as the Member of Board of studies in Zoology in D.K.M.

College for Women, Vellore during the years 2009-2012. In addition to that he was also nominated by the University to serve as 'Staff selection committee member' in few Educational Institutions.

- Ms.K.Padmaloohana, Head & Asst.Professor of Biochemistry has served as the member in UG Biochemistry Board of Studies in Thiruvalluvar University during the year 2006 – 2009.
- Ms.Suguna.K, Head & Asst.Professor of English is serving as Chairman – UG English Central Valuation Board since 2014.
- Mrs.J.Kalaimathi, Asst. Prof. of Biochemistry is at present serving as Member of Board of Studies in B.Sc. Biochemistry in Thiruvalluvar University, Vellore.
- Other Head of the Departments with valid suggestions from their co-staff also offer their valuable suggestions and feedback to their concerned UG and PG board of studies.

**1.1.7. Does the Institution develop curriculum for any of the courses offered (other than those under the purview of the affiliating University) by it? If yes give details on the process (needs assessment, design, development and planning) and the courses for which the curriculum has been developed:**

- From the academic year 2011-2012 onwards we have constituted an agreement with "ASSET" Institute of Soft Skill Development to train our students for their personality development. The Soft Skill Trainers have developed special modules to train the students in life skills. They have aimed at developing multi-tasking skills among students.
- The Department of Computer Science and Computer Applications offer a list of practical exercises which includes the basics of MS-Office and INTERNET.
- The Career Guidance Cell and Placement Cell utilise these Computer updating programmes every year to suit the needs of different batches of students.
- Yoga is offered in this institution as Diploma certificate course and PG course for the students to encourage them both physically and mentally. As part of the yoga curriculum the yoga students are taken to Azhiyar for Practical administration in Yoga.

**1.1.8. How does the Institution analyze-ensure that the stated objectives of curriculum are achieved in the course of implementation?**

- Academic Registers:  
The Registers are maintained where the CIA components are entered and monitored by the tutors of each class. The Heads of the Departments meticulously check these practices. Further the Principal reviews these registers every month.
- Classroom observation:  
The teachers are constantly observed in classrooms by the Head of the Departments and by the Head of the Institution. The students are often invited to give their feedbacks about the classroom teachings. The complaints and grievances from students are sympathetically considered by the Principal. Then the teachers are counselled if the objectives are not met with. General English Language teachers have been advised to give so many reading, writing and speaking practices as feasible in to the classroom. Conducting Seminar classes by means of PPT presentation by PG students is in practice in our Institution.

**1.2.1. Specifying the goals and objectives (give details of the certificate – diploma – skill development courses etc.) offered by the Institution:**

Our Institution offers the following courses with the vision of increasing employability skills and to strengthen the standard of education.

Course on “Soft Skill Development”

- Personality Development course and Soft skill development course in collaboration with the ‘ASSET’ Institution is conducted in the campus.
- Course on Competitive Examinations:
- Our Institution has a tie up with the “ASSET”. “BUDDHA IAS ACADEMY” is offering free training to our Final year UG and PG students. This programme takes care of all competitive examinations. Special coaching classes are conducted frequently. Experts, resource persons and training personals from various coaching academy are invited to handle the classes. The retired professors of the coaching centres are also involved to train our students to perform well in the competitive examinations.

**1.2.2. Does the Institution offer programmes that facilitate twinning-dual degree? If yes give details:**

No.

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

- As far as the academic flexibility is concerned the lateral mobility choice is not available to the students studying under CBCS system. The career guidance cell organises enrichment modules so as to help the students to advance to higher studies. Our college also offers particular training in aptitude, resume writing and communication skills and enhances the students to suit themselves for employability. UG candidates are motivated to continue the studies by giving counselling with regard to their future life. PG candidates are motivated to appear for UGC/NET/SLET exams and get themselves approved for teaching profession. The importance of appearing for various Government exams is inculcated to students and proper training and guidance is given to them to appear for the same.

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

The Institution comes under the category of “Self-Financing College” and conducts the unaided self financing courses.

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

Additional skill oriented programmes such as “Soft skill development”, “Computing skill development”, “Personality development programmes” and “Spoken English Course” using Language Lab are offered by the Institution to support the students and the same helps them to develop their talents.



**1.2.6. Does the University provide for the flexibility of combining face-to-face and Distance mode of Education for students to choose the courses-combination of their choice? If yes, how does the Institution take advantage of such provision for the benefit of students?**

Face-to face and Distance Education is not feasible in case of our students as such facility is yet to be supported by the university.

**1.2. Curriculum Enrichment:**

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

Our Institution always take care to ensure that Thiruvalluvar University's academic programmes are integrated with the Institution's goals and objectives. Being a Women's College, the management as started such courses which will be helpful for the women folk. Our teachers and mentors take special initiatives to teach values to students and anchor them in culture and tradition. We encourage students to practice secularism in all their activities at curricular, co-curricular levels. Every department is sensitive to the needs of students and efforts are taken regularly to solve problems faced by students for various reasons.

**1.3.2. What are the efforts made by the Institution to modify, enrich and organize the curriculum to explicitly reflect the experiences of the students and cater to needs of the dynamic employment market?**

The Members of Boards of Studies take sincere efforts to modify the syllabi according to the necessity of the present day requirements. We also periodically submit our suggestions to make corrections in the curriculum. We also represent the experiences and views of the students to the University in Academic Council Meetings.

| Sl.No. | Name of the Person         | Name of the Board   | Period      |
|--------|----------------------------|---|-------------|
| 1      | Dr.R.Pushpavalli           | Syndicate Member –<br>Thiruvalluvar University              | 2009 - 2012 |
| 2      | Dr.M.H.S.Mohamed<br>Yacoob | Zoology Board of Studies –<br>Thiruvalluvar University      | 2009 – 2012 |
|        |                            | Zoology Board of Studies –<br>DKM College, Vellore          | 2009 – 2013 |
| 3      | Ms.K.Padmaloohana          | Biochemistry Board of Studies –<br>Thiruvalluvar University | 2006 – 2009 |
| 4      | Mrs.J.Kalaimalathy         | Biochemistry Board of Studies –<br>Thiruvalluvar University | 2015 - 2018 |

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

Gender:

Being a Women's Institution gender discrimination does not prevail in this college. We invite women speakers to address women's issues and the concept of "Feminism". For example, every year "World Women's Day" is celebrated and awareness programmes are conducted regularly to create awareness on various issues pertaining to women.

Environmental Education:

Thiruvalluvar University has included a paper "Environmental Studies" for the I year UG students in the curriculum wherein the challenges of globalization and eco-friendly attitudes

are well explained. The concept of sustainable development of “Biodiversity” and its co-existence in the Universe highlights the paper.

The “Eco-Club” of our Institution conducts series of programmes on climate change, global warming, dereliction of fertile land, devastation of forest resources and renewable resources. The students are encouraged to make “Green Earth”.

**Human Rights:**

The University has introduced Human Rights paper for I PG Students and as a part of it periodical meetings are conducted to create awareness on Human Rights and Women’s Rights. Personalities are invited to address on various issues pertaining to human rights for women folk. Our consumer club also conducts awareness programmes on Consumerism.

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

Prayer meetings are conducted very Friday wherein religious hymns are sung and sayings from Bhagavat Gita, Bible and Holy Quran is read by the students. The 150<sup>th</sup> Birthday celebration of Swamy Vivekanandha was organized in the College campus to create spiritual awareness among the students. The books on Swamy Vivekanandha were displayed for sale.

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

The Research Committee has recommended the staff members to submit their research proposals to funding agencies for minor/major projects.

Based on the feedback from the stackholders the internet facilities have been extended in library and in all departments. Students were allowed to access the same.

All staff members and PG students have enrolled themselves in INFLIB NET and the management has provided required facilities to carry the same.

As per the suggestions given from the external experts, NPTEL, Virtual lab, Live Video lectures via VYAS Channel, etc. have been exposed to the students periodically.

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

Academic peers:

The Resource persons in different subjects are invited to deliver guest lectures and provide an enthusiasm to students on the contemporary developments in the subject.

Students’ feedback is obtained on these classes and steps are taken to improve their efficacy.

**1.4. Feedback System:**

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

The syllabus and curriculum are framed and designed by the affiliating Thiruvalluvar University and we follow the same curriculum by implementing the CBCS system with external and CIA marks and credits. Suggestions are intimated to the University at times of academic council meetings and board meetings.

**1.4.2. Is there a formal mechanism to obtain feedback from students and stakeholders on curriculum? If yes how is it communicated to the university and made use internally for curriculum enrichment and introducing changes-new programmes?**

**Feedback from the students:**

Generally the students are advised to give their views on curriculum enrichment. Based on the feedback suggestions gathered from the students the requests are sent to the respective Board of studies.

**Feedback from alumnae:**

The suggestions from the members of Old student association are taken into consideration. We communicate to the university whenever we feel the syllabus needs to be revised or changed.

**Feedback from the Parents:**

Suggestions from the parents to start Certificate Courses and Diploma Courses to their wards has been referred to the University and moreover steps have been taken to intimate the University to conduct Campus Interviews in the affiliated colleges.

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

- 12 new programmes were introduced during the last five academic years.
- In the academic year 2010-2011, B.Sc. Chemistry, M.Phil. Mathematics, M.Phil. Biochemistry and M.Phil. Computer Science was introduced.
- In the academic year 2011-2012 M.Phil. Microbiology and M.Phil. Commerce courses were introduced
- In the academic year 2012 – 2013 M.A. English., and M.Sc. Physics., courses were introduced.
- In the academic year 2013 – 2014 B.Com.(CA) and M.Sc. Chemistry courses were introduced.
- In the academic year 2014 – 2015 M.Sc. Computer Science course was introduced.
- There is a steady increase of demand for M.Phil. courses and apart from that there is more demand for English Maths,, Commerce and Computer Courses at UG and PG level.

**1.5. Other relevant information:**

- **Transparent Admission Procedures:**

Our college is situated in a rural village area of low literary levels. As there been a constant increase in the receipt of the Applications for various courses, admission is done on the basis of first-come-first-served and by adopting the Government rules on community criteria and University norms in admissions.
- **Catering to students from disadvantaged communities:**

Being a rural area, most of the parents belong to agricultural background and their income level is very low. At the time of admission, the situation of such parents are considered and the management sees that no student is neglected from getting educated and certain provisions are given by the management to the students who belong to lower income level.
- **Translating the curriculum into practice:**

Our teaching methodologies translate the curriculum into simple components and it is basically remedial in nature though we do modify our method when we meet advanced learners.

# **CRITERIA - II**

## **KEY ASPECTS**

- 2.1 Student Enrolment and Profile**
- 2.2 Catering to Student Diversity**
- 2.3 Teaching-Learning Process**
- 2.4 Teacher Quality**
- 2.5 Evaluation Process and Reforms**
- 2.6 Student Performance and Learning Outcomes**

## CRITERION II

### TEACHING AND LEARNING EVALUATION

#### 2.1. Student Enrolment and profile

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

Our college adopts different modes for publicity regarding the courses offered.

Our institution displays Brochures with all the particulars like UG, PG and Research departments, University rank holders list, knowledge sources and other infrastructural facilities.

Our institution has created a website wherein all particulars such as brief history of the college, Board of Trust, other infrastructure facilities, university rank holders, conduct of National Seminars, College activities etc., are being updated regularly.

Prospectus of the college plays a crucial role in furnishing all the necessary information regarding the admission. It mainly focuses on the rules and regulations of our institution, eligibility criteria laid down by the affiliating University, fees structure, list of courses offered, special features, hostel and bus facilities.

Press and Media also proves to be a very good medium to propagate the information. Advertisement is given in prominent daily news papers which contain admission notice for the courses. Advertisement in all local TV channels is being telecasted. Hoardings are placed in important places which provides required information about the college and admission.

The institution distributes the pamphlets to the nearby higher secondary school students and public. The parents and alumnae are also recommend the institution for admission.

Transparency is maintained throughout the admission process. Our institution strictly follows the reservation policy of the State Government. Eligibility criteria for each course is followed as per the guidelines of the Directorate of Collegiate Education and affiliated University.

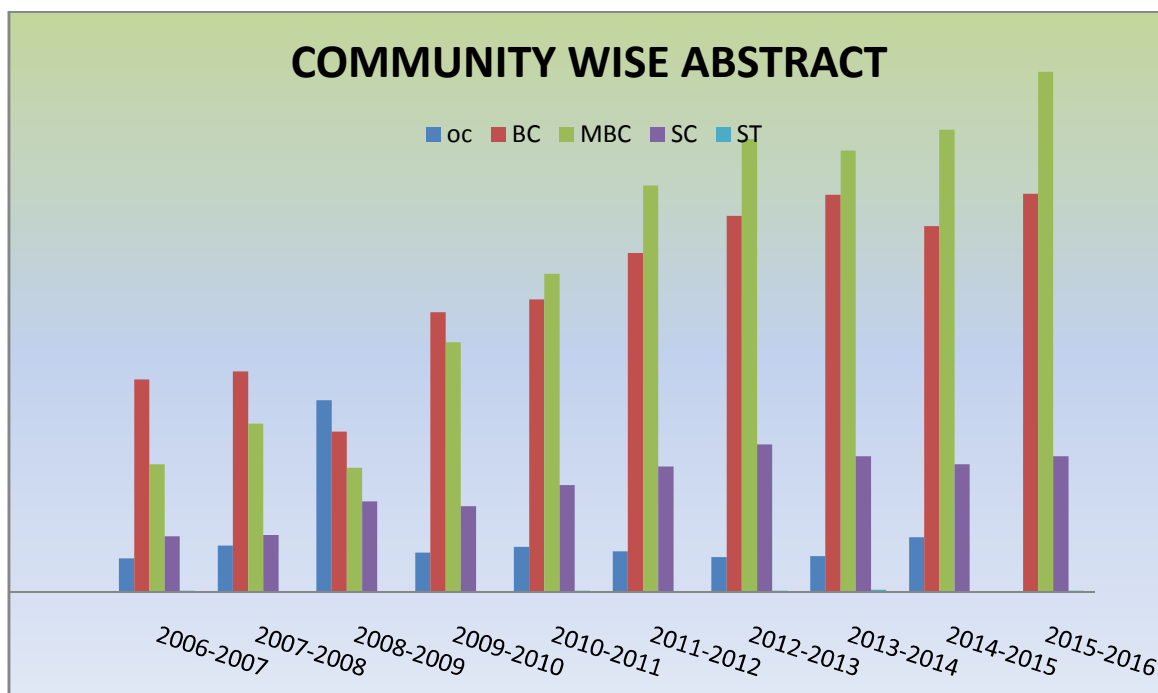
Our institution not only prefers the meritorious students but also gives equal opportunity to students who secure minimum marks. Students who are all admitted with minimum marks are moulded in such a way that they turn to be a bright student and get degree with good percentage. This moulding of students by the college has impressed the public who in turn recommend this institution at wider level.

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

Admission Process:

Our college follows the reservation policy of Government of Tamilnadu and norms prescribed by Thiruvalluvar University and an admission committee has been constituted with the Principal as the chair person and the senior faculties as the members. The committee will look after all the admissions of UG and PG courses.

| YEAR      | OC  | OBC |     | SC  | ST | Total |
|-----------|-----|-----|-----|-----|----|-------|
|           |     | BC  | MBC |     |    |       |
| 2006-2007 | 29  | 183 | 110 | 48  | 1  | 371   |
| 2007-2008 | 40  | 190 | 145 | 49  | 0  | 424   |
| 2008-2009 | 165 | 138 | 107 | 78  | 0  | 488   |
| 2009-2010 | 34  | 241 | 215 | 74  | 0  | 564   |
| 2010-2011 | 39  | 252 | 274 | 92  | 1  | 658   |
| 2011-2012 | 35  | 292 | 350 | 110 | 0  | 785   |
| 2012-2013 | 30  | 324 | 390 | 127 | 1  | 872   |
| 2013-2014 | 31  | 342 | 380 | 117 | 2  | 872   |
| 2014-2015 | 47  | 319 | 401 | 110 | 0  | 877   |
| 2015-2016 | 33  | 343 | 448 | 117 | 01 | 909   |



As the first step, applications received will be sorted according to courses offered and same will be sorted according to rank list. The information is communicated to candidates regarding admission. Reservation policy is followed as per the rules of Government of Tamilnadu.

- 2.1.3 Give the minimum and maximum percentage of marks for admission at entry level for each of the programmes offered by the college and provides a comparison with other colleges of the affiliating university with in the city/district.**

| Sl. No. | Name of the Programme         | 2013 - 2014        |                    | 2014 - 2015        |                    | 2015 – 2016        |                    |
|---------|-------------------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
|         |                               | Maximum Percentage | Minimum Percentage | Maximum Percentage | Minimum Percentage | Maximum Percentage | Minimum Percentage |
| 1       | B.A., English                 | 87.3 %             | 35 %               | 96 %               | 35 %               | 93 %               | 37 %               |
| 2       | B.C.A                         | 89 %               | 36.5 %             | 97 %               | 38.1 %             | 89 %               | 39.7 %             |
| 3       | B.Com                         | 90.3 %             | 37.8 %             | 93.6 %             | 36 %               | 98 %               | 39 %               |
| 4       | B.Com (CA)                    | 90.3 %             | 37.8 %             | 97 %               | 38.1 %             | 95.2 %             | 42.6 %             |
| 5       | B.Sc., Biochemistry           | 80 %               | 40.3 %             | 88 %               | 40.8 %             | 83.2 %             | 40.3 %             |
| 6       | B.Sc., Chemistry              | 88.2 %             | 41 %               | 91.1 %             | 41.2 %             | 82.6 %             | 43.2 %             |
| 7       | B.Sc., Computer Science       | 78.5 %             | 39 %               | 85.7 %             | 39.3 %             | 81.2 %             | 39 %               |
| 8       | B.Sc., Mathematics            | 93.1 %             | 40 %               | 96 %               | 39.7 %             | 91.7 %             | 41 %               |
| 9       | B.Sc., Microbiology           | 79.3 %             | 38.6 %             | 87.3 %             | 39.1 %             | 87.8 %             | 39.6 %             |
| 10      | B.Sc., Physics                | 79.1 %             | 42 %               | 91.8 %             | 39.8 %             | 90.1 %             | 42.5 %             |
| 11      | M.A., English                 | 67 %               | 51.5 %             | 65 %               | 50 %               | 66.7 %             | 46.1 %             |
| 12      | M.Com                         | 70 %               | 53.4 %             | 69.2 %             | 53 %               | 72 %               | 61.4 %             |
| 13      | M.Sc., Biochemistry           | 79 %               | 58 %               | 77.4 %             | 59.9 %             | 78.3 %             | 57.6 %             |
| 14      | M.Sc., Chemistry              | 76 %               | 61 %               | 75 %               | 63 %               | 82 %               | 63.5 %             |
| 15      | M.Sc., Computer Science       | --                 | --                 | --                 | --                 | 90 %               | 61 %               |
| 16      | M.Sc., Information Technology | 81 %               | 60 %               | 84 %               | 62 %               | 67 %               | 67 %               |
| 17      | M.Sc., Mathematics            | 89 %               | 59 %               | 92 %               | 52 %               | 94 %               | 54 %               |
| 18      | M.Sc., Applied Microbiology   | 76 %               | 61 %               | 74.4 %             | 66 %               | 79 %               | 61.4 %             |
| 19      | M.Sc., Physics                | 82 %               | 63 %               | 80.8 %             | 63 %               | 80.6 %             | 63.8 %             |

Admission committee prepares the rank list. But being a self financing women's college in rural area the admission is given to the candidates who are really interested in higher education even though they have secured minimum marks in HSC examination.

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

Admission Review committee scrutinizes the applications received from the candidates and monitors admission is done strictly as per eligibility criteria specified by Department Of Collegiate Education.

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

Our institution is established in one of the rural area of Thiruvanamalai district where education is low and income of the people is also comparatively low.

**SC/ST & OBC Category**

Scholarship such as Adhidraavidar welfare department, Government scholarship for BC and MBC, are recommended for our students. Measures are taken to receive their scholarship regularly so as to enable the students to utilize the same for their education. As a result there is a drastic increase from 45 to 110 students at present.

**Women**

Single Child Scholarship from Central Government and other community (Jain) based scholarships are availed for eligible students.

**Differently Abled**

Candidates who admitted under differently able categories are given all facilities including boarding and lodging. Measures are taken to see that such candidates are not given any sort of discouragement either by students or faculties. Utmost care is taken in case of such candidates and the management provides them all facilities.

**Economically Weaker Sections**

Students of this rural area belong to lower income section as most of the parents are farmers who depend on monsoon. Since this is the rural area most of the students are from government schools wherein English knowledge is poor and hence they seek admission in colleges where they can cope up with their ability. Our management provides concession in tuition fees and time relaxation for paying the fees for such economically backward students.

**Minority Community**

Minority scholarship by Central Government and farmer (Uzhavar) scholarship by the State Government are made available for eligible students.

**Others**

Bus facilities have been made and steps are taken to cover the interior areas wherein private or Government bus facilities are not available. 30 buses are running across three districts almost covering all interior areas. This had made the parents feel satisfied with regard to their daughter's safety.

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

Every year the admission for UG courses is comparatively higher as the people have realized the importance of education. Of-late most of the candidates are first generation learners. The institution every year implements a new course which has professional importance whereas job facilities are scattered in almost all the sections.

Admission in PG courses mostly goes down as the parents prefer B.Ed., and they believe that seniority will help their daughters to seek postings in government schools. As this is rural area



75% to 80% of the parents prefer to see their daughter settled in family at the end of graduation. Due to poor socio-economic background parents prefer employment rather than higher education. In spite of counselling to above, admission in PG is comparatively less in PG departments.

| DEMAND RATIO (2006 ) |                        |                              |              |              |
|----------------------|------------------------|------------------------------|--------------|--------------|
| FACULTY              | NAME OF THE PROGRAMME  | NO. OF APPLICATIONS RECEIVED | NO. ADMITTED | DEMAND RATIO |
| UG                   | Tamil                  | 30                           | 30           | 1 : 1        |
|                      | B. Com                 | 45                           | 43           | 1: 0.96      |
|                      | BCA                    | 65                           | 50           | 1: 0.77      |
|                      | Biochemistry           | 38                           | 34           | 1: 0.89      |
|                      | Computer Science       | 110                          | 100          | 1: 0.91      |
|                      | Mathematics            | 50                           | 47           | 1: 0.94      |
|                      | Microbiology           | 36                           | 35           | 1: 0.97      |
|                      | Physics                | 22                           | 22           | 1: 1         |
| PG                   | M. Com                 | 7                            | 6            | 1: 0.86      |
|                      | Biochemistry           | 17                           | 16           | 1: 0.94      |
|                      | Information Technology | 15                           | 11           | 1: 0.73      |
|                      | Mathematics            | 13                           | 13           | 1: 1         |
|                      | Microbiology           | 17                           | 16           | 1: 0.94      |
| DEMAND RATIO (2007)  |                        |                              |              |              |
| FACULTY              | NAME OF THE PROGRAMME  | NO. OF APPLICATIONS RECEIVED | NO. ADMITTED | DEMAND RATIO |
| UG                   | Tamil                  | 29                           | 28           | 1 : 0.96     |
|                      | B. Com                 | 75                           | 70           | 1: 0.93      |
|                      | BCA                    | 67                           | 51           | 1: 0.76      |
|                      | Biochemistry           | 48                           | 40           | 1: 0.83      |
|                      | Computer Science       | 80                           | 71           | 1: 0.88      |
|                      | Mathematics            | 76                           | 76           | 1: 1.1       |
|                      | Microbiology           | 46                           | 46           | 1: 1         |
| PG                   | M. Com                 | 14                           | 12           | 1: 0.85      |
|                      | Biochemistry           | 10                           | 10           | 1: 1         |
|                      | Information Technology | 15                           | 4            | 1: 0.8       |
|                      | Mathematics            | 17                           | 15           | 1: 0.93      |
|                      | Microbiology           | 20                           | 18           | 1: 0.9       |
| DEMAND RATIO (2008)  |                        |                              |              |              |
| FACULTY              | NAME OF THE PROGRAMME  | NO. OF APPLICATIONS RECEIVED | NO. ADMITTED | DEMAND RATIO |
| UG                   | Tamil                  | 28                           | 28           | 1 : 1        |
|                      | B. Com                 | 70                           | 69           | 1: 0.98      |
|                      | BCA                    | 98                           | 98           | 1: 1         |
|                      | Biochemistry           | 35                           | 31           | 1: 0.88      |

|               |                        |    |    |          |
|---------------|------------------------|----|----|----------|
|               | Computer Science       | 90 | 80 | 1: 0.88  |
|               | Mathematics            | 69 | 66 | 1: 0.95  |
|               | Microbiology           | 28 | 27 | 1: 0.96  |
|               | Physics                | 15 | 10 | 1: 1.3   |
| <b>PG</b>     | M. Com                 | 5  | 5  | 1: 1     |
|               | Biochemistry           | 18 | 17 | 1: 0.94  |
|               | Information Technology | 7  | 5  | 1: 0.71  |
|               | Mathematics            | 8  | 8  | 1: 1     |
|               | Microbiology           | 6  | 6  | 1 : 1    |
| <b>M.PHIL</b> | Biochemistry           | 8  | 8  | 1 : 1    |
|               | Computer Science       | 20 | 11 | 1 : 0.55 |
|               | Mathematics            | 4  | 4  | 1 : 1    |

**DEMAND RATIO (2009)**

| FACULTY                | NAME OF THE PROGRAMME | NO. OF APPLICATIONS RECEIVED | NO. ADMITTED | DEMAND RATIO |
|------------------------|-----------------------|------------------------------|--------------|--------------|
| <b>UG</b>              | Tamil                 | 18                           | 16           | 1 : 0.89     |
|                        | English               | 79                           | 77           | 1: 0.97      |
|                        | B. Com                | 77                           | 77           | 1: 1         |
|                        | BCA                   | 98                           | 95           | 1: 0.97      |
|                        | Biochemistry          | 36                           | 32           | 1: 0.88      |
|                        | Computer Science      | 106                          | 100          | 1: 0.94      |
|                        | Mathematics           | 150                          | 132          | 1: 1.83      |
|                        | Microbiology          | 30                           | 29           | 1: 0.97      |
|                        | Physics               | 43                           | 41           | 1: 1         |
|                        | <b>PG</b>             | M. Com                       | 20           | 19           |
| Biochemistry           |                       | 7                            | 6            | 1: 0.85      |
| Information Technology |                       | 6                            | 6            | 1: 1         |
| Mathematics            |                       | 16                           | 14           | 1 : 0.88     |
| Microbiology           |                       | 5                            | 5            | 1 : 1        |
| <b>M. Phil</b>         | Commerce              | 15                           | 4            | 1 : 1        |
|                        | Biochemistry          | 11                           | 10           | 1 : 0.9      |
|                        | Computer Science      | 25                           | 25           | 1 : 1        |

**DEMAND RATIO (2010)**

| FACULTY   | NAME OF THE PROGRAMME | NO. OF APPLICATIONS RECEIVED | NO. ADMITTED | DEMAND RATIO |
|-----------|-----------------------|------------------------------|--------------|--------------|
| <b>UG</b> | Tamil                 | 29                           | 29           | 1 : 1        |
|           | English               | 80                           | 77           | 1: 0.96      |
|           | B. Com                | 77                           | 75           | 1: 0.97      |
|           | BCA                   | 70                           | 68           | 1: 0.97      |
|           | Biochemistry          | 38                           | 30           | 1: 0.78      |
|           | Chemistry             | 50                           | 50           | 1: 1         |
|           | Computer Science      | 114                          | 110          | 1: 0.96      |

|                             |                              |                                     |                     |                     |
|-----------------------------|------------------------------|-------------------------------------|---------------------|---------------------|
|                             | Mathematics                  | 141                                 | 139                 | 1: 0.98             |
|                             | Microbiology                 | 32                                  | 31                  | 1: 0.96             |
|                             | Physics                      | 40                                  | 38                  | 1: 0.95             |
| <b>PG</b>                   | M. Com                       | 20                                  | 18                  | 1: 0.9              |
|                             | Biochemistry                 | 9                                   | 8                   | 1: 0.89             |
|                             | Information Technology       | 17                                  | 16                  | 1 : 0.94            |
|                             | Mathematics                  | 7                                   | 6                   | 1 : 0.86            |
|                             | Microbiology                 | 23                                  | 21                  | 1 : 0.91            |
| <b>M. Phil</b>              | Commerce                     | 9                                   | 9                   | 1 : 1               |
|                             | Computer Science             | 25                                  | 18                  | 1 : 0.72            |
| <b>DEMAND RATIO (2011 )</b> |                              |                                     |                     |                     |
| <b>FACULTY</b>              | <b>NAME OF THE PROGRAMME</b> | <b>NO. OF APPLICATIONS RECEIVED</b> | <b>NO. ADMITTED</b> | <b>DEMAND RATIO</b> |
| <b>UG</b>                   | Tamil                        | 35                                  | 30                  | 1 : 1.07            |
|                             | English                      | 83                                  | 77                  | 1: 0.92             |
|                             | B. Com                       | 84                                  | 77                  | 1: 0.91             |
|                             | BCA                          | 103                                 | 98                  | 1: 0.95             |
|                             | Biochemistry                 | 50                                  | 49                  | 1: 0.06             |
|                             | Chemistry                    | 61                                  | 55                  | 1: 0.90             |
|                             | Computer Science             | 120                                 | 110                 | 1: 0.91             |
|                             | Mathematics                  | 140                                 | 137                 | 1: 0.97             |
|                             | Microbiology                 | 30                                  | 22                  | 1: 0.73             |
|                             | Physics                      | 55                                  | 55                  | 1: 1                |
| <b>PG</b>                   | M. Com                       | 20                                  | 19                  | 1: 0.95             |
|                             | Biochemistry                 | 7                                   | 4                   | 1: 0.57             |
|                             | Information Technology       | 6                                   | 4                   | 1 : 0.66            |
|                             | Mathematics                  | 30                                  | 28                  | 1 : 0.93            |
|                             | Microbiology                 | 13                                  | 13                  | 1 : 1               |
| <b>M. Phil</b>              | Commerce                     | 5                                   | 4                   | 1 : 0.8             |
|                             | Biochemistry                 | 7                                   | 5                   | 1 : 0.71            |
|                             | Computer Science             | 20                                  | 15                  | 1 : 0.75            |
|                             | Mathematics                  | 20                                  | 4                   | 1 : 0.9             |
|                             | Microbiology                 | 9                                   | 8                   | 1 : 0.88            |
| <b>DEMAND RATIO (2012)</b>  |                              |                                     |                     |                     |
| <b>FACULTY</b>              | <b>NAME OF THE PROGRAMME</b> | <b>NO. OF APPLICATIONS RECEIVED</b> | <b>NO. ADMITTED</b> | <b>DEMAND RATIO</b> |
| <b>UG</b>                   | Tamil                        | 32                                  | 31                  | 1 : 0.96            |
|                             | English                      | 80                                  | 77                  | 1: 0.96             |
|                             | B. Com                       | 82                                  | 76                  | 1: 0.92             |
|                             | BCA                          | 111                                 | 108                 | 1: 0.97             |
|                             | Biochemistry                 | 60                                  | 55                  | 1: 1.48             |
|                             | Chemistry                    | 62                                  | 55                  | 1: 0.72             |
|                             | Computer Science             | 114                                 | 110                 | 1: 0.96             |

|                            |                              |                                     |                     |                     |          |
|----------------------------|------------------------------|-------------------------------------|---------------------|---------------------|----------|
|                            | Mathematics                  | 139                                 | 126                 | 1: 0.90             |          |
|                            | Microbiology                 | 54                                  | 50                  | 1: 0.92             |          |
|                            | Physics                      | 59                                  | 55                  | 1: 0.93             |          |
| <b>PG</b>                  | English                      | 21                                  | 21                  | 1: 0.7              |          |
|                            | M. Com                       | 30                                  | 27                  | 1: 1.58             |          |
|                            | Biochemistry                 | 10                                  | 10                  | 1 : 1               |          |
|                            | Chemistry                    | 12                                  | 12                  | 1 : 1               |          |
|                            | Information Technology       | 5                                   | 4                   | 1 : 0.8             |          |
|                            | Mathematics                  | 15                                  | 14                  | 1 : 0.93            |          |
|                            | Microbiology                 | 6                                   | 5                   | 1 : 0.83            |          |
|                            | Physics                      | 13                                  | 12                  | 1 : 0.92            |          |
|                            | <b>M. Phil</b>               | Commerce                            | 12                  | 9                   | 1 : 0.75 |
|                            |                              | Biochemistry                        | 5                   | 5                   | 1 : 1    |
| Computer Science           |                              | 12                                  | 10                  | 1 : 0.83            |          |
| Microbiology               |                              | 15                                  | 4                   | 1 : 0.67            |          |
|                            | Mathematics                  | 26                                  | 21                  | 1 : 0.80            |          |
| <b>DEMAND RATIO (2013)</b> |                              |                                     |                     |                     |          |
| <b>FACULTY</b>             | <b>NAME OF THE PROGRAMME</b> | <b>NO. OF APPLICATIONS RECEIVED</b> | <b>NO. ADMITTED</b> | <b>DEMAND RATIO</b> |          |
| <b>UG</b>                  | English                      | 80                                  | 73                  | 1 : 0.91            |          |
|                            | B. Com                       | 78                                  | 77                  | 1: 0.98             |          |
|                            | BCA                          | 119                                 | 108                 | 1: 0.90             |          |
|                            | Biochemistry                 | 49                                  | 49                  | 1: 1                |          |
|                            | Chemistry                    | 58                                  | 53                  | 1: 0.91             |          |
|                            | Computer Science             | 120                                 | 110                 | 1: 0.92             |          |
|                            | Mathematics                  | 149                                 | 146                 | 1: 0.98             |          |
|                            | Microbiology                 | 58                                  | 48                  | 1: 0.83             |          |
|                            | Physics                      | 59                                  | 55                  | 1: 0.93             |          |
| <b>PG</b>                  | English                      | 9                                   | 8                   | 1: 0.88             |          |
|                            | M. Com                       | 13                                  | 13                  | 1: 1                |          |
|                            | Biochemistry                 | 4                                   | 4                   | 1: 1                |          |
|                            | Chemistry                    | 12                                  | 12                  | 1 : 1               |          |
|                            | Information Technology       | 4                                   | 4                   | 1 : 1               |          |
|                            | Mathematics                  | 29                                  | 29                  | 1 : 1               |          |
|                            | Microbiology                 | 7                                   | 6                   | 1 : 0.85            |          |
|                            | Physics                      | 13                                  | 12                  | 1 : 0.92            |          |
| <b>M. Phil</b>             | Commerce                     | 6                                   | 5                   | 1 : 1               |          |
|                            | Biochemistry                 | 5                                   | 5                   | 1 : 1               |          |
|                            | Computer Science             | 18                                  | 15                  | 1 : 0.83            |          |
|                            | Microbiology                 | 7                                   | 7                   | 1 : 1               |          |
|                            | Mathematics                  | 25                                  | 18                  | 1 : 0.72            |          |

| DEMAND RATIO (2014) |                        |                              |              |              |
|---------------------|------------------------|------------------------------|--------------|--------------|
| FACULTY             | NAME OF THE PROGRAMME  | NO. OF APPLICATIONS RECEIVED | NO. ADMITTED | DEMAND RATIO |
| UG                  | English                | 81                           | 77           | 1 : 0.95     |
|                     | B. Com                 | 83                           | 77           | 1: 0.92      |
|                     | B.Com( CA)             | 71                           | 70           | 1: 0.98      |
|                     | BCA                    | 117                          | 108          | 1: 0.92      |
|                     | Biochemistry           | 58                           | 55           | 1: 0.94      |
|                     | Chemistry              | 58                           | 55           | 1: 0.94      |
|                     | Computer Science       | 116                          | 110          | 1: 0.94      |
|                     | Mathematics            | 157                          | 154          | 1: 0.98      |
|                     | Microbiology           | 55                           | 55           | 1: 1         |
|                     | Physics                | 60                           | 55           | 1: 0.91      |
| PG                  | English                | 13                           | 12           | 1: 0.92      |
|                     | M. Com                 | 17                           | 17           | 1: 1         |
|                     | Biochemistry           | 5                            | 4            | 1 : 0.8      |
|                     | Chemistry              | 15                           | 13           | 1 : 0.86     |
|                     | Information Technology | 12                           | 11           | 1 : 0.91     |
|                     | Mathematics            | 23                           | 23           | 1 : 1        |
|                     | Microbiology           | 6                            | 6            | 1 : 0.92     |
|                     | Physics                | 13                           | 11           | 1 : 0.84     |
| M. Phil             | Commerce               | 7                            | 6            | 1 : 1        |
|                     | Biochemistry           | 5                            | 5            | 1 : 1        |
|                     | Computer Science       | 27                           | 10           | 1 : 0.37     |
|                     | Microbiology           | 3                            | 3            | 1 : 1        |

## 2.2. Catering to Student Diversity

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

Differently abled students are given all facilities without differentiating them from normal candidates. The scholarship declared by the Government of India is utilized by those candidates. As per the Tamilnadu government Reservation policy of 3% of such candidates is provided admissions by the management. Every support is given to them through all possible modes.

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

To bridge the gap between the Higher Secondary school education to higher collegiate education the new comers are trained with Soft skill development programmes, Language learning programmes, Intensive remedial measures etc.

Proper attention is given to the students regarding the utilization of library as a part of the study. Students are given time to use the library in the best way.

### 2.2.3. What are the strategies adopted by the institution to bridge the knowledge gap of the enrolled students to enable them to cope with the programme of their choice?

Orientation course is given to all first year students in order to motivate them to come out of the complex and shy in all aspects. Games and mental activities are conducted in such classes which enable the students to build up their mental abilities. They are also enriched with sufficient knowledge which helps them to face competitive examinations.

By means of entrepreneurship club, Eco club and Yoga, students are focused to promote on self employment, healthy environment and healthy mind. Practices are given to them by experts and at the end of the course they are trained to enrich themselves in the above.

Spoken English is developed by the means of English Communication lab. Students are motivated to read English Magazines regularly to improve their vocabulary skills.

Slow learners are given more importance and their skills are developed by the means of counselling, slip test, extra notes, extra coaching, revision etc.

Regular class test, Model Examination, seminars and Assignments are given to the students and result of the same is intimated to their parents and counselling is given to parents to motivate their daughters. The management encourages the students by means of awarding them with certificates proficiency prizes, medals, shields and gifts. This creates healthy competition among students which in turn makes all the students to develop themselves.

Carrier guidance cell is created and final year candidates are given much preference in preparing their resumes and to face interview board, coaching for competitive exams, workshops on latest computer technology like android etc. is given.

Regular placements are conducted every year. Efficient candidates are encouraged by the management. Both parents and students are given counselling to utilize such opportunity. Safety measures are taken by the management to invite reputed companies.

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

Being a Women's college, gender problem doesn't arise. Students are observed keenly by the faculties with restriction to their discipline in public and measures are taken to inform their parents if necessity arises and even students are advised to adhere strict discipline. They are given counselling by experts in this regard by quoting many examples of those who have faced difficulties by choosing wrong path at an early age. They are motivated about the importance of education and awareness is given to them as to how they have to face the society.

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

Every year workshops, seminars (National Conferences) are conducted within the campus in all the departments by inviting resource persons from various universities and colleges. Students are motivated to present papers and posters. Students are also taken to other colleges when such opportunities are given by other colleges. Industrial visits are organized in order to have broader idea about the course.

Various competitions are conducted within the campus and the best are selected to participate in intercollegiate competitions also.

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

The tutorial ward system is implemented. It is the responsibility of the tutor to monitor their students and the management supports the tutors in all respective manners in order to maintain a perfect relationship between the tutor and students. The grievance cell is functioning wherein they are analyzed perfectly and steps are taken to rectify the grievances of the students. Certain problems which can be solved by the tutor are done immediately. At times the Head of the Institution and the management also monitor the students and see that a healthy environment is provided for the students to have a perfect education.

### **2.3. Teaching Learning Process**

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

Academic calendar is prepared with all important events such as functions, exams and holidays. Apart from the above the details regarding management, principal, staff and courses are also printed in the calendar. Important days are also highlighted in the calendar so as to enable the students to know about the same.

Subjects are allocated to staff members as per the work load norms depending on their experience and interest. Schedule is given to the staff members well in advance so that they prepare and organize the classes. Every year it is seen that the same paper is not allotted to the same staff, so that all the staff members are given chance to know about the entire syllabus of the department. Certain complicated papers which needs special attention is given to the experienced staff. Syllabus of the first year is mostly handled by senior faculties or Heads.

All the faculties prepare lesson plan for the month and it is the duty of the Head of the Department to see that the schedule is correctly followed and the same is submitted to the Head of the Institution at the end of the month.

The lesson plan is prepared along with the instructional hours and subject codes as per university norms. The faculties are expected to make alternative arrangement during their absence in leave application itself.

Learning process includes classroom lectures, demonstrations and practical, PPT, OHP and other related modes. Students are focused with group discussion and class room observation. Industrial visit are regularly organized with orientation to their subjects which in turn helps them to have wider knowledge in subject. Regularly slip test, model exams, continuous internal assessment, assignments and seminars are conducted and regular evaluation of the same is done by the concerned staff. The same is entered in the continuous assessment register. At the end of the semester, as per university instruction, Head and staff incharge decide the blue print of continuous internal assessment test and the same is authorized by the Principal.

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

IQAC has recommended to transit from conventional method to media centric method of teaching which includes utilization of National mission on education through Information and Communication Technology, National programme on Technology Enhanced Learning, Shakath Virtual Laboratory, Consortium for Educational Communication, Live telecast via Vyas Higher Education Channel under UGC - CEC, Educational multimedia research centre, Soft skill programme to improve the teaching learning process.

IQAC also has recommended tutorial ward system. The tutor is in charge for preparing the log book which includes the personal details, their academic performance, health etc. of all the candidates allocated to them. Every month a report is submitted to Head of the institution regarding counselling done to their students and how the students have developed with all aspects.

It is the duty of the tutor to monitor their wards with respect to the academic performance and give special attention to the students who are trailing behind in their studies by clearly monitoring the drawbacks. Accordingly she has to discuss with other staff members and see the student develops herself. Arrear candidates are motivated by the tutor and necessary steps are taken to clear the papers.

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

The infrastructure of the college is well equipped with many computers for which internet facility is given. The entire science laboratories are well equipped with necessary equipments as per the syllabus. Students are motivated to present papers and attend conferences, workshops and seminars. They are motivated to participate in various inter collegiate competitions.

The staff members are advised to be more interactive with the students in the classrooms. The interaction between the students should be in the form of raising and answering the question, discussions and debate. Leadership quality is developed among the students and they are motivated to lead their students.

The students are made to read on their own, write essays, develop their skills and their innovative talents are made to boost up.

Students are made to discuss by the means of group discussion and debate in relevant topic which in turn make all the students to come out of their ideas and suggestions. This enables a active participation.

Seminars, projects, presentations and models are done by the students with their own effort. Soft skills development classes are organized in order to make students to practice and learn how to face the interviews. Aptitude test and reasoning test are organized regularly either by tutors or by the subject orientated staff members in order to make the students active.

Students are given instruction on the importance of preparing notes either by means of library reference or by websites. Topics for seminars and assignments are carefully monitored for self learning. Usage of internet, NLIST and other relevant e-resources are highlighted for the usage for taking reference.

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

Students are encouraged for group discussion, literary debates and aptitude test by all departments. The management appreciates the students who participate in departmental activities and encourages them by issuing merit certificates and prizes during college day function.

The Fine Arts Association is formed in the college, and the steps are taken to analyze the talents of the students by organizing competitions.

Science exhibitions are conducted where in students display various models which are relevant to the given topics and the best is selected by invited resource persons from other colleges. Poster presentation and paper presentation on scientific topics is conducted regularly in accordance to National science day celebrations.

### **2.3.5. What are the technologies and facilities available and used by the faculty for effective teaching?**

Video lectures of NPTEL programmes are arranged periodically in the seminar hall.



Live video lectures from consortium for education and communication were telecasted regularly via [www.webcast.gov.in/vyaslive](http://www.webcast.gov.in/vyaslive) under UGC - CEC.

National mission on education through Information and Communication Technology are implemented.

Animation videos and Practical demonstration were visually made available to the students through Shakshat Virtual laboratories.

Information and library network (INFLIBNET) facilities are made available for all students and staffs.

The faculties are instructed to take class more effectively by means of OHP and LCD Projectors.

English language lab is provided and all the students are instructed to attend the lab for a week and train language skills and pronunciation by means of head phones.

Apart from above mentioned facilities e-sources are available in the library. Both staff and students are motivated to access the e-journals, magazines and e-books.

Internet facility is provided in the library and the PG and Research students are permitted to access NET facilities for their research purpose.

### **2.3.6. How are the students and faculty exposed to advanced level of knowledge and skills?**

The PG students are made to interact with staff members to discuss on various topics which are relevant to their syllabus and project. Paper presentations are expected from the students under the guidance of the staff. The management initiates steps to get ISBN numbers for the relevant presentation.

Demonstrations are given by the staff members of the science department for the usage of all equipment with regards to their practical.

All the departmental associations conduct regular seminar and workshop in order to enable the students to have a wider knowledge in learning environment the resource persons are invited and topics are selected in such a way that students are given a better idea to their higher studies.

### **2.3.7. Detail on the academic, personal and psycho-social support and guidance services provided to students?**

The tutorial ward system plays an important role in the academic development of the students. They continuously support the slow learners and encourage them by the means of extra coaching and slip tests. The reappearing candidates are given more motivation to achieve success.

PG and Research students are encouraged to take classes for UG students which in turn will help them to overcome the stage fear. All the departments are asked to prepare study material and question bank and to circulate them to students, in order to ensure better results.

The institution is easily accessible with the parents and regularly parents are invited either to discuss about academic performance of the student or of their individual behaviour. At times counselling is given to parents also as most of the parents are uneducated. It becomes the responsibility of the staff members to see that the students not to go in a wrong path.

The management supports the parents who approach them for financial assistance.

The tutorial ward system enables to have a close relationship with the student and whenever a student needs assistance with regard to the personal problems and the same is rectified either by the tutor or by the Principal. Whenever the parent or student approach the head of the institution

to discontinue the studies, the head of institution and the management do their utmost best to see that the student continues her studies by giving all support.

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

The management has given as strong foundation by equipping all the labs with all sorts of equipments which are relevant to the syllabus. Atmost care is taken by the management to add more number of equipments for research purpose.

UPS and internet connections are given to computer labs.

Language lab is almost used by all the students to develop the communication skills.

**2.3.9. How are library resources used to augment the teaching-learning process?**

Library is well equipped with all sorts of books, magazines and journals. Net facility is provided, staff and students utilize the net facility to activate e-journals, e-books and browsing is also available. Especially PG students and M.Phil scholars are advised to utilize the library for preparing notes.

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

We have not come across any difficult challenge in the past years in completing the syllabus.

**2.3.11. How does the institution monitor and evaluate the quality of teaching learning?**

The head of the institution gives regular visit to all the classes and monitor that classes are managed properly. The head of the departments are in charge to go rounds and record a report regarding the inspection of classes. Whenever the head of the institution finds fault that the classes are not taken properly the correct instruction is given to the staff members for smooth conduction of classes.

All the staff members are asked to submit the lesson plan regular test marks and counselling note to the head of the institution within the first week of every month. This helps the head of the institution to monitor the teaching learning process regularly.

When the university results are declared the management and the head of the institution meet the staff members to discuss their individual results and instructions are provided accordingly.

Grievance cell is adopted in the college and the head of the institution with four senior faculty members discuss and with the help of the management the same is solved. Monthly feed-back is invited from the students with regard to the teaching process. Regular conduction of test helps to evaluate the students and necessary steps are taken to rectify the weakness of the students by motivating the staff as to how they have to manage with students.

**2.4. Teacher quality**

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

| HIGHEST QUALIFICATION     | PROFESSORS |        | ASSOCIATE PROFESSOR |        | ASSISTANT PROFESSOR |        | TOTAL |
|---------------------------|------------|--------|---------------------|--------|---------------------|--------|-------|
|                           | MALE       | FEMALE | MALE                | FEMALE | MALE                | FEMALE |       |
| <b>Permanent Teachers</b> |            |        |                     |        |                     |        |       |
| D.Sc./D.Lit               |            |        |                     |        |                     |        |       |
| Ph.D                      |            |        |                     |        | 1                   | 5      | 6     |
| M.Phil.,                  |            |        |                     |        | 7                   | 61     | 68    |
| PG                        |            |        |                     |        | 3                   | 22     | 25    |
| <b>Temporary Teachers</b> |            |        |                     |        |                     |        |       |
| D.Sc./D.Lit               |            |        |                     |        |                     |        |       |
| Ph.D                      |            |        |                     |        |                     |        |       |
| M.Phil.,                  |            |        |                     |        |                     |        |       |
| PG                        |            |        |                     |        |                     | 4      | 4     |

Advertisement is placed in all leading news papers in the month of March every year. Registered candidates are called for interview during the month of May. The recruitment committee selects the faculty by means of academic qualification, written test, demo and personal interview.

## RETENTION

The management does not compel any of the staff members to resign. Resignation is accepted under voluntary basis. The management considers the staff as permanent and includes them for eligibility of provident fund. Every year increment is given. The management takes concern and care in the welfare of the staff. Certain staff members who are from distant places are given free boarding. Staff members who have completed ten months of service are eligible for vacation salary. Maternity leave facility is given for staff members. Staff members who are eligible for examinership are given 15 days of leave on duty. Permission is given for staff members who interested in attending seminars and conferences. They are even encouraged for doing research. Orientation program is organized by the management which enables a smooth relationship among all staff members.

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

Necessary qualified teachers were appointed when and where it was required.

Our institution is a self financing college for women in Thiruvannamalai district. Staff members are encouraged to bring out their extreme talent and promote academic progress. Since the working atmosphere is pleasant and hence many staff members from various districts around Tamilnadu are pleased to work in this institution.

Salary is structured on the basis of qualification and experience. Staffs are motivated to attend various workshops in order to gain knowledge to handle new courses and subjects like EVS and soft skill.

### Outcome

Departments of Bio, Micro, Maths, and Commerce and Computer Science attained research status. Every year a new course is added which has a sound professional background either in UG or PG level.

| S.NO | YEAR      | COURSE                               |
|------|-----------|--------------------------------------|
| 1    | 2006-2007 | M.Sc., Food & Nutrition              |
| 2    | 2008-2009 | B.Sc., Information System Management |
| 3    | 2009-2010 | B.A., English                        |
| 4    | 2010-2011 | B.Sc., Chemistry                     |
| 5    |           | M.Phil., Bio Chemistry               |
| 6    |           | M.Phil., Computer Science            |
| 7    |           | M.Phil., Maths                       |
| 8    | 2011-2012 | M.Phil., Microbiology                |
| 9    |           | M.Phil., Commerce                    |
| 10   | 2012-2013 | M.Sc., Physics                       |
| 11   |           | M.A., English                        |
| 12   | 2013-2014 | M.Sc., Chemistry                     |
| 13   | 2014-2015 | B.Com (C.A)                          |
| 14   |           | M.Sc., Computer Science              |

Care is taken while appointing the staff members. Notes of lesson and log book is monitored every month by the Head of the institution in order to develop the efficiency of students. Feedback plays a vital role to evaluate the efficiency of the staff members.

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

**a.) Nomination of staff development Programmes**

| Academic Staff Development Programmes                    | Number of faculty nominated |
|--|-----------------------------|
| <b>Refresher Courses</b>                                 |                             |
| <b>HRD programmes</b>                                    |                             |
| <b>Orientation Programmes</b>                            |                             |
| <b>Staff training Conducted by the University</b>        | 5                           |
| <b>Staff training Conducted by the other institution</b> | 180                         |
| <b>Summer /Wint Schools, Work shop etc</b>               |                             |

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

The college has organized orientation programs for all faculties with the collaboration of ASSET during 2011 – 2012 and 2014 – 2015.

- c.) **Invited as resource persons in workshops/Seminars/Conferences organized by external professional agencies**

| S.NO | NAME & DESIGNATION  | TOPIC   | ORGANISING AGENCY   |
|------|---|---|---|
| 1    | Mr. S. Selvakumar<br>Head & Assistant Professor<br>Department of Physics  | Right to Information Act  | Bharat Nirman<br>Ministry of Information<br>Broad Casting |
| 2    | Ms. J. Sujatha<br>Assistant Professor<br>Department of<br>Microbiology    | Food security<br>Bill   | Bharat Nirman<br>Ministry of Information<br>Broad Casting |
| 3    | Mr. P.Nithyakumar<br>Assistant Professor<br>Department of English         | English Language<br>Teaching                                      | Sarva shiksha Abhiyan,<br>Vandavasi                       |
| 4    | Ms.K.Padmaloohana<br>Assistant Professor<br>Department of<br>Biochemistry | National seminar<br>organized by<br>department of<br>Biochemistry | KMG college of Arts &<br>Science, Gudiyattam              |

- d.) **Presented and Participated in external workshops/ Seminars/ Conference/ recognized by national/ international professional bodies.**

|  |     |
|--|-----|
| Faculties Participated<br>in Work Shop Seminar     | 72% |
| Faculties Presented<br>papers in Work Shop Seminar | 48% |

#### 2.4.4. What policies/systems are in place to recharge teachers?

Permission is given for staff members to do their research or higher studies. On duty is given to attend and represent in seminars, conference and workshops aid other academic works. The college organizes refreshers course for all faculties with the collaboration of ASSET during 2011 – 2012 and 2014 – 2015.

#### FACULTY DEVELOPMENT CLASSES

| S.NO | TOPIC              | RESOURCE PERSON  |
|------|--------------------|--|
| 1    | Builder of Destiny | Mr. J. C. Vishnu Kumar<br>Deputy General Manager<br>Neyveli Lignite Corporation<br>Neyveli |

|   |  |   |
|---|--|---|
| 2 | Class room management and effective comm technique | Dr. SaravanaSelvan<br>Head & Professor<br>Department of Foreign Languages<br>Bharathiyar University<br>Coimbatore |
| 3 | Team Spirit  | Mr. R. Saravanan<br>Soft Skill Trainer<br>ASSET Organisation<br>Vandavasi   |
| 4 | Be an Aspective Leader                             | Mr. V.S. Thalapathi<br>Soft Skill Trainer<br>ASSET Organisation<br>Vandavasi                                      |
| 5 | Communication Skills                               | Mr. JC. Raman<br>Soft Skill Trainer<br>Mailaduthurai  |
| 6 | Inter Personal Relation Ship                       | Mr. R. N. Ramakrishnan<br>Assistant Professor<br>St. Joseph College of Education<br>Jolarpettai                   |
| 7 | Teaching Techniques & Ten Commandments             | Prof. RatnaNatrajan<br>Leading Trainer<br>ASSET Organisation<br>Vandavasi   |

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

Three faculties from Department of Tamil namely Mrs.M. Gnanamalar, Mrs. A. Kalaivani & Mrs. S. Krishnakumari were honored as Tamil Chemal award by Kanchi Kamakodi Peedam.

One faculty from Department of Biochemistry Mrs. J. Kalaimathi has received Dr. Radhakrishnan Gold Medal Award from “Global Economic Progress & Research Association (GEPR).” For specialisation in education and doing yeoman service.

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

Regularly feedback is received from the students regarding the performance of the teacher. The same is viewed by the heads of the department and steps are taken to rectify the drawbacks. Regularly head of institution visits all the classrooms and monitors the class room management skill.

**2.5. Evaluation process and Reforms**

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

The first years are given instructions regarding the evaluation process of university and about CBCS pattern so that they will have an idea of how to face an exam and the same instructions are

also given by the tutors regularly. Class tutors also explain about the scheme of examination and prepare the students to face the University exams well in advance.

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

The university has introduced CBCS pattern under which the marks are splitted as an internal (25) and as external (75). The internal marks are given on the basis of regular test pattern, seminar and assignment suggested by the university.

Every month tests are conducted and the final test will be the model examination and the internal marks will be awarded. All the monthly marks are included in computing final internal marks (25). The evaluated answer scripts are distributed to the students and care is taken by all the staffs to discuss about progress of the students and also suggestion are given, how the student should answer.

The internal marks are finally sent to the university and the same is also intimated to the parents and sometimes parents are invited to discuss about the progress of the students with the head of the department.

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

The answer scripts are evaluated by the means of central valuation organized by the university. Valuation process is under taken by the short meeting by the Board members regarding the scheme of valuation. Board of members again meet to discuss about the passing percentage and also suggests to the university if any changes are to be done either in valuation process or in syllabus pattern. On declaring the result the institution along with its staff and students contact the university for certain discrepancy and if necessary or if the student felt that marks given to them is not up to their expectation, they are suggested either to apply for revaluation or for photo copy. The university in turn do their best for grievances.

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

Under formative evaluative system CIA marks are designed by the institution as per the university norms and the semester exams are considered to be the summative evaluation system.

The soft skill paper is mingled with the foundation paper and communication English is developed by the means of this process.

The above mentioned system had an impact in our institution by securing many university ranks as follows

**UNIVERSITY RANK HOLDERS**

**RANK HOLDERS OF THE YEAR 2006**

| S.NO | NAME           | DEPARTMENT      | RANK |
|------|----------------|-----------------|------|
| 1    | SRIDEVID       | BOTANY          | 1    |
| 2    | GEETHAPRIYA.G  | BIO-INFORMATICS | 1    |
| 3    | MANGALAKSHMI.K | B.C.A.,         | 2    |
| 4    | RAJESWARI.K    | TAMIL           | 2    |

|    |                 |                        |   |
|----|-----------------|------------------------|---|
| 5  | NITHYA.S        | BIOCHEMISTRY           | 3 |
| 6  | SARALA.J        | COMPUTER SCIENCE       | 3 |
| 7  | UMA MAGESWARIS  | MICROBIOLOGY           | 4 |
| 8  | PRAMILA.C.S     | BIOCHEMISTRY           | 5 |
| 9  | KAVITHA.E       | MICROBIOLOGY           | 5 |
| 10 | KARTHIGA.T      | NFSM & D               | 5 |
| 11 | SATHIYA.A       | TAMIL                  | 6 |
| 12 | VIJAYALAKSHMI.R | TAMIL                  | 7 |
| 13 | BANUPRIYA.P     | B.C.A.,                | 8 |
| 14 | SRIMATHI.Y      | INFORMATION TECHNOLOGY | 8 |
| 15 | DHANALAKSHMI.N  | TAMIL                  | 9 |
| 16 | JEEVITHA.B      | MICROBIOLOGY           | 9 |

**RANK HOLDERS OF THE YEAR 2007**

| S.NO | NAME              | DEPARTMENT             | RANK |
|------|-------------------|------------------------|------|
| 17   | THILSHATH BEGAM.I | INFORMATION TECHNOLOGY | 2    |
| 18   | SILVIA CHRISTY .K | BIOCHEMISTRY           | 3    |
| 19   | NIRANYA.K         | NFSM & D               | 3    |
| 20   | BANGARAMMAL.K     | BIOCHEMISTRY           | 3    |
| 21   | MALATHY.S         | BOTANY                 | 4    |
| 22   | HEMAVATHI.R       | MATHEMATICS            | 4    |
| 23   | SUREKHA.T.R       | INFORMATION TECHNOLOGY | 5    |
| 24   | SASIREKHA.R       | MICROBIOLOGY           | 6    |
| 25   | SOWMIYA.S         | NFSM & D               | 7    |
| 26   | SUMATHI.E         | MATHEMATICS            | 7    |
| 27   | GAYATHRI.R        | NFSM & D               | 8    |
| 28   | SHARMILA.V        | BIOCHEMISTRY           | 9    |

**RANK HOLDERS OF THE YEAR 2008**

| S.NO | NAME      | DEPARTMENT   | RANK |
|------|-----------|--------------|------|
| 29   | MOHANA.L  | MATHEMATICS  | 1    |
| 30   | THULASI.D | BIOCHEMISTRY | 2    |
| 31   | AGILA.V   | BIOCHEMISTRY | 2    |



|    |                |                        |    |
|----|----------------|------------------------|----|
| 32 | KANIMOZHLS     | BOTANY                 | 3  |
| 33 | JANSLP         | COMPUTER SCIENCE       | 3  |
| 34 | ANANDHIA       | FOOD AND NUTRITION     | 5  |
| 35 | VIJAYALAKSHMLS | BOTANY                 | 6  |
| 36 | BANUPRIYA.T    | NFSM & D               | 6  |
| 37 | JEEVITHA.P.M   | INFORMATION TECHNOLOGY | 6  |
| 38 | PRIYA.K        | NFSM & D               | 7  |
| 39 | AMBIKA.D       | BOTANY                 | 8  |
| 40 | KAVITHA.V      | BIOCHEMISTRY           | 9  |
| 41 | NATHIYA.G      | B.C.A.,                | 9  |
| 42 | SUDHA.M        | COMPUTER SCIENCE       | 9  |
| 43 | GAYATHRI.P     | BIOCHEMISTRY           | 9  |
| 44 | PRIYADEVI.B    | FOOD AND NUTRITION     | 9  |
| 45 | HEMAMALINI.P   | FOOD AND NUTRITION     | 10 |
| 46 | BANUPRIYA.P    | INFORMATION TECHNOLOGY | 10 |

**RANK HOLDERS OF THE YEAR 2009**

| S.NO | NAME                | DEPARTMENT           | RANK |
|------|---------------------|----------------------|------|
| 47   | SHAMUNDESWARI.P     | BOTANY               | 1    |
| 48   | JAYABHARATHI.J      | PHYSICS              | 1    |
| 49   | SAKTHIUMAMAHESWARIL | FOOD AND NUTRITION   | 1    |
| 50   | SADHANA.S           | BOTANY               | 2    |
| 51   | RAJALAKSHMLS        | B.A., TAMIL          | 2    |
| 52   | PRIYA.P             | APPLIED MICROBIOLOGY | 2    |
| 53   | INDUMATHI.T         | FOOD AND NUTRITION   | 2    |
| 54   | SUGANYA.E           | BOTANY               | 3    |
| 55   | PRIYADHARSHINI.K    | PHYSICS              | 3    |
| 56   | DHANABAKKIYAM.R     | B.A., TAMIL          | 3    |
| 57   | REVATHI.R           | FOOD AND NUTRITION   | 3    |
| 58   | BHAVANI.K           | MATHEMATICS          | 3    |
| 59   | RAJALAKSHMI.M       | NFSM & D             | 4    |
| 60   | NISHA.P             | APPLIED MICROBIOLOGY | 4    |
| 61   | BAWANI.N            | NFSM & D             | 5    |
| 62   | USHA NANDINI.P      | MATHEMATICS          | 5    |
| 63   | NATHIYA.V           | BOTANY               | 6    |
| 64   | KANIMOZHI.D         | PHYSICS              | 6    |
| 65   | HEMALATHA.R         | BIOCHEMISTRY         | 6    |

|    |               |                      |   |
|----|---------------|----------------------|---|
| 66 | SUGUNA.R      | MATHEMATICS          | 6 |
| 67 | RAGINI.P      | NFSM & D             | 7 |
| 68 | BUVANESWARI.K | B.A., TAMIL          | 7 |
| 69 | SARANYA.N     | MATHEMATICS          | 7 |
| 70 | JAMUNADEVI.R  | APPLIED MICROBIOLOGY | 8 |
| 71 | MAHESWARI.C   | MATHEMATICS          | 8 |
| 72 | SATHIYA.R     | BIOCHEMISTRY         | 9 |
| 73 | KANAGAVALLIL  | MATHEMATICS          | 9 |

**RANK HOLDERS OF THE YEAR 2010**

| S.NO | NAME            | DEPARTMENT             | RANK |
|------|-----------------|------------------------|------|
| 74   | ELAVARASI.P     | BIOCHEMISTRY           | 1    |
| 75   | BACKYALAKSHMI.S | BIOCHEMISTRY           | 2    |
| 76   | ANITHA.N        | INFORMATION TECHNOLOGY | 2    |
| 77   | SUJATHA.S       | MATHEMATICS            | 2    |
| 78   | LAVANYA.S       | BIOCHEMISTRY           | 3    |
| 79   | RAJESWARI.M     | MATHEMATICS            | 3    |
| 80   | HEMALATHA.T     | BIOCHEMISTRY           | 4    |
| 81   | POORNIMA.J      | COMPUTER SCIENCE       | 5    |
| 82   | IDAYA PRIYA.P   | BIOCHEMISTRY           | 5    |
| 83   | GEETHA.R        | MATHEMATICS            | 6    |

**RANK HOLDERS OF THE YEAR 2011**

| S.NO | NAME            | DEPARTMENT             | RANK |
|------|-----------------|------------------------|------|
| 84   | T.SAMUNDEESWARI | TAMIL                  | 2    |
| 85   | G.GAYATHRI      | BIOCHEMISTRY           | 3    |
| 86   | A.SONIYA        | TAMIL                  | 4    |
| 87   | A.IMRANA BEGUM  | MICRO BIOLOGY          | 5    |
| 88   | A.ANANDHI       | BIOCHEMISTRY           | 5    |
| 89   | S.AMUDHA        | TAMIL                  | 6    |
| 90   | V.KAVITHA       | BIOCHEMISTRY           | 6    |
| 91   | S.SUJATHA       | INFORMATION TECHNOLOGY | 6    |
| 92   | R.VIDHYALAKSHMI | PHYSICS                | 7    |
| 93   | R.RAJESWARI     | TAMIL                  | 8    |

|    |               |              |    |
|----|---------------|--------------|----|
| 94 | M.SARANYA     | BIOCHEMISTRY | 8  |
| 95 | S.TAMILARASI  | BIOCHEMISTRY | 8  |
| 96 | R.FAMITHA     | BCA          | 9  |
| 97 | S.SIVARANJANI | TAMIL        | 9  |
| 98 | A.REVATHI     | TAMIL        | 10 |
| 99 | T.MALATHI     | BIOCHEMISTRY | 10 |

#### RANK HOLDERS OF THE YEAR 2012

| S.NO | NAME                 | DEPARTMENT             | RANK |
|------|----------------------|------------------------|------|
| 100  | S.P EZHILARASI       | FOOD & NUTRTION        | 1    |
| 101  | A.S. SHARMILA        | INFORMATION TECHNOLOGY | 1    |
| 102  | D.MANO               | TAMIL                  | 2    |
| 103  | D.SARANYA            | MICRO                  | 2    |
| 104  | S.PREMALATHA         | FOOD & NUTRTION        | 2    |
| 105  | S.CHITHRA            | FOOD & NUTRTION        | 2    |
| 106  | K.REKHA              | FOOD & NUTRTION        | 2    |
| 107  | E.SATHYA             | MATHS                  | 3    |
| 108  | M.RAMPBHA            | BIOCHEMISTRY           | 3    |
| 109  | R.KAVITHA            | INFORMATION TECHNOLOGY | 4    |
| 110  | P.SASIKALA           | BIOCHEMISTRY           | 5    |
| 111  | K.LAVANYA            | INFORMATION TECHNOLOGY | 5    |
| 112  | A.SABIYA             | BCA                    | 6    |
| 113  | S.SUBAITHA AL-HAZENA | MATHS                  | 6    |
| 114  | T.HEMALATHA          | BIOCHEMISTRY           | 6    |
| 115  | G.SARANYA            | M.COM                  | 6    |
| 116  | P.PRABAVATHI         | TAMIL                  | 7    |
| 117  | S.PAVALARASI         | BIOCHEMISTRY           | 7    |
| 118  | P.HEMALATHA          | INFORMATION TECHNOLOGY | 8    |
| 119  | S.SUGANYA            | INFORMATION TECHNOLOGY | 8    |
| 120  | S.SUJITHA            | BCA                    | 9    |

|     |                  |              |    |
|-----|------------------|--------------|----|
| 121 | D.KOKILA REVATHI | MICRO        | 9  |
| 122 | D.DEVIBALA       | MATHS        | 9  |
| 123 | G.JANAKI         | MATHS        | 9  |
| 124 | R.SASIKALA       | BIOCHEMISTRY | 10 |
| 125 | P.SARANYA        | BIOCHEMISTRY | 10 |

#### RANK HOLDERS OF THE YEAR 2013

| S.NO | NAME                       | DEPARTMENT             | RANK |
|------|----------------------------|------------------------|------|
| 126  | MANGAIYARKARASI.B          | PHYSICS                | 1    |
| 127  | LAVANYA.S                  | TAMIL                  | 1    |
| 128  | VALARMATHIA                | INFORMATION TECHNOLOGY | 2    |
| 129  | YASMIN.K                   | BIOCHEMISTRY           | 3    |
| 130  | PARVATHI.P                 | TAMIL                  | 5    |
| 131  | REKHA.V                    | MATHEMATICS            | 5    |
| 132  | BENAZIR.G                  | MATHEMATICS            | 5    |
| 133  | AISWARYA KAMALI.B          | ENGLISH                | 7    |
| 134  | ARCHANADEVILS              | COMPUTER SCIENCE       | 7    |
| 135  | FERTHOUS.S                 | APPLIED MICROBIOLOGY   | 7    |
| 136  | SUGANYA.N                  | MATHEMATICS            | 8    |
| 137  | SUGANTHI.E                 | BIOCHEMISTRY           | 9    |
| 138  | MANIMEKALAI.S              | BIOCHEMISTRY           | 10   |
| 139  | SUGANYA.G                  | B.C.A.                 | 10   |
| 140  | INDIRA<br>PRIYADHARSHINI.S | APPLIED MICROBIOLOGY   | 10   |

#### RANK HOLDERS OF THE YEAR 2014

| S.NO | NAME         | DEPARTMENT             | RANK |
|------|--------------|------------------------|------|
| 141  | SHARMILA.V   | TAMIL                  | 1    |
| 142  | REENA.C      | BIOCHEMISTRY           | 1    |
| 143  | DEVAKI.S     | MICROBIOLOGY           | 2    |
| 144  | SABHARI.M    | BIOCHEMISTRY           | 2    |
| 145  | HEMAMALINI.M | INFORMATION TECHNOLOGY | 2    |
| 146  | REVATHI.E    | BIOCHEMISTRY           | 3    |

|     |                 |                        |    |
|-----|-----------------|------------------------|----|
| 147 | VENNILA.S       | INFORMATION TECHNOLOGY | 3  |
| 148 | NIRMALA DEVI.K  | PHYSICS                | 3  |
| 149 | SIVARANJANI.M.J | MATHEMATICS            | 4  |
| 150 | PARKAVI.U       | MICROBIOLOGY           | 4  |
| 151 | KAVITHA.P       | TAMIL                  | 5  |
| 152 | BHARATHI.S      | PHYSICS                | 5  |
| 153 | NATHIYA.V       | CHEMISTRY              | 6  |
| 154 | KOMATHI.P       | MICROBIOLOGY           | 6  |
| 155 | THILAGA.S       | MATHEMATICS            | 8  |
| 156 | SHAMEEM.G       | BCA                    | 10 |

**2.5.5. Details on the significant improvements made in ensuring rigor and transparency in the internal assessment during the last four years and weightages assigned for the overall development of students.**

The CBCS pattern was introduced in 2008 and from then internal assessment pattern was brought into curricular design as per the norms of the university.

**2.5.6. What are the graduate attributes specified by the college/affiliating university? How does the college ensure the attainment of these by the students?**

The regular test marks are submitted to the head of the institution and in turn head of the institution discuss with the staff members on the measures of improving the slow learners and the slow learner are also called by the Principal who in turn motivates the student regarding on the improvement of the studies.

**2.5.7. What are the mechanisms for redressal of grievances with references to evaluation both at the college and University level?**

Any grievances in evaluation process at college level is taken to the tutor by the students who in turn discusses about the same with the Head of Department and head of the department carry them to the head of the institution and the same are rectified by taking necessary steps.

Based on the grievances suggested by the colleges the university has given provision of revaluation and photo copies. Of late university has introduced automation in registering and conducting exams and help line has been provided by the university to rectify issues immediately.

**2.6. Student performance and Learning Outcomes**

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

The institution provides courses which are professional and have employment opportunities. Learning is made through theoretical and practical inputs. The staff and students are clearly specified with university syllabus and steps are taken in making the students gain knowledge in the prescribed field. The objective of the syllabus is also made clear. The institution is in rural area and on appointing the staff they are made clear about the vision of the institution. The management provides all facilities in making the students more knowledgeable by conducting seminars, workshops, competitions etc.

Resource persons and learned people are invited to enlighten many programs.

**2.6.2. Enumerate on how the institution monitors and communicates the progress and performance of students through the duration of the course/programme? Provide an analysis of the students results/achievements and explain the differences if any and patterns of achievement across the programmes/courses offered.**

The progress and performance of the student are monitored under the system of tutor and ward. Academic performance is communicated to the parents by the report sheet.

| STUDENT PROFILE PROGRAMME WISE (2006) |                        |                              |                     |              |                             |            |      |
|---------------------------------------|------------------------|------------------------------|---------------------|--------------|-----------------------------|------------|------|
| FACULTY                               | NAME OF THE PROGRAMME  | NO. OF APPLICATIONS RECEIVED | SANCTIONED STRENGTH | NO. ADMITTED | NO. APPEARED FOR FINAL EXAM | NO. PASSED | %    |
| <b>UG</b>                             | Tamil                  | 30                           | 70                  | 30           | 26                          | 26         | 100  |
|                                       | B. Com                 | 45                           | 70                  | 43           | 40                          | 35         | 88   |
|                                       | BCA                    | 65                           | 100                 | 50           | 49                          | 47         | 95   |
|                                       | Biochemistry           | 38                           | 50                  | 34           | 32                          | 26         | 81.2 |
|                                       | Computer Science       | 110                          | 110                 | 100          | 97                          | 96         | 98   |
|                                       | Mathematics            | 50                           | 70                  | 47           | 46                          | 26         | 57   |
|                                       | Microbiology           | 36                           | 50                  | 35           | 34                          | 32         | 94   |
|                                       | Physics                | 22                           | 50                  | 22           | 20                          | 18         | 90   |
| <b>PG</b>                             | M. Com                 | 7                            | 40                  | 6            | 6                           | 6          | 67   |
|                                       | Biochemistry           | 17                           | 26                  | 16           | 10                          | 10         | 100  |
|                                       | Information Technology | 15                           | 26                  | 11           | 11                          | 9          | 81.8 |
|                                       | Mathematics            | 13                           | 40                  | 13           | 12                          | 9          | 75   |
|                                       | Microbiology           | 17                           | 26                  | 16           | 16                          | 14         | 88   |
| STUDENT PROFILE PROGRAMME WISE (2007) |                        |                              |                     |              |                             |            |      |
| FACULTY                               | NAME OF THE PROGRAMME  | NO. OF APPLICATIONS RECEIVED | SANCTIONED STRENGTH | NO. ADMITTED | NO. APPEARED FOR FINAL EXAM | NO. PASSED | %    |
| <b>UG</b>                             | Tamil                  | 29                           | 70                  | 28           | 27                          | 27         | 100  |
|                                       | B. Com                 | 75                           | 77                  | 70           | 62                          | 61         | 98   |
|                                       | BCA                    | 67                           | 100                 | 51           | 46                          | 46         | 100  |
|                                       | Biochemistry           | 48                           | 50                  | 40           | 37                          | 36         | 97.2 |
|                                       | Computer Science       | 80                           | 110                 | 71           | 67                          | 66         | 98   |
|                                       | Mathematics            | 76                           | 77                  | 76           | 67                          | 62         | 93   |
|                                       | Microbiology           | 46                           | 50                  | 46           | 46                          | 45         | 98   |
| <b>PG</b>                             | M. Com                 | 14                           | 40                  | 12           | 12                          | 6          | 50   |
|                                       | Biochemistry           | 10                           | 26                  | 10           | 16                          | 16         | 100  |
|                                       | Information Technology | 15                           | 26                  | 4            | 4                           | 3          | 90   |
|                                       | Mathematics            | 17                           | 40                  | 15           | 15                          | 7          | 47   |
|                                       | Microbiology           | 20                           | 26                  | 18           | 18                          | 17         | 94   |

| STUDENT PROFILE PROGRAMME WISE (2008) |                        |                              |                     |              |                             |            |      |
|---------------------------------------|------------------------|------------------------------|---------------------|--------------|-----------------------------|------------|------|
| FACULTY                               | NAME OF THE PROGRAMME  | NO. OF APPLICATIONS RECEIVED | SANCTIONED STRENGTH | NO. ADMITTED | NO. APPEARED FOR FINAL EXAM | NO. PASSED | %    |
| <b>UG</b>                             | Tamil                  | 28                           | 70                  | 28           | 27                          | 27         | 100  |
|                                       | B. Com                 | 70                           | 75                  | 69           | 65                          | 64         | 98   |
|                                       | BCA                    | 98                           | 100                 | 98           | 89                          | 87         | 98   |
|                                       | Biochemistry           | 35                           | 50                  | 31           | 31                          | 19         | 61.3 |
|                                       | Computer Science       | 90                           | 110                 | 80           | 76                          | 75         | 91   |
|                                       | Mathematics            | 69                           | 70                  | 66           | 61                          | 60         | 98   |
|                                       | Microbiology           | 28                           | 50                  | 27           | 27                          | 27         | 100  |
|                                       | Physics                | 15                           | 50                  | 10           | 8                           | 8          | 100  |
| <b>PG</b>                             | M. Com                 | 5                            | 40                  | 5            | 5                           | 5          | 100  |
|                                       | Biochemistry           | 18                           | 26                  | 17           | 10                          | 10         | 100  |
|                                       | Information Technology | 7                            | 26                  | 5            | 5                           | 5          | 100  |
|                                       | Mathematics            | 8                            | 40                  | 8            | 8                           | 6          | 75   |
|                                       | Microbiology           | 6                            | 26                  | 6            | 6                           | 6          | 100  |
| <b>M. PHIL</b>                        | Biochemistry           | 8                            | 8                   | 8            | 8                           | 8          | 100  |
|                                       | Computer Science       | 20                           | 20                  | 11           | 11                          | 11         | 100  |
|                                       | Mathematics            | 4                            | 4                   | 4            | 4                           | 4          | 100  |

| STUDENT PROFILE PROGRAMME WISE (2009) |                        |                              |                     |              |                             |            |      |
|---------------------------------------|------------------------|------------------------------|---------------------|--------------|-----------------------------|------------|------|
| FACULTY                               | NAME OF THE PROGRAMME  | NO. OF APPLICATIONS RECEIVED | SANCTIONED STRENGTH | NO. ADMITTED | NO. APPEARED FOR FINAL EXAM | NO. PASSED | %    |
| <b>UG</b>                             | Tamil                  | 18                           | 70                  | 16           | 14                          | 14         | 100  |
|                                       | English                | 79                           | 77                  | 77           | 74                          | 74         | 100  |
|                                       | B. Com                 | 77                           | 77                  | 77           | 75                          | 71         | 95   |
|                                       | BCA                    | 98                           | 100                 | 95           | 90                          | 88         | 98   |
|                                       | Biochemistry           | 36                           | 50                  | 32           | 40                          | 37         | 92.5 |
|                                       | Computer Science       | 106                          | 110                 | 100          | 94                          | 92         | 97   |
|                                       | Mathematics            | 150                          | 70                  | 132          | 70                          | 67         | 95   |
|                                       | Microbiology           | 30                           | 50                  | 29           | 25                          | 24         | 96   |
| <b>PG</b>                             | Physics                | 43                           | 50                  | 41           | 38                          | 38         | 100  |
|                                       | M. Com                 | 20                           | 40                  | 19           | 18                          | 16         | 89   |
|                                       | Biochemistry           | 7                            | 26                  | 6            | 15                          | 15         | 100  |
|                                       | Information Technology | 6                            | 26                  | 6            | 6                           | 6          | 100  |
|                                       | Mathematics            | 16                           | 40                  | 14           | 14                          | 13         | 93   |
| <b>M. Phil</b>                        | Microbiology           | 5                            | 26                  | 5            | 5                           | 5          | 100  |
|                                       | Commerce               | 15                           | 4                   | 4            | 4                           | 2          | 50   |
|                                       | Biochemistry           | 11                           | 12                  | 10           | 9                           | 9          | 100  |
|                                       | Computer Science       | 25                           | 25                  | 25           | 25                          | 25         | 100  |

**STUDENT PROFILE PROGRAMME WISE (2010)**

| FACULTY        | NAME OF THE PROGRAMME  | NO. OF APPLICATIONS RECEIVED | SANCTIONED STRENGTH | NO. ADMITTED | NO. APPEARED FOR FINAL EXAM | NO. PASSED | %    |
|----------------|------------------------|------------------------------|---------------------|--------------|-----------------------------|------------|------|
| <b>UG</b>      | Tamil                  | 29                           | 70                  | 29           | 26                          | 26         | 100  |
|                | English                | 80                           | 77                  | 77           | 72                          | 72         | 100  |
|                | B. Com                 | 77                           | 77                  | 75           | 72                          | 71         | 99   |
|                | BCA                    | 70                           | 110                 | 68           | 61                          | 58         | 95   |
|                | Biochemistry           | 38                           | 50                  | 30           | 20                          | 18         | 80   |
|                | Chemistry              | 50                           | 50                  | 50           | 47                          | 43         | 91.4 |
|                | Computer Science       | 114                          | 110                 | 110          | 110                         | 101        | 88   |
|                | Mathematics            | 141                          | 140                 | 139          | 137                         | 120        | 87   |
|                | Microbiology           | 32                           | 50                  | 31           | 31                          | 26         | 85   |
|                | Physics                | 40                           | 50                  | 38           | 38                          | 35         | 92   |
| <b>PG</b>      | M. Com                 | 20                           | 40                  | 18           | 18                          | 16         | 89   |
|                | Biochemistry           | 9                            | 26                  | 8            | 7                           | 7          | 100  |
|                | Information Technology | 17                           | 26                  | 16           | 16                          | 16         | 100  |
|                | Mathematics            | 7                            | 40                  | 6            | 6                           | 6          | 100  |
|                | Microbiology           | 23                           | 26                  | 21           | 21                          | 19         | 90   |
| <b>M. Phil</b> | Commerce               | 9                            | 40                  | 9            | 9                           | 9          | 100  |
|                | Computer Science       | 25                           | 25                  | 18           | 18                          | 18         | 100  |
|                | Mathematics            | 10                           | 10                  | 4            | 4                           | 4          | 100  |

**STUDENT PROFILE PROGRAMME WISE (2011)**

| FACULTY   | NAME OF THE PROGRAMME | NO. OF APPLICATIONS RECEIVED | SANCTIONED STRENGTH | NO. ADMITTED | NO. APPEARED FOR FINAL EXAM | NO. PASSED | %    |
|-----------|-----------------------|------------------------------|---------------------|--------------|-----------------------------|------------|------|
| <b>UG</b> | Tamil                 | 35                           | 70                  | 30           | 25                          | 25         | 100  |
|           | English               | 83                           | 77                  | 77           | 71                          | 65         | 92   |
|           | B. Com                | 84                           | 77                  | 77           | 74                          | 71         | 96   |
|           | BCA                   | 103                          | 110                 | 98           | 93                          | 89         | 95   |
|           | Biochemistry          | 50                           | 50                  | 49           | 32                          | 31         | 96.8 |
|           | Chemistry             | 61                           | 55                  | 55           | 53                          | 50         | 94.3 |
|           | Computer Science      | 120                          | 110                 | 110          | 92                          | 91         | 99   |
|           | Mathematics           | 140                          | 140                 | 137          | 133                         | 112        | 84   |
|           | Microbiology          | 30                           | 50                  | 22           | 17                          | 17         | 100  |
|           | Physics               | 55                           | 55                  | 55           | 53                          | 49         | 92   |



|                |                        |    |    |    |    |    |     |
|----------------|------------------------|----|----|----|----|----|-----|
| <b>PG</b>      | M. Com                 | 20 | 40 | 19 | 17 | 12 | 77  |
|                | Biochemistry           | 7  | 26 | 4  | 6  | 6  | 100 |
|                | Information Technology | 6  | 26 | 4  | 4  | 4  | 100 |
|                | Mathematics            | 30 | 40 | 28 | 25 | 24 | 96  |
|                | Microbiology           | 13 | 26 | 13 | 10 | 6  | 60  |
| <b>M. Phil</b> | Commerce               | 5  | 12 | 4  | 4  | 2  | 50  |
|                | Biochemistry           | 7  | 15 | 5  | 5  | 5  | 100 |
|                | Computer Science       | 20 | 20 | 15 | 14 | 14 | 100 |
|                | Mathematics            | 20 | 18 | 18 | 18 | 18 | 100 |
|                | Microbiology           | 9  | 15 | 8  | 8  | 8  | 100 |

### STUDENT PROFILE PROGRAMME WISE (2012)

| FACULTY   | NAME OF THE PROGRAMME  | NO. OF APPLICATIONS RECEIVED | SANCTIONED STRENGTH | NO. ADMITTED | NO. APPEARED FOR FINAL EXAM | NO. PASSED | %    |
|-----------|------------------------|------------------------------|---------------------|--------------|-----------------------------|------------|------|
| <b>UG</b> | Tamil                  | 32                           | 70                  | 31           | 24                          | 23         | 95.8 |
|           | English                | 80                           | 77                  | 77           | 76                          | 57         | 75   |
|           | B. Com                 | 82                           | 77                  | 76           | 70                          | 69         | 99   |
|           | BCA                    | 111                          | 110                 | 108          | 97                          | 90         | 93   |
|           | Biochemistry           | 60                           | 55                  | 55           | 30                          | 22         | 74   |
|           | Chemistry              | 76                           | 55                  | 55           | 53                          | 38         | 77   |
|           | Computer Science       | 114                          | 110                 | 110          | 103                         | 97         | 94   |
|           | Mathematics            | 139                          | 140                 | 126          | 120                         | 109        | 91   |
|           | Microbiology           | 54                           | 50                  | 50           | 46                          | 46         | 100  |
|           | Physics                | 59                           | 55                  | 55           | 45                          | 44         | 98   |
| <b>PG</b> | English                | 21                           | 40                  | 21           | 20                          | 18         | 90   |
|           | M. Com                 | 30                           | 40                  | 27           | 26                          | 25         | 96   |
|           | Biochemistry           | 10                           | 26                  | 10           | 4                           | 4          | 100  |
|           | Chemistry              | 12                           | 26                  | 12           | 12                          | 12         | 100  |
|           | Information Technology | 5                            | 26                  | 4            | 4                           | 4          | 100  |
|           | Mathematics            | 15                           | 40                  | 14           | 14                          | 13         | 93   |
|           | Microbiology           | 6                            | 26                  | 5            | 4                           | 4          | 100  |
| Physics   | 13                     | 26                           | 12                  | 12           | 12                          | 100        |      |

|                |                  |    |    |    |    |    |     |
|----------------|------------------|----|----|----|----|----|-----|
| <b>M. Phil</b> | Commerce         | 12 | 12 | 9  | 9  | 9  | 100 |
|                | Biochemistry     | 5  | 20 | 5  | 5  | 5  | 100 |
|                | Computer Science | 12 | 15 | 10 | 10 | 10 | 100 |
|                | Microbiology     | 15 | 15 | 4  | 3  | 3  | 100 |
|                | Mathematics      | 6  | 4  | 4  | 4  | 4  | 100 |

### STUDENT PROFILE PROGRAMME WISE (2013)

| FACULTY        | NAME OF THE PROGRAMME  | NO. OF APPLICATIONS RECEIVED | SANCTIONED STRENGTH | NO. ADMITTED | NO. APPEARED FOR FINAL EXAM | NO. PASSED | %   |
|----------------|------------------------|------------------------------|---------------------|--------------|-----------------------------|------------|-----|
| <b>UG</b>      | English                | 80                           | 77                  | 73           | 72                          | 70         | 97  |
|                | B. Com                 | 78                           | 77                  | 77           | 75                          | 54         | 72  |
|                | BCA                    | 119                          | 110                 | 108          | 104                         | 90         | 87  |
|                | Biochemistry           | 49                           | 55                  | 49           | 49                          | 26         | 54  |
|                | Chemistry              | 58                           | 55                  | 53           | 53                          | 45         | 85  |
|                | Computer Science       | 120                          | 110                 | 110          | 105                         | 55         | 52  |
|                | Mathematics            | 149                          | 140                 | 146          | 140                         | 104        | 84  |
|                | Microbiology           | 58                           | 50                  | 48           | 46                          | 18         | 39  |
|                | Physics                | 59                           | 55                  | 55           | 53                          | 50         | 96  |
|                | M. Com                 | 13                           | 40                  | 13           | 13                          | 13         | 100 |
|                | Biochemistry           | 4                            | 26                  | 4            | 4                           | 4          | 100 |
|                | Chemistry              | 12                           | 26                  | 12           | 12                          | 12         | 100 |
|                | Information Technology | 4                            | 26                  | 4            | 4                           | 4          | 100 |
|                | Mathematics            | 29                           | 40                  | 29           | 29                          | 25         | 86  |
|                | Microbiology           | 7                            | 26                  | 6            | 5                           | 4          | 80  |
| <b>M. Phil</b> | Commerce               | 6                            | 40                  | 5            | 5                           | 5          | 100 |
|                | Biochemistry           | 5                            | 20                  | 5            | 5                           | 5          | 100 |
|                | Computer Science       | 18                           | 15                  | 15           | 14                          | 14         | 100 |
|                | Microbiology           | 7                            | 15                  | 7            | 7                           | 7          | 100 |

## STUDENT PROFILE PROGRAMME WISE (2014)

| FACULTY        | NAME OF THE PROGRAMME  | NO. OF APPLICATIONS RECEIVED | SANCTIONED STRENGTH | NO. ADMITTED | NO. APPEARED FOR FINAL EXAM | NO. PASSED | %   |
|----------------|------------------------|------------------------------|---------------------|--------------|-----------------------------|------------|-----|
| <b>UG</b>      | English                | 81                           | 77                  | 77           | 70                          | 68         | 97  |
|                | B. Com                 | 83                           | 76                  | 77           | 74                          | 45         | 61  |
|                | B.Com( CA)             | 71                           | 70                  | 70           | 67                          | 45         | 67  |
|                | BCA                    | 117                          | 110                 | 108          | 108                         | 69         | 64  |
|                | Biochemistry           | 58                           | 55                  | 55           | 55                          | 37         | 67  |
|                | Chemistry              | 58                           | 55                  | 55           | 55                          | 45         | 82  |
|                | Computer Science       | 116                          | 110                 | 110          | 108                         | 88         | 81  |
|                | Mathematics            | 157                          | 140                 | 154          | 151                         | 104        | 69  |
|                | Microbiology           | 55                           | 55                  | 55           | 55                          | 18         | 32  |
|                | Physics                | 60                           | 55                  | 55           | 57                          | 48         | 89  |
| <b>PG</b>      | English                | 9                            | 40                  | 8            | 8                           | 8          | 100 |
|                | M. Com                 | 17                           | 40                  | 17           | 17                          | 17         | 100 |
|                | Biochemistry           | 5                            | 26                  | 4            | 4                           | 2          | 50  |
|                | Chemistry              | 15                           | 26                  | 13           | 13                          | 3          | 23  |
|                | Information Technology | 12                           | 26                  | 11           | 11                          | 9          | 81  |
|                | Mathematics            | 23                           | 40                  | 23           | 23                          | 20         | 87  |
|                | Microbiology           | 6                            | 26                  | 6            | 5                           | 5          | 100 |
|                | Physics                | 13                           | 26                  | 11           | 11                          | 8          | 73  |
| <b>M. Phil</b> | Commerce               | 7                            | 6                   | 6            | 6                           | 6          | 100 |
|                | Biochemistry           | 5                            | 20                  | 5            | 5                           | 5          | 100 |
|                | Computer Science       | 27                           | 15                  | 10           | 10                          | 9          | 90  |
|                | Microbiology           | 3                            | 15                  | 3            | 3                           | 3          | 100 |

### Annexure – I (Graphical Representation of Results)

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

As the institution is in rural area most of the candidates are from Tamil medium and these students are given remedial teaching in order to make them successful. The staff members prepare themselves by using library sources well in advance and very rarely they depend purely on text books. Such preparation is passed even to students by means of study material. Sources such as library and internet help our students and staffs to acquire a sound knowledge about the syllabus.

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

The research students are given training to take classes for their juniors which enables them professionally in their future. Library and internet are well equipped for easy access of any syllabus. Apart from theoretical knowledge practical knowledge are imposed on students by the means of NME courses such as computer. Students are taken for educational tours to attain more knowledge of their syllabus. Training is also given to them by means of attending the workshops organized by various colleges.

Entrepreneurship cell is functioning within the campus. Necessary steps have been taken to develop the entrepreneurship skill among the students. Trainers are invited to give training to students in making handicrafts. Suggestions are given to students to design their own products and display them for sales. Research candidates are encouraged to do their research by which they can gain more practical knowledge.

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

Regular feed backs are collected from the students with regard to academic difficulties. Such feed backs are analyzed by the head of the institution and necessary steps are taken to rectify the problems mentioned by the students in their feedback. Personality development classes help the students to gain confidence and prepare themselves for better future. Training to prepare resumes, facing an interview etc. helps the students to see better employments.

Communication skill is developed with the introduction of soft skill paper along with foundation English. Teaching methodologies are suggested to the faculty members to adopt interactions among the students. The head of the institution along with the head of the department suggest ways for preparing question papers for internal assessments, evaluation method and other development skills. Changes are made whenever necessary. Head of the institution regularly monitors test and evaluation of the staff members by the means of submitting monthly report. Counseling is given not only students but also to the staff members in moulding the students.

**PERSONALITY DEVELOPMENT CLASSES**

| S.NO | TOPIC                        | RESOURCE PERSON  |
|------|------------------------------|--|
| 1    | POSITIVE MENTAL ATTITUDE     | Mr. J. C. Vishnu Kumar<br>Deputy General Manager<br>Neyveli Lignite Corporation<br>Neyveli |
| 3    | A SOUND MIND IN A SOUND BODY | Mr. R. Saravanan<br>Soft Skill Trainer<br>ASSET Organisation<br>Vandavasi                  |

|    |                                |   |
|----|--------------------------------|---|
| 4  | MEMORY TECHNIQUES              | Mr. V.S. Thalapathi<br>Soft Skill Trainer<br>ASSET Organisation<br>Vandavasi                    |
| 5  | CHALLENGES AND CHANGES         | Mr. JC. Raman<br>Soft Skill Trainer<br>Mailaduthurai  |
| 6  | SCAN YOUR MIND                 | Mr. R. N. Ramakrishnan<br>Assistant Professor<br>St. Joseph College of Education<br>Jolarpettai |
| 7  | EFFECTIVE COMMUNICATION SKILLS | Prof. Ratna Natrajan<br>Leading Trainer<br>ASSET Organisation<br>Vandavasi                      |
| 8  | BE COME A MAGNETIC PERSONALITY | Mr. JC. M.S. Charan<br>Soft Skill Trainer<br>Mailaduthurai                                      |
| 9  | TEAM BUILDING                  | Mr. JC. Alpesh<br>Soft Skill Trainer<br>Chennai   |
| 10 | A BIRDS EYE VIEW OF THE WORLD  | Mr. Venu Vengat Raman<br>Founder<br>Budha IAS Academy<br>Chennai                                |
| 11 | ACHIEVEMENT MOTIVATION         | Mr. JC. Sivashankar<br>Soft Skill Trainer<br>Neyveli  |
| 12 | LESSONS FROM GREAT LEADER      | Mr. JC. Barnan<br>Soft Skill Trainer<br>Neyveli   |
| 13 | PUBLIC SPEAKING                | Mr. JC. Babunesan<br>Soft Skill Trainer<br>Tanjore  |
| 14 | TOWARDS EXCELLENCE             | Mr. JC. Kulothungan<br>Soft Skill Trainer<br>Tanjore  |
| 15 | CARREER GUIDENCE               | Mr. JC. Karthick<br>Soft Skill Trainer<br>Kumbakonam  |
| 16 | INTERVIEW TECNIQUES            | Mr. JC. Sundaramoorthy<br>Assistant General Manager<br>Neyveli Lignite Corporation<br>Neyveli   |

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

Monthly tests, model exams and slip test are conducted and such marks are maintained in the registers duly signed by the head of the institution every month. University results are also maintained in the departments.

On declaring university result each department submit their result analysis to head of the institution and management who monitor the result and discuss about the result which are poor.

Staffs who have given poor results are called forward to analyze the reason for their poor performance. Instructions are given to staff members to prepare the students for arrear examination by giving special coaching.

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

The institution motivates the student by awarding cash prizes who have secured more than 1000 marks in higher secondary level and seek admission for various courses. The best students who have secured good marks at higher secondary level are selected and they are motivated to achieve University Ranks. The performance of such students are monitored with the semester results. In case if the marks of such students have gone down in any of the semester, the reason for the same is analyzed and if the students have gained less marks due to personal problems, guidance is given to them to overcome those problems and the parents of such candidates are also invited and given counselling.

The management awards proficiency prizes for the best candidates in all the departments during the college day function. The university rank holders and students who have attained proficiency at college level are awarded with gold medals, endowment prizes and certificates during the convocation.

The slowlearners are sorted and they are given special coaching by means of slip test. The staff members are requested to prepare relevant study material and distribute them to the student who accordingly uses the same while preparing for examination.

Question bank is maintained in all departments. It is the duty of the staff member to prepare sufficient number of repeated questions and answers for the same is distributed to students. Slow learners are advised to follow the question bank so that their preparation for exam becomes easy.

# **CRITERIA - III**

## **KEY ASPECTS**

- 3.1 Promotion of Research**
- 3.2 Resource Mobilization for Research**
- 3.3 Research Facilities**
- 3.4 Research Publications and Awards**
- 3.5 Consultancy**
- 3.6 Extension Activities and Institutional Social Responsibility**
- 3.7 Collaborations**

## CRITERIA - III

### RESEARCH, CONSULTANCY AND EXTENSION

#### 3.1. Promotion of Research

##### 3.1.1. Does the institution have recognized research centers of the affiliating University or any other agency-organizations?

We have five research departments affiliated by the Thiruvalluvar University namely, Department of Biochemistry, Computer science, Commerce and Microbiology and Mathematics.

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

Yes.

Research Committee consists of the following staff members:

| SL.NO. | NAME  | DESIGNATION     |
|--------|---|-----------------|
| 1      | <b>Dr. M.H.S.Mohamed Yacoob</b><br>Principal              | <b>Chairman</b> |
| 2      | <b>Dr.D.Bharathi</b><br>Asst.Prof.in.Zoology              | <b>Member</b>   |
| 3      | <b>Dr.G.Subbulakshmi</b><br>Asst.Prof.in.Commerce         | <b>Member</b>   |
| 4      | <b>Ms.K.Padmalochna</b><br>Asst.Prof.in.Biochemistry      | <b>Member</b>   |
| 5      | <b>Mrs. K.Jagathy</b><br>Asst.Prof.in.Microbiology        | <b>Member</b>   |
| 6      | <b>Mrs.N.Tamizharasi</b><br>Asst.Prof.in.Computer science | <b>Member</b>   |
| 7      | <b>Dr.V.Selvaraj</b><br>Asst.Prof.in.Chemistry            | <b>Member</b>   |
| 8      | <b>Dr.T.Vennila</b><br>Asst.Prof.in.Tamil                 | <b>Member</b>   |
| 9      | <b>Dr.T.Soundaralakshmi</b><br>Asst.Prof.in.Tamil         | <b>Member</b>   |

Research committee advises the faculty members and the M.Phil students to present papers, attend seminars and conferences. This committee motivates teachers to register for Ph.D and to appear for NET & SET examinations. It has been recommended that the students may be allotted library hours for research purposes during working hours.



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

- The M.Phil Students are given the autonomy to do research on areas they prefer, under the guidance of faculty.
- Availability of resources like INFLIBNET and internet facilities to the researchers.
- Adequate infrastructure and human resources: Our Library and the number of computers with internet connection provide a research environment. Our teachers regularly present papers in conferences and symposia creating the right atmosphere for research and learning.
- Permission is granted by the Principal and the management to carry the research work.
- Support in terms of technology and information needs: We give effective technological support to do research. We have ample internet resources for research as well as to maintain academic standards.
- As we deal with curriculum based research, there is no involvement of funding whatsoever.

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

- All the departments arrange for Research Laboratory visits.
- Offering books, journals, magazines of research importance from the library.
- All research departments regularly conduct workshops and seminars on emerging trends to nurture the students with wide knowledge.
- Encouraging the students to participate in intra and inter-collegiate competitions such as quiz programmes, workshops, training programs, and to compete with all other competitive examinations.
- The management takes efforts to bring eminent people to interact with our students. The following are some of the eminent people visited our college.

| DEPARTMENT             | YEAR        | DATE       | TITLE   | RESOURCE<br>PERSON AND DESIGNATION   |
|------------------------|-------------|------------|---|--|
| DEPARTMENT<br>OF TAMIL | 2006 -2007  | 15.12.2006 | "Kalanthorum Ilakkiyathil Pengal"               | Mr. Uthrabhathi, Professor of Tamil, Arignar Anna Govt. Arts College, Cheyyar.                               |
|                        | 2008 - 2009 | 13.10.2008 | Hindu Thiru Koyilgalum Vazhibattu Muraigalum"   | Mr. Dr. Neela. Madhavan, Asst. Professor, Dept. of Tamil, Sri Sankara Arts & Science College, Kancheepuram.  |
|                        | 2009 - 2010 | 22.03.2010 | Yogamum Athan Payanum                           | Mrs. Santhi, Asst. Professor, Dept. of Tamil, Sri Akilandeswari Women's College, Wandiwash.                  |
|                        | 2010 - 2011 | 29.01.2011 | Seviyal Ilakkiyangalil Panpadu                  | Dr. S. Arivudainambi, Professor, Dept. of Tamil, Subramaniya Bharathiyar University, Pondicherry.            |
|                        | 2011 - 2012 | 15.11.2012 | Pengal Nattin Kangal                            | Mr. Dr. Neela. Madhavan, Asst. Professor - Dept. of Tamil, Sri Sankara Arts & Science College, Kancheepuram. |
|                        | 2012 -2013  | 23.01.2013 | Sindanaimalai                                   | Mr. Dr. Neela. Madhavan, Asst. Professor - Dept. of Tamil, Sri Sankara Arts & Science College, Kancheepuram. |
|                        | 2013 -2014  | 23.01.2014 | Kambha Ramayana Oodaga Vale Petra Gnana Paarvai | Mr. K. Venkatesan Asst. Professor, Dept. of Tamil Arignar Anna Govt. Arts College Cheyyar                    |
|                        | 2014 - 2015 | 21.01.2015 | Pandai Tamizharin Pulaneri Vazhakkam            | Mrs. M. Nalini Asst. Professor, Dept. of Tamil S.I.V.E.T. College Gowrivakkam, Chennai.                      |

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| <b>DEPARTMENT<br/>OF PHYSICS</b> | 2006 -2007  | 29.12.2006 | Learn Physics With fun                        | <b>Dr.P.Sivakumar.</b><br><b>Coordinator</b><br><b>Santhom Institute - Chennai</b>                                |
|                                  | 2010 - 2011 | 2/17/2011  | Learn Physics With fun                        | Dr.P.Sivakumar.<br>Coordinator<br>Santhom Institute, Chennai  |
|                                  | 2011 - 2012 | 2/7/2013   | Role of Spectroscopy in Research              | Mr.V.Ragavendran<br>Assistant Professor<br>Department of Science & Humanities<br>SCSVMV University - Kanchipuram. |
|                                  | 2013 -2014  | 2/8/2014   | Growth &Characterization of Some NLO Crystals | Dr.D.Jayaraman<br>Former Professor of Physics<br>Presidency College (Autonomous) Chennai                          |
|                                  | 2014 - 2015 | 20/08/2014 | Recent Trends in Physics'14                   | Dr.S.Kumaresan<br>Assistant Professor of Physics<br>Arignar Anna Govt Arts College, Cheyyar                       |
|                                  | 2014 - 2015 | 20/08/2014 | Recent Trends in Physics'14                   | Dr.T.S.Renugadevi<br>Associate Professor of Physics<br>Women's Christian College, Chennai                         |
|                                  | 2014 - 2015 | 21/08/2014 | Recent Trends in Physics'14                   | Dr.K.Venkatramanan<br>Professor & Head Department of Physics<br>SCSVMV University, Kanchipuram                    |
|                                  | 2014 - 2015 | 21/08/2014 | Recent Trends in Physics'14                   | Dr. T. Kumaresan<br>Assistant Professor of Physics<br>Thiru.A.GovindasamyGovt Arts College<br>Tindivanam          |

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| <b>DEPARTMENT OF MICROBIOLOGY</b> | 2006 -2007  | 10/11/2006      | workshop on Basic microbiological and biochemical techniques | Mr.V.Balamurugan M.Sc., B.Ed., PGDCA Chief Educational Officer, Tiruvannamalai. Funded by Tamilnadu State council for Science and technology                              |
|                                   | 2007 -2008  | 27.07.2007      | Awareness on communicable Disease.(Dengue fever)             | Mr.K.Manivannan Entomologist BMO, Thellar.  |
|                                   | 2008 - 2009 | 14-10-2008      | Recent trends of nanotechnology                              | Dr.P.T.Kalaiselvan., M.Sc., Ph.D. Associate professor in Botany, Madras University, Guindy campus, Chennai  |
|                                   | 2009 - 2010 | 20.02.2010      | Importance of stem cell therapy                              | Ms.P.Saradhai M.Sc., M.Phil., Ph.D., Asst.Professor, Aringar Anna Arts college Namakkal.  |
|                                   | 2010 - 2011 | 20.12.2010 (FN) | Cell biology of drug discovery                               | Dr.Lawrence. R. M.Sc., Ph.D Co Director, Asst. Professor, Systems & cell biology of Neurodegeneration, Division of psychiatry research, University of Zurich, Switzerland |
|                                   |             | 20.12.2010 (AN) | Hepatorenal toxicity in Biochemical approach                 | Dr.S. Palani M.Sc., M.Phil., Ph.D Asst.Professor of Biotech, Anna Bioresearch foundation, Thiruvannamalai.  |
|                                   | 2011 - 2012 | 27.07.2011      | Awareness on communicable isease.(Dengue fever)              | Mr.K.Manivannan Entomologist - BMO, Thellar.  |

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| <b>DEPARTMENT<br/>OF<br/>MICROBIOLOGY</b> |             | 27.9.2011                   | Marine-Microbial products  | Dr.S. Jayalakshmi M.Sc., M.Phil., Ph.D.,<br>Associate Professor,<br>CAS in Marine Microbiology, Parangipettai.    |
|   | 2012 -2013  | 19.10.2012                  | Zoonoses- causes<br>& prevention   | Mr.P. Balasubramanian,<br>Asst.Professor,<br>PG & Research Dept. of. Zoology,<br>Govt.Arts College, Kumbakonam    |
|   | 2013 -2014  | 1.3.2013                    | Recent Trends in Modern Science  | Dr.Mr.N. Narasimman M.Sc (Agri)., Ph.D.,<br>Junior Rice Breeder, PKKVK, Pondicherry.                              |
|   | 2014 - 2015 | 14.2.2014                   | Microbes are the world   | Dr. R. Mutheshilan M.Sc., Ph.D.,<br>Asst.Professor,<br>Dept.of Biotechnology, AMET<br>University,Kanathur, Chenna |
|   |             | 10.10.2014                  | Metagenomics   | Dr. AmuthaSanthanam M.Sc., M.Phil., Ph.D.,<br>Asst.Professor of Biotech,<br>Thiruvalluvar University, Vellore.    |
|   |             | 11.10.2014                  | Vaccine & their Importance   | Ms.P.Saradhai M.Sc., M.Phil., Ph.D.,<br>Asst.Professor,<br>Dept of Micro, Presidency college, Chennai             |
| 2007 -2008                                | 05.01.08    | Applications of mathematics | Dr.A.Annamalai, M.Sc., M.Phil., Ph.D.,<br>Assistant Professor of Mathematics, of<br>Mathematics, Govt. Arts College,<br>Thiruvanamalai |   |
|   |             | Probability theory          | Dr.S.I.Venkatesan, M.Sc., M.Phil.,<br>B.Ed.,Ph.D.,<br>Assistant Professor of Mathematics<br>Govt. Arts College, Cheyyar                |   |

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| <b>DEPARTMENT OF MATHEMATICS</b> | 2008 - 2009 | 11.10.08   | Mathematical modelling   | Dr.U. Rizwan., M.Sc., M.Phil. B.Ed., PGDCA., Ph.D., Assistant Professor of Mathematics Islamiah College, Vaniyambadi     |
|                                  | 2009 - 2010 | 20.02.10   | Applications of Mathematics  | Dr.K.Balamurugan, M.Sc.,M.Phil., Ph.D., Assistant Professor of Mathematics Govt. Arts College, Thiruvanamalai            |
|                                  | 2010 - 2011 | 18.02.11   | Applications in Graph theory   | Dr.H.P.Patil, M.Sc., Ph.D., Assistant Professor of Mathematics Pondicherry University, Pondicherry                       |
|                                  | 2011 - 2012 | 18.10.11   | Important and milestone in the history of Mathematics                                | Dr.K.Balamurugan, M.Sc.,M.Phil., Ph.D., Associate Professor of Mathematics, Govt. Arts College, Thiruvanamalai           |
|                                  | 2012 -2013  | 20.02.13   | Queuing theory   | Dr.S.J.Venkatesan,M.Sc.,M.Phil., B.Ed.,Ph.D., Assistant Professor of Mathematics Govt. Arts College. Cheyyar             |
|                                  | 2013 -2014  | 18.02.14   | Numbers  | Dr.M.Arunkumar, M.Sc.,M.Phil., Ph.D., Assistant Professor of Mathematics Govt. Arts College, Thiruvanamalai              |
|                                  | 2014 - 2015 | 04.02.15   | Fuzzy Mathematics  | Dr.P.Elumalai, M.Sc.,M.Phil.,B.Ed., Ph.D., Assistant Professor of Mathematics Govt. Arts College, Thiruvanamalai         |
|                                  | 2015- 2016  | 27.8.2015  | National Level Conference on Modern Trends in Mathematical Analysis and Applications | Dr. S. Sriram<br>Professor of Mathematics,<br>Faculty of Engineering & Technology,<br>Annamalai University, Chidhambaram |
|                                  | 27.8.2015   | Dr. A. Nagoor Gani<br>Associate Professor of Mathematics,<br>PG & Research Department,Jamal Mohamed<br>College (A), Trichy |  |  |
|                                  | 28.8.2015   | Dr. M. Chitra<br>Associate Professor of Mathematics,<br>Thiruvalluvar University, Vellore                                  |  |  |

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| <b>DEPARTMENT OF ENGLISH</b> | 2011 - 2012 | 16.11.2011 | Seminar On Value Based Education   | Mr. M. Sreenivasan M.A., M.Lit.,<br>Prof of English,<br>Shri Sapthagiri Institute of Technology,<br>Ocheri, Vellore Dist   |
|                              | 2012 -2013  | 08.02.2013 | Seminar On Enhancing Communications Skills With Literary Appreciation        | Dr. S. Karthik Kumar M.A., M.Phil., Ph.D<br>Assistant. Professor, Annamalai University,<br>Chidambaram.  |
|                              | 2013 -2014  | 28.02.2014 | Seminar On Film Review   | P. Sitharthan<br>Asst. Professor, Presidency college, Chennai.   |
|                              | 2014 - 2015 | 27.1.2015  | Recent Trends and Themes in Indian English Literature 2015                   | Dr. K. Rajaraman<br>Professor of English - Annamalai University<br>Chidambaram<br>Dr. B. Kathiresan<br>Associate Professor of English<br>Thiruvalluvar University, Vellore.  |
|                              | 2014 - 2015 | 28.1.2015  | Recent Trends and Themes in Indian English Literature 2015                   | Dr. S. Karthik Kumar M.A., M.Phil., Ph.D<br>Assistant. Professor, Annamalai University,<br>Chidambaram.<br>Dr. Mohamed Ali Jinna Associate Professor -<br>Jamal Mohamed College (A), Trichy.   |
|                              | 2015 -2016  | 25-09-2015 | International conference on Perspectives of language, Literature and Theory. | Dr. Thirunavukkarasu Karunakaran, English language teaching centre, University of Jaffna, Srilanka.  |
|                              |             | 26-09-2015 |  | Dr. K. Rajaraman, Professor of English, Annamalai university.<br>Dr.A.Selvaraj, Associate professor of English, Annamalai university.<br>Dr. A. Mohammed Ali Jinnah, Associate professor of English, Jamala mohammed College, Trichy.<br>Dr. S.Karthikkumar, Assistant professor of English, Annamalai University. |

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| <b>DEPARTMENT OF COMPUTER SCIENCE</b> | 2006 -2007 | 29.12.2006 | 1. Learning Physics with fun                         | Dr.P.Sivakumar, M.Sc., Ph.D.,<br>Principal (Ret) and Coordinator,<br>Santhome Institute for Career Guidance,<br>Chennai. |
|                                       |            |            | 2. Data Mining & Warehousing                         | Mr.T.Velmurugan, M.Sc., M.Phil. PGDCA,<br>B.Ed.,<br>Lecturer in Computer Science,<br>D.G.Vaishnava College, Chennai.     |
|                                       |            |            | 3. Bluetooth Technology                              | Mr.Jothish. M.Sc.,<br>Trainer,<br>Indicom Software & Services,<br>Thiruvanmiyur, Chennai.                                |
|                                       |            | 25.02.2008 | 1. Features of tackling IT field                     | Wintek Technologies<br>Nokia, SEZ,<br>Sriperumpudur, Chennai.  |
|                                       |            | 04.03.2008 | 2. Computer Operating and Programming                | Leading IT Academic Computer Education,<br>Tindivanam.   |
|                                       |            | 17.03.2008 | 3. How to face the Interview with Resume Preparation | Mr.R.Krishnaraj,<br>ICFAI, National College,<br>Kancheepuram   |



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| <b>DEPARTMENT<br/>OF COMPUTER<br/>SCIENCE</b> | 2008 - 2009 | 31.10.2008 | National Level Seminar:<br>Multimedia Security Systems<br><br>Web Mining   | Mr.P.Magizhan M.Sc., M.Phil.,<br>Assistant Professor Department of<br>Computer Science,<br>Islamiah College ,<br>Vaniyambadi – 635752<br><br>Mr.L.Rajesh M.C.A., M.Phil., M.B.M.,<br>Associate Professor, Department of<br>Computer Science and Applications,<br>Sri Sankara Arts & Science College,<br>Enathur, Kanchipuram - 631501 |
|   | 2009 - 2010 | 05.03.2010 | Information Security<br><br>Programming Environment for Cloud<br>Computing | <b>Mr.J.Jacinth Salome</b> ,<br>Department of CS & B.C.A.,<br>Arulmigu Meenakshi Amman College<br>of Engineering,<br>Kanchipuram.<br><br><b>Mr.K.Shanmugam</b><br>Arulmigu Meenakshi Amman College<br>of Engineering,<br>Kanchipuram.   |
|   | 2010 - 2011 | 12.2.2011  | Personality Development  | <b>Seminar:</b><br>Mr.P.Tamizhselvan M.B.A Meridian<br>Telecom ltd., Purasavakkam, Chennai.   |
|   |             | 7.2.2011   | Hardware maintenance and Networking  | <b>National Level Workshop:</b><br>Mr.A.Russell Prem Raj Benjamin M.C.A<br>Head, Department of Computer Science&<br>Applications, Voorhees College, Vellore.<br>Mr.Madhankumar M.C.A Department<br>of Computer Science & Applications,<br>Voorhees College, Vellore.  |

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|                                       |             |            |  | Mr. Raguvaran B.Sc., & Mr. Mohan System Engineer, TCS, Chennai.   |
|                                       | 2011 - 2012 | 22.02.2012 | web crawlers   | Mr. L.Rajesh M.B.M.,M.C.A, M.Phil.,(Ph.D.,) Head, Associate Professor, Sri Sankara Arts and Science College Kanchipuram   |
|                                       | 2012 -2013  | 28.12.2012 | In-Plant Training (IPT)  | Mr. G.Sathyamoorthy, Branch Manager, HCL, Velachery, Chennai.   |
|                                       |             | 16.02.2013 | Data Modeling Business Intelligence  | Mr. T.Vivekanandhan M.S., (SE) TCS (IT Analyst) Sirucherri, Chennai.  |
|                                       | 2013 -2014  | 22.2.2014  | Recent Trend in Artificial Intelligence Skills and Recruitment Awareness                       | Mr. K.Panchatcharam Friends learn, Thiruvanmiyur, Chennai-41  |
|                                       | 2014 - 2015 | 10.02.2015 | (I) Big Picture: IT<br>(ii) Current Trends & Technologies<br>(iii) object oriented programming | Mr. Mohamed Ali, Technical lead, Scope International, Thuraipakkam, Chennai -96   |
| <b>DEPARTMENT OF COMPUTER SCIENCE</b> | 2015 -2016  | 9.9.2015   | National Conference on Advanced computing and Communications                                   | Dr. A. R. Mohamed Shanavas Associate Professor of Computer science Jamal Mohamed College (A), Trichy                      |
|                                       |             | 9.9.2015   |  | Dr. M. Nandhini Assistant Professor of Computer science Pondicherry University, Pondicherry                               |
|                                       |             | 10.9.2015  |  | Dr. G.T. Srivakshan Assistant Professor of Computer Science Swamy Vivekananda Arts & Science College, Orathur, Villupuram |

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| <b>DEPARTMENT OF COMMERCE</b> | 2006 -2007  | 05.12.2006 | Development of Stock Exchange  | Dr.K.Sivaloganathan,<br>Associate Professor in Commerce,<br>Principal of Arulperumjothi Arts and Science<br>College, Puducherry.  |
|                               | 2007 -2008  | 07.12.2008 | Recent Trend in Commerce   | Dr.J.Srinivasan, M.Com, M.Phil, M.B.A.,<br>Ph.D., Assistant Professor in Commerce,<br>Arignar Anna Government Arts and College,<br>Cheyyar.   |
|                               | 2008 -2009  | 29.09.2008 | 1. Human Resource Practices and<br>Strategies in Service Sector.<br><br>2. Entrepreneurship and Economic<br>Development. | Dr.Thiru G.P.Raman,M.Com.,M.B.A.,<br>M.H.R.M,B.L.,M.Phil.,Ph.D.<br><br>Reader and Head<br>PG Department of Commerce and Research,<br>Presidency College,<br>Chennai-600 005.<br><br>Major.Dr.(Tmt) K.Malathi, M.A.,B.Ed.,<br>M.Phil., Ph.D., Reader and Head of<br>Economics, Arignar Anna<br>GovernmentArts and Science College for<br>Women, Walajapet. Vellore (Dt). |
|                               | 2009 - 2010 | 13.03.2010 | Basics of Stock Market Investment  | Dr.Thiru.S.Aravanan, M.Com, M.Ed., M.Phil,<br>Selection Grade Lecturer in Commerce,<br>Department of Commerce, Pondicherry<br>University, Puducherry-605 014.   |
|                               | 2010 – 2011 | 04.02.2011 | Soft Skill   | Dr.J.Srinivasan M.Com., M.Phil.,M.B.A.,<br>Ph.D., Assistant Professor of Commerce,<br>Cheyyar. Academic Council Member,<br>Thiruvalluvar University, Vellore.   |
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|                                   | 2011-2012 | 29/10/2011                    | Women Entrepreneurship   | Mr. S.Sreedaran. M.Com, M.Phil.<br>Associate Professor in Commerce,<br>Muthurangam Govt.Arts College<br>(Autonomous)Vellore – 632 002.  |
|                                   | 2012-2013 | 5/2/2013                      | Recent trends in capital market  | Dr. T.M.Swaminathan.M.Phil, M.B.A., B.Ed.,<br>PGDPM., Ph.D.<br>Assistant Professor in Commerce,<br>Pachiyappa’s College for men,<br>Kanchipuram 631-501   |
|                                   | 2013-2014 | 10/2/2014                     | 1.Opportunity for commerce students,<br><br>2.Financial Education                                  | Prof.P.Manisankar, M.Com.MBA.,M.Phil.,C A<br>Inter (Ph.D) SEBI Certified Resource Person fo<br>Financial Education,<br>Assistant Professor,<br>Department of Management Studies,<br>Adhiparsakthi College of Engineering,<br>Kalavai,<br><br>Dr.Mohanraj, B.E.,M`B.A.,Ph.D<br>Assistant Professor,Director,<br>Department of Management Studies,<br>Adhiparsakthi college of engineering, Kalavai |
| <b>DEPARTMENT<br/>OF COMMERCE</b> | 2014-2015 | 10/10/2014<br>&<br>11/10/2014 | National level seminar<br>(NCBMW 14)<br>The Wonderful World of Glycobiology<br>and Glycotechnology | Dr.Niranjali DevarajChair person- School of<br>life Sciences, University of Madras, Chennai   |
|                                   | 2014-2015 | 7/2/2015                      | Personality Development & Soft Skill   | Dr.J.Srinivasan M.Com., M.Phil., Ph.D<br>Associate Professor in Commerce,<br>Muthurangam Govt Arts College<br>(Autonomous) Vellore – 632 002.   |

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|                                | 2015 -2016 | 14.9.2015  | National conference on Recent Trends and issues in commerce.   | Dr. N. Kesavan, Assistant professor of commerce, Annamalai University.  |
|                                |            | 14.9.2015  |  | Dr. Marimuthu, Assistant professor of Commerce, Jamal mohammed college, Trichy.   |
|                                |            | 15.9.2015  |  | Dr. J. Srinivasan, Associate professor & Research supervisor, Muthurangam Government arts college, (Autonomous), Vellore.     |
| <b>DEPARTMENT OF CHEMISTRY</b> | 2011-2012  | 13-09-2011 | Recent Trends in Chemistry with Instrumentation.   | Dr. Savithri Devaraj, Former Principal K.N. Arts College, (Autonomous) Tanjore.   |
|                                | 2012-2013  | 7/2/2013   | Spectroscopy-2013  | Mr.V.Ragavendran,<br>Assistant Professor Department of Science & Humanities,<br>SCSVMV University, Kancheepuram               |
|                                | 2013-2014  | 24-02-2014 | Advantages of Green Chemistry.   | Mr. C.T.Ravichandran<br>Head, Department of Chemistry, Arignar Anna Govt Arts College, Cheyyar.                               |
|                                |            |            | National level seminar (NCBMW 14)<br>New CNT Dendrimer nanohybrids for sensor drug delivery and bone tissue engineering application. | Dr.E.Murugan<br>Professor & Head, Department of Material Science, School of Chemical Sciences, University of Madras, Chennai. |
|                                |            |            | National level seminar (NCBMW 14)<br>Metagenomics  | Dr. Amutha Santhanam, Associate professor of Biotechnology, Thiruvalluvar university.   |
|                                |            |            | National level seminar (NCBMW 14)<br>Vaccine and their importance  | Ms. P. Saradhai, Assistant professor of Biochemistry Presidency college, Chennai.   |

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| <b>DEPARTMENT<br/>OF<br/>BIOCHEMISTRY</b> | 2006 -2007  | 10.11.2006  | Basic microbiological & Biochemical Techniques   | Mr.V.Balamurugan M.Sc, BEd, PGDCA,<br>Chief Educational Officer, Tiruvannamalai<br>Funded by Tamilnadu<br>State council for Science<br>and technology  |
|   | 2007 -2008  | 26.9.2008   | Bone pain & Drug Delivery  | Dr.Asokan M.Sc., M.Phil, Ph.D<br>Senior Professor of Biochemistry,<br>Abdul Hakeem college, Melvisaram.<br>Dr.S.SyedSafi M.Sc., M.Phil, PhD<br>Islamia College, Vaniyambadi.                                     |
|   | 2009-2010   | 17.2.2010   | Tran genesis   | K.Suresh M.sc., B.Ed.,Ph.D<br>Senior Professor of Biochemistry,<br>Annamalai-University<br>Chidambaram.  |
|   | 2010 - 2011 | 20.12.2010  | Cell biology of<br>Drug delivery<br><br>Hepatorenal toxicity in Bio chemical<br>approach | Prof.Dr.Lawrence Rajendran., PhD<br>Co-director & Asst.Prof.System<br>& Cell Biology of Neurodegeneration,<br>Switzerland<br><br>S. Palani., Ph.D<br>Asst.Prof Of Biotechnology<br>Arunai Eng-College- T.V Malai |
|   | 2011 - 2012 | 13-.09.2011 | Isolation & Purification of<br>chemical compound &<br>its application                    | Dr.(Tmt) Savithri Devaraj M.Sc.,<br>Mphil.,B.Ed.,Ph.D<br>Former Principal of Tanjore Arts college &<br>Advisor Of Sri Akilandeswari women's<br>college Wandiwash.  |

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|  | 2012 -2013  | 19.10.2012 | Zoo noses Causes & Prevention                             | Dr.Mr.P.Balasubarmian<br>M.sc., (NET-CSIR) Ph.D.<br>Asst-Professor<br>PG & Research Dept.of Zoology<br>Govt. Arts college<br>Kumbakonam.                                    |
|  |             | 01.03.2013 | Recent trends in Modern science                           | Dr.R.Narasimman. M.sc., Ph.D<br>Junior Rice breeder<br>PKVK, Pondicherry.<br>Dr.Sevelango M.A., M.Phil., Ph.D.<br>PKVK, Pondicherry.  |
|  | 2013 -2014  | 11.02.2014 | Zoobiquity  | Dr.B.Chandramohan M.Sc., Ph.D<br>Senior research Officer<br>Molecules wild life forensic<br>& disease Diagnostic lab,<br>Veterinary & animal science University.<br>Kerala. |
|  | 2014 - 2015 | 10.10.2014 | Neo Perspectives on chemical, Biochemical Microbial World | Dr.S.Niranjalideveraj<br>Chair person School of<br>Life science, Head & Dept-of<br>Biochemistry, University of Madras.  |
| <b>DEPARTMENT OF COMPUTER APPLICATIONS</b> | 2006 -2007  | 29.12.2006 | i) Data Mining & Ware Housing                             | Mr. T.Velmurugan M.Sc., M.Phil, PGDCA, B.Ed.,<br>Professor,<br>Department of Computer Science,<br>D.G.Vaishnava College,- Chennai.  |
|  | 2006 -2007  | 29.12.2006 | ii) Bluetooth Technology                                  | Mr.Jothish M.Sc.,<br>Trainer, - Indicom Software & Services.<br>Thiruvanmiyur, - Chennai.   |

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|  | 2007 -2008                                | 25.02.2008  | Features of Tackling IT field                     | Wintek Technology Nokia, SEZ, Sriperumpudur, Chennai.  |   |
|  |   | 04.03.2008  | Computer operating and programming                | Leading IT academic computer education, Tindivanam.  |   |
|  |   | 17.03.2008  | How to face the interview with resume preparation | Mr. R.Krishnaraj, ICFAI, National College, Kancheepuram.   |   |
|  | 2008 – 2009                               | 31.10.2008  | Web Mining  | Mr. L.Rajesh, M.C.A., M.Phil, M.B.A., Assistant Professor, Sri Sankara Arts & Science College. Kancheepuram. |   |
|  | 2009 - 2010                               | 05.03.2010  | Information security                              | Ms. Jacinth Salome, Assistant Professor, Department of computer science, AAA College, Kallakurichi.          |   |
|  | 2010 - 2011                               | 07.02.2011  | Hardware Maintenance & Networking                 | Mr. Russell Prem Raj Benjamin, HOD, Department of Computer Science, Voorhees College, Vellore.               |   |
|  | <b>DEPARTMENT OF COMPUTER APPLICATION</b> | 2010 - 2011 | 12.02.2011  | Personality Development  | Mr. R.Tamizhselvan M.B.A., Senior sales manager, Meridian Telecom Ltd, Chennai.       |
|  |   | 2011 - 2012 | 16.02.2012  | Nanotechnology   | Mr.M.C.Sureshkumar, Assistant Professor, Savitha University - Chennai.                |
|  |   | 2011 - 2012 | 16.02.2012  | Nanotechnology   | Mr. Deepak B.E., Assistant Professor, Department of ECE, Savitha University, Chennai. |



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|  | 2012 - 2013 | 26.02.2013 | Information security             | Mr.V.M.Shenbagaraman M.B.A., Ph.D.,<br>Asst.Professor, School of Management Studies,<br>SRM University,Chennai. |
|  | 2012 - 2013 | 26.02.2013 | Personality Development          | Mr. P.Saravanan M.B.A.,<br>Assistant Professor,<br>School of Management Studies,<br>SRM University,<br>Chennai. |
|  | 2013 -2014  | 26.02.2014 | Android and Google web tool kit  | R.Gnanam Ragupathi B.E.,M.B.A.,<br>Android Application Developer,<br>HCL Technologies Ltd.                      |
|  | 2014 - 2015 | 14.02.15   | Recent trend in web technologies | Mr. T. Dhanabal M.C.A.,(Ph.D.,)<br>Senior Software Developer,<br>HCL Technologies Ltd.                          |
|  | 2014 - 2015 | 14.02.15   | Recent trend in web technologies | Mr. G.Sabareesh M.C.A.,<br>Web Admin, KCG InfoTech Pvt Ltd,<br>Chennai.   |

**3.1.5. Give details of the faculty involvement in active research (Guiding student research, leading Research Projects, engaged in individual- collaborative research activity , etc. minor and major projects, funding from the Government, UGC, DST, CSIR, AICTE, Industry, NGO or International agencies)**

We are planning to apply for these Research Projects.

**3.1.6. Give details of Workshops- training programmes-Sensitization programmes conducted – organized by the institution with focus on capacity building in terms of research and imbining research culture among the staff and students.**

We have conducted orientation programmes and professional enhancement training programme for staff, focusing on the need to ensure quality teaching, research oriented teaching- learning process and about professional ethics in association with ASSET on 31.8.2014 & 1.9.2014.

Students & staff development programme to undergo NET/ SET was conducted on 10.10.2013, during which Dr.K.Parthasarathy, Director, Bharathidasan University, Trichy, has conducted a training course for staff members

As a part to encourage students and staff members to make use of E –resources in various fields, our Librarian Mrs. K. Kalarani, has delivered a lecture on “Access to e- resource” for a week

On 19.9.2015, one day workshop on “Scope & Destination of Life science Paths” was conducted during which Dr. Preetham Elumalai, Assistant Professor of Biochemistry, Kerala University of Fisheries & Ocean Studies, Kochin, Kerala trained all the students and faculties regarding preparation of Proposal to get funding from various funding agencies.

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

| Name of the staff    | Department   | Prioritized research areas   |
|----------------------|--------------|--|
| Dr.D.Bharathi        | Zoology      | Limnological studies of few freshwater habitats in and around Chennai city.  |
| Dr.G.Subbulakshmi    | Commerce     | Perception and practices of Food safety and its impact on family health with special reference to rural consumers. |
| Mrs.G.Thamizselvi    | Economics    | Economics analysis of gender and migration with Special reference to Cuddalore District.                           |
| Dr.V. Selvaraj       | Chemistry    | Organic reaction under heterogonous condition using phase transfer catalysis a kinetic study.                      |
| Mr.S.Selvakumar      | Physics      | Crystal growth and characteristics techniques.   |
| Mrs. K.Jagathy       | Microbiology | Uri case enzyme production from marine fungal and its therapeutics values.   |
| Mrs. K.Vanmathiselvi | Microbiology | Isolation and characterization of silver nanoparticles from Fusarium   |

|                     |              |   |
|---------------------|--------------|---|
|                     |              | oxysporum and their therapeutics potentials.  |
| Ms. J. Sujatha      | Microbiology | Antidermatophytic activity of traditional medicinal plants against superficial mycosis  |
| Ms.V.Vijayalakshmi  | Microbiology | Sustainable process optimization for cultivation of paddy crop in and around Villupuram District.   |
| Ms. J. Sangeetha    | Microbiology | Antibacterial activity of sea grass against ocular human pathogens.   |
| Dr. S. Sivakalai    | Microbiology | Studies on Microbial treatment for the decolorization and degradation of textile dye effluent in the management of environment pollution. |
| Ms.K. Padmalochana  | Biochemistry | Biochemical toxicology.   |
| Mrs.J. Kalaimathi   | Biochemistry | Cancer biology  |
| Ms.M.K. Vadivazhagi | Biochemistry | Marine Biochemistry<br>Environmental biology.   |
| Mr.P. Nithya Kumar  | English      | Afro American Literature  |
| Mr.C.Kumaran        | Physics      | Synthesis and Characterization of Nano Materials  |

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

The management insists on bringing eminent researchers to the college and invites such research person to address and interact with our students. The Principal and senior faculty identify and contact researchers through personal contacts, in conferences attended, websites and invite them personally to address and interact with our staff and students.

For example, the college took consistent efforts to keep in touch with:

- Chief Dr.Lawrence, co-coordinator & Asst. professor, systems & cell biology of neurodegeneration, university of Zurich, Switzerland who has delivered a speech on cell biology of drug delivery during national level seminar conducted by Microbiology and Biochemistry on 20-12-2010.
- Dr. S. Niranjali deveraj, Chair Person School of life science, Head & Department of Biochemistry, University of Madras had delivered speech on “Neo Perspectives On chemical, Biochemical Microbial World on 10.10.2014
- Dr.B.Chandramohan M.sc., Ph.D., Senior Research Officer, Molecules wild life forensic disease Diagnostic lab, Veterinary & Animal science University, Kerala delivered a speech regarding Zoobiquity on 11-02-2014.
- Mr.Venu Venkatraman, Founder, Buddha IAS Academy, Chennai has delivered an innovative speech regarding how to face civil service and UPSC exam for our students on 26-02-2015.

- Dr. G. Vishvanathan ,Former Vice Chancellor, Anna University, Chennai has given a special address on the basis of curriculum and a motivational speech to our students on 06-03-2013.

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

As per the requirement the college is providing leave for the faculties to carry on their research works

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

Azolla – Importance to farmers Green and White revolution.

Our institution is popularizing the cultivation of Azolla for supplementing the Fodder requirements of the farmers in the district.

The rapid multiplication rate makes Azolla ideal organic feed substitutes for livestock. Azolla as feed substitute shows that there is an overall increase in milk production by 15-20 percent by supplementing feed with the same quantity of the plant on dry weight basis without affecting milk production.

**3.2. Resource Mobilization for Research**

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

With the introduction of M.Phil., the requisite amount is allotted as and when required by the management and utilized by the departments for optimum investment in the purchase of research books and journals.

| S.NO | Year       | Percentage of budget allotted for Research | Percentage of budget Utilised for Research |
|------|------------|--|--|
| 1    | 2010 -2011 | 5  | 2  |
| 2    | 2011-2012  | 9  | 7  |
| 3    | 2012-2013  | 15   | 14   |
| 4    | 2013-2014  | 23   | 20   |
| 5    | 2014-2015  | 25   | 23   |

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

Need has not arisen for the faculty to avail seed money from the institution for their research work.

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

There is no financial provisions but all other academic support is made available for PG and M.Phil, students to do their research projects.

**3.2.4. How does the various departments/Units/staff of the institution interact in undertaking interdisciplinary research? Cite examples of successful endeavours and challenges faced in organising interdisciplinary research.**

So far we have not undertaken any interdisciplinary research in our institution. We have plans to do so in the future.

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

Usage of Net by UG, PG and M.Phil, students.

- Well equipped laboratories
- INFLIBNET – facilities
- NPTEL facilities

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

No.

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

As we have secured 12(B) status from UGC in 2015, we are planning to acquire such funds in the future.

**3.3. Research facilities**

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

| INFRASTRUCTURE             | FACILITIES   |
|----------------------------|--|
| <b>ADEPT, Language lab</b> | Computers with free internet facilities  |
| <b>Departments</b>         | Each Department with 1 computer with internet facility and 75 Books.   |
| <b>Library</b>             | 9820 Books,<br>639 Reference Books,<br>63 Journals,<br>20 Periodicals,<br>5 Computer with internet<br>Online resources: INFLIBNET with 6000 E-Resources & 97,000 E-Books |

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

The management insists on updating the laboratory facilities for Research courses. Additional class room facilities enhanced for newly affiliated courses are renowned every year. The PG and research departments recommend books that deal with upcoming areas of research and the management takes every step to purchase books as per the requirement.

The college has acquired membership to N-list programme of INFLIBNET and NPTEL to make e-resource available for students and faculty.

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

As we have received 12(B) status from UGC in 2015 we are planning to acquire such funds and create facilities in the future.

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

Our PG and M.Phil, students carry a part of their project work in Smart Bio Solution, Chidambaram, Refsyn Pondicherry, Art Mat Biotech, Chennai.

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

The Language Lab and the Library are the research facilities available to our staff and students.

| <b>LIBRARY</b>                     |                                   |
|------------------------------------|-----------------------------------|
| CATEGORY                           | DETAILS                           |
| Back volumes                       | 1458                              |
| National Magazines                 | 18                                |
| Conference and seminar proceedings | 14                                |
| News Papers                        | 6 (2 sets)                        |
| <b>Total No. of volumes</b>        | <b>9,820</b>                      |
| <b>Total No. of Titles</b>         | <b>2723</b>                       |
| <b>Number of Reference Books</b>   | <b>639</b>                        |
| Books for IAS preparation          | 10                                |
| National Journals                  | 58                                |
| International Journals             | 5                                 |
| <b>Number of Periodicals</b>       | <b>20</b>                         |
| Number of CDs                      | 120                               |
| Number of computers with Internet  | 5                                 |
| Number of printers                 | 1                                 |
| e-resources                        | 6000 E-resources<br>97000 E-Books |
| Reprography                        | Copier, printer, scanner          |
| Book Bank                          | Yes                               |
| Question Bank                      | Yes                               |

|                                |                                     |
|--------------------------------|-------------------------------------|
| Online Public Access Catalogue | Yes                                 |
| Project reports                | 67                                  |
| Thesis and Dissertations       | 95                                  |
| University Syllabus            | Yes                                 |
| Department Library             | Each Department contain 75 Books    |
| ADEPT, Language lab            | Yes Computer with internet facility |

### 3.4. Research Publications and awards

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

Our faculty members have been researching in their specific areas of specialization. The following original research contributions have been made by our science faculties.

| Name              | Research field  |
|-------------------|---|
| Dr.D.Bharathi     | Limn logical studies of few freshwater habitats in and around Chennai city.   |
| Dr.G.Subbulakshmi | Perception and practices of Food safety and its impact on family health with special reference to rural consumers.                        |
| Dr. V.Selvaraj    | Organic reaction under heterogeneous condition using phase transfer catalysis a kinetic study.  |
| Dr.S.Sivakalai    | Studies on Microbial treatment for the decolonization and degradation of textile dye effluent in the management of environment pollution. |

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

We have planned to install a journal which will be comprised the research articles of science & Humanities.

### 3.4.3. Give details of publication by the faculty and students.

#### Annexure – II (List of Publications by Faculty and Students)

| S.No. | Name of the Department                                | No. of National Journals | No. of International Journals | Total |
|-------|---|--------------------------|-------------------------------|-------|
| 1.    | Department of Tamil                                   | 2                        | 5                             | 7     |
| 2.    | Department of English                                 | 13                       | 18                            | 31    |
| 3.    | Department of Biochemistry                            | 16                       | 27                            | 43    |
| 4.    | Department of Computer Science & Computer Application | 19                       | 3                             | 22    |
| 5.    | Department of Chemistry                               | 12                       | 1                             | 13    |
| 6.    | Department of Commerce                                | 15                       | 0                             | 15    |
| 7.    | Department of Microbiology                            | 12                       | 16                            | 28    |
| 8.    | Department of Mathematics                             | 18                       | 8                             | 26    |
| 9.    | Department of Physics                                 | 4                        | 1                             | 5     |

| S. No. | Name of the publication | Title of the books  | ISBN.NO           | No. Of Research articulated contributed |          |
|--------|-------------------------|---|-------------------|---|----------|
|        |                         |   |                   | Faculty                                 | Students |
| 1.     | TNBH publishers         | Chemical Biochemical and Microbial World (Neoperspective)                 | 978-81-7511-051-9 | 23                                      | 14       |
| 2.     | Sri MB publishers       | International conference on Perspectives of Language, Literature & Theory | 9788181242013     | 15                                      | 83       |
| 3.     | Bagavathi publications  | Recent trends and theme in Indian English literature                      | 97881907677-8-1   | 14                                      | 46       |
| 4.     | Sri MB publishers       | Advanced computing and communications                                     | 9788181241986     | 18                                      | 49       |
| 5.     | Sri MB publishers       | Modern trends in mathematical analysis and applications                   | 9788181241436     | 13                                      | 48       |
| 6.     | Sri MB publishers       | Recent trends and issues in commerce                                      | 9788181242006     | 09                                      | 51       |



|  |  |
|--|--|
| Number listed in International Database ( Web of Science, Pubmed, Elsevier, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO, EMBASE, host, etc.) | Total papers :20                         |
| Citation Index – range / average   | 1-699                                    |
| SNIP   | 0.5 -2.0                                 |
| SJR  | 0.1 -1.4                                 |
| Impact Factor – range / average  | Papers with impact factor:38 (0.5 - 5.2) |
| h-index Range  | 4 -13                                    |
| No. of National/International Journals   | 76                                       |

#### **3.4.4. Provide details (if any) of research award received by the faculty**

One faculty from Department of Biochemistry Mrs. J. Kalaimathi has received Dr. Radhakrishnan Gold Medal Award from “Global Economic Progress & Research Association (GEPR)” for specialisation in education and doing yeoman service.

### **3.5. Consultancy**

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

1. Placement Cell.

2. Industrial Visit

We have appointed a placement officer. She finds out the requirements of the industries and companies and then provides intensive training to students in industry readiness. Representatives from the industry are encouraged to make presentations to our students who register for placement. Many major companies visit the college every year for recruitment.

Industrial visits are arranged for students of UG & PG (Microbiology, Biochemistry, and Chemistry & Physics)

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

We are planning for consultancy services in the departments of Biochemistry and Microbiology

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

At present such facilities are not available.

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

The Major Consultancy services are not existing.

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

The consultancy services are not yet started as the question of generation of revenue does not arise now.

### 3.6. Institutional Social Responsibility (ISR) and Extension Activities

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

##### RRC

Red Ribbon Club-ARIBAS was installed to motivate values of service, develop healthy life styles, and increase availability of safe and adequate quantities of blood to all the needy among all the students in the educational institutions. We also aim at harnessing the potential of the youth by equipping them with correct information on mental health, substance abuse, nutrition and reproductive health: and building their capacities as peer educators in spreading message on positive health behavior in an enabling environment. Red Ribbon Club was started in 2005 and various events like blood donation camp, rally, awareness programmes, training programme, human chain and invited speeches are organized throughout the academic year.

Events organized by RRC are as follows:

| S.NO | EVENT DATE | EVENTS ORGANISED   |
|------|------------|--|
| 1    | 1.12.2006  | World AIDS awareness rally   |
| 2    | 2.12.2006  | AIDS awareness related drama, Dr. Usha, PHC, Thellar   |
| 3    | 8.3.2007   | World Women's day was celebrated.<br>Hb level was checked for women and 50 student volunteers donated their blood.                           |
| 4    | 26.7.2007  | AIDS awareness conference  |
| 5    | 6.8.2007   | Blood group and Hb level was checked   |
| 6    | 8.3.2008   | Blood donation camp  |
| 7    | 7.7.2008   | RRC training programme   |
| 8    | 6.3.2009   | Blood donation camp was organized and 110 units blood was donated by students.   |
| 9    | 11.2.2010  | A Speech was delivered on "Celebrating Life" by Mr.K.Rajendiran, MSW, RRC District Manager, Thiruvannamalai, TamilNadu AIDS Control Society. |
| 10   | 14.3.2010  | Women's day rally  |
| 11   | 20.4.2010  | Fund raised to help AIDS patients  |
| 12   | 20.4.2010  | "Disaster management" conducted by RRC & Fire service  |

|    |            |  |
|----|------------|--|
| 13 | 15.12.2010 | “Electricity Conservation” rally                                 |
| 14 | 29.7.2011  | Blood donation camp was organized and 75 students donated blood. |
| 15 | 29.7.2011  | Lecture was organized on “Communicable diseases”                 |
| 16 | 27.8.2012  | Rally was conducted on Electricity Conservation.                 |
| 17 | 25.9.2012  | Blood donation camp was organized and 50 students donated blood. |
| 18 | 20.3.2013  | Peer education   |
| 19 | 25.1.2013  | Rally on “Right to vote”   |
| 20 | 14.2.2014  | RRC training by Thiruvalluvar University                         |
| 21 | 8.3.2014   | Blood donation camp was organized                                |

### **NUTRITION AND HEALTH CLUB**

Our College launched Nutrition & health club in the year 2006. This club is useful for creating Nutritional Awareness and health awareness for students.

Events organized by nutrition and health club are as follows:

| S.NO | EVENT DATE | EVENTS ORGANISED   | RESOURCE PERSON   |
|------|------------|--|---|
| 1    | 13.7.2006  | Chickunguniya Awareness  | Dr.Thamarai   |
| 2    | 15.12.2007 | Nutrition Awareness with Real Time Examples                                    | Ms.J.Harine Sargunam  |
| 3    | 18.8.2008  | Medical checkup for our students such as Hb, Blood Pressure, Height and Weight | Doctors from Chengalpet Government medical college hospital   |
| 4    | 1.12.2009  | World AIDS Day Awareness Programme   | AIDS controller, District Manager Mr. K. Rajendran  |
| 5    | 9.9.2010   | Nutritional Awareness Camp   | Ms.Revathi  |
| 6    | 9.9.2010   | Anemia Awareness Among Our College Students                                    | Ms. L.Sakthi Uma Maheswari  |
| 7    | 13.7.2011  | Obesity Awareness  | Ms Uma  |
| 8    | 10.10.2012 | Indoor Weight Awareness Programme  | Dr. Muthu kumara swami  |
| 9    | 22.8.2013  | Malaria Awareness Programme  | Dr. Thamarai  |
| 10   | 5.5.2015   | Dengue Fever Awareness Human Chain Programme In Cheyyar                        | District collector Mr. A. Gnanasekaran and Assistant Director Dr.Senthil Kumar started the programme. |

## ECO CLUB

The Eco club of Sri Akilandeswari Women's College, Wandiwash was inaugurated on 19-10-2012 with the objective of generating awareness about ECO Club among young students of the college and also to motivate them to participate in various ECO friendly activities. Objectives of the Eco club are to create environmental awareness, conservation of water, minimize the use of plastic bags, awareness on health and hygiene and avoid water logging. Eco club conducts various events like invited lectures, celebration of special days like population day, Environment day, energy conservation day and other competitions which include Quiz, Essay, painting on various environment issues.

Events organized by ECO club are as follows:

| S.NO | EVENT DATE               | EVENTS ORGANISED   | RESOURCE PERSON  |
|------|--------------------------|--|--|
| 1    | 19.10.2012               | “Zoonoses- causes and prevention” seminar  | Dr. Balasubramanian P. Assistant professor Govt Arts college, Kumbakonam   |
| 2    | 11.12.2012               | Pulse Polio Immunization” conducted at Setharakuppam and Kandanullur village     | Eco club Members   |
| 3    | 11.12.2012               | Tree plantation, Temple cleaning and primary health centre                       | Eco club Members   |
| 4    | 10.12.2012<br>16.12.2012 | to To motivate awareness on the plantation of trees to the public in our society | Dr. D.Bharathi, Assistant Professor, Sri Akilandeswari Women's College   |
| 5    | 25.1.2013                | Road safety week- Rally  | Eco club   |
| 6    | 6.3.2013                 | World Science Day  | Shiva Elango, superintendent cum administrative officer and Narasimman R. pernthalaivar kamarajar krishi vigyan Kendra, Kurumbapet Pondicherry |
| 7    | 5.1.2014                 | Awareness on Environmental Pollution to the public                               | Mrs.J.Kalaimathi Assistant professor, Department of Biochemistry, SAEWC,   |
| 8    | 22.2.2014                | Tree plantation  | Eco club Members   |
| 9    | 24.2.2014                | Awareness of cancer  | Samidas S., project officer, joint director, women program, T.V.Malai  |
| 10   | 2.2.2015                 | Lecture on “combating, Desertification, land degradation and drought”            | Dr.D.Bharathi Assistant professor SAWEC, Wandiwash   |

## LEO CLUB

LEO Club of Sri Akilandeswari Women's College, is a social club. It is one of the most famous and earliest established clubs in the campus. It is guided by the parent organization the LIONS club of Wandiwash, Rocktown. The LEO club of SAEWC Rocktown is affiliated to the LIONS club international. In the year 2004, 30 students were sponsored from SAEWC by the LIONS club of Wandiwash. The LEO club members together selected the office bearers. The stated purpose of the Leo Club Program is "To promote service activities among the youth of the community which will develop the individual qualities of Leadership, Experience and Opportunity and also to unite its members in friendship, fellowship and mutual understanding." The mission of Lions is to empower volunteers to serve their communities, meet humanitarian needs, encourage peace and promote international understanding through Lions clubs. Our motto is "We Serve." Lions are part of a global service network, doing whatever is necessary to help our local communities.

Events organized by LEO club are as follows:

| S.NO | EVENT DATE | EVENTS ORGANISED               | RESOURCE PERSON  |
|------|------------|--------------------------------|--|
| 1    | 1.12.2006  | AIDS awareness rally program   | Principal,Dr.Brinda Ramachandraa.SAEWC   |
| 2    | 18.8.2007  | Blood donation camp            | Former District Governor Ln.V.S.Thalapathi, Advisor Ln.R.Saravanan                                   |
| 3    | 24.9.2007  | Special Medical Camp           | Dr.Nareshkumar, Harvey Hospital. Former District Governor Ln.V.S.Thalapathi, Advisor Ln.R.Saravanan  |
| 4    | 25.8.2008  | Tree plantation                | Former District Governor Ln.V.S.Thalapathi   |
| 5    | 30.8.2008  | Sponsorship                    | Chairman Ln.B.Munirathinam   |
| 6    | 30.3.2009  | Educational Scholarship        | District President Ln.V.Narayanamoorthy  |
| 7    | 12.9.2009  | Monthly meeting                | Ln.Thiru B.Munirathinam  |
| 8    | 25.1.2010  | Medical camp (cardiac disease) | Dr.Nareshkumar, Harvey Hospital. Former District Governor Ln.V.S.Thalapathi, Advisor Ln.R.Saravanan. |
| 9    | 26.7.2010  | Blood donation camp            | Dr.Selvamuthukumar Chengalpet Hospital.  |
| 10   | 28.7.2011  | Blood donation camp            | Dr.Selvamuthukumar Chengalpet Hospital,V.Gunaseelan MLA  |
| 11   | 25.8.2011  | Tree plantation                | Former District Governor Ln.V.S.Thalapathi, Advisor Ln.R.Saravanan                                   |

|    |           |                             |   |
|----|-----------|-----------------------------|---|
| 12 | 15.3.2012 | Blood grouping camp         | Former District Governor<br>Ln.V.S.Thalapathi,<br>Secretary Ln.M.Ramanan    |
| 13 | 11.8.2012 | Tree plantation             | District Governor<br>Ln.N.G.Ravichandran,                                   |
| 14 | 26.9.2012 | Blood donation camp         | Former District Governor<br>Ln.V.S.Thalapathi.                              |
| 15 | 18.8.2013 | Sponsorship for Deaf & dumb | Leo Club President Babi<br>Yoganatham.                                      |
| 16 | 22.9.2013 | “Touch the sky”             | LEO club president A.Vijayan and<br>District LEO Governor M.S.<br>Murugappa |
| 17 | 14.7.2014 | Special Training Programme  | LEO president<br>V.Sivaramakrishnan   |
| 18 | 7.7.2015  | New Leader Election         | Leo club President<br>P.M.J.F.Raguvaran.                                    |

## YRC CLUB

Youth Red Cross is functioning in our college. Objectives of Youth Red Cross is to take care of their health and that of others .Understanding and accepting civil responsibilities, maintaining the spirit of friendliness and helpfulness towards other children in India and all over the world ,to inculcate youth in a service motto towards serving the less privileged brethren, dissemination of the Red Cross Movement; International Humanitarian Law and the protection of health and life Community service Promotion of national and international friendship and understanding by using the international links of the Movement. Various events like Rally, invited lectures, blood screening camp, blood donation camp, social awareness programmes were conducted and special days like Youth eradication day are celebrated.

Events organized by YRC club are as follows:

| S.NO | EVENT DATE | EVENTS ORGANISED                      | RESOURCE PERSON   |
|------|------------|---------------------------------------|---|
| 1    | 15.2.2007  | “Importance And Activities Of YRC”    | M.J.F.Ln.P.Indirarajan.B.Sc. DYSED. District Red Cross Honorary Secretary, Thiruvannamalai. |
| 2    | 6.8.2007   | Blood Donation Camp                   | doctors from the Chengalpet Government hospital   |
| 3    | 3.9.2008   | Blood Grouping Identification Program | YRC coordinator and club members  |
| 4    |            | The Blood Grouping And Urine Analysis | YRC coordinator and club members  |

|   |                           |   |   |
|---|---------------------------|---|---|
| 5 | 15.12.2010                | Electricity Saving Week                     |   |
| 6 | 13.07.2013                | Power Saving Awareness                      |   |
| 7 | 08.03.2014                | Women's Day Rally                           |   |
| 8 | 27.11.2014<br>&28.11.2014 | Disaster Management And Family News Service | Indian Red Cross Society  |
| 9 | 27.6.2015                 | "Drug Eradication Day"                      | Mr. A. Jeyaraj.M.A.,B.Ed.,<br>Director,Rural Institute for<br>Development<br>Education,Kanchipuram. |

### CONSUMER CLUB

Events organized by CONSUMER club are as follows:

| S.NO | EVENT DATE | EVENTS ORGANISED   | RESOURCE PERSON   |
|------|------------|--|---|
| 1    | 24.12.2008 | National Consumer Day  | Mr.Venkatesan,<br>District Coordinator of Consumer Club   |
| 2    | 29.7.2009  | The Consumer Awareness Programme                             | Mr.Venkatesan,<br>District Coordinator of Consumer Club   |
| 3    | 18.8.2009  | The Consumer Basic Needs With Safety.                        | Mr.Venkatesan,<br>District Coordinator of Consumer Club   |
| 4    | 26.12.2009 | Consumer Court Rules And Regulations                         | Mr.Venkatesan,<br>District Coordinator of Consumer Club   |
| 5    | 6.1.2011   | Views On Consumerism   | Consumer Club Members                                     |
| 6    | 4.1.2011   | "Consumer Health Awareness About Medicine"                   | Ms.S.Geetha   |
| 7    | 12.10.2012 | Right To Information Act                                     | Mr.Venkatesan,<br>District Coordinator of Consumer Club   |
| 8    | 31.12.2012 | "Students Part In Consumer Awareness".                       | Mr.Venkatesan,<br>District Coordinator of Consumer Club   |
| 9    | 15.3.2013  | "Protection of Product Adulteration and Their Laws (Or) Act" | Mr.Venkatesan,<br>Coordinator of consumer club            |
| 10   | 6.1.2014   | World Consumer Rights Day                                    | SAWC CCC members  |
| 11   | 31.1.2015  | Consumer's Rights And Need For Consumer Awareness            | Collector Mr.A.Gnasekaran, president<br>R.Muthukumarasamy |

## NSS

National Service Scheme was functioning since 1999. There are two units and 200 NSS Volunteers are serving to the society through this programme. The NSS Programme Officers attended the Orientation course conducted by Empanelled Training Institution, Egmore, and Chennai. The Motto of National service scheme is “NOT FOR ME BUT FOR YOU”. The Aim and objective of N.S.S are Education through service Inculcate the habit of doing service to the society Self Discipline. Services of N.S.S are Temple cleaning –”UZHAVARAPANI”, Cleaning, White washing- class room, temple, public places etc.

Health Education: Behalf of the NSS we organize Blood Donation Rally, Saving Electricity Rally, International Women’s Day, Consumer Awareness programme, Veterinary Camp programme, Herbal Medicine – Usage, Aids Awareness programme, Free Medical Camp, Environmental Pollution Awareness programme. Apart from this we organize special camp.

Events organized by NSS are as follows:

| S.NO | EVENT DATE            | EVENTS ORGANISED   | RESOURCE PERSON  |
|------|-----------------------|--|--|
| 1    | 30.8.2006 to 8.9.2006 | National Service Scheme camp was conducted in Avanavadi village        |  |
| 2    | 30.8.2006             | Blood and Urine test camp  | Ms.Padmaloohana Assistant professor in Biochemistry SAWEC, Wandiwash   |
| 3    | 1.9.2006              | Chickun guniya awareness<br>AIDS AWARENESS<br><br>“Importance of Yoga” | Mr.A.Elumalai, DFO, Tamilnadu AIDS control society, Thiruvalluvar University<br>Mrs.J.Chaarumathi<br>Mrs.S.Karpagavalli<br>Programme Officer in YOGA |
| 4    | 2.6.2006              | “HERBAL TREATMENT” awareness   | Dr..B.M.Sujatha Assistant professor in Botany, SAWEC, Wandiwash  |
| 5    | 25.1.2008             | “Poisonous Foods”  | G.Sarojini Assistant professor in Microbiology, SAWEC, Wandiwash   |
| 6    | 26.1.2008             | “Siddha Medicines”   | Dr..B.M. Sujatha Assistant professor in Botany, SAWEC, Wandiwash   |
| 7    | 27.1.2008             | “Awareness of Diabetics” and “Formation of Anemic”                     | Ms.R.Ezhilarasi Assistant professor in Biochemistry, SAWEC, Wandiwash  |
| 8    | 28.1.2008             | “Youth participation in India development”                             | Mrs.R.Revathi Assistant professor in Tamil, SAWEC, Wandiwash   |
| 9    | 29.1.2008             | Awareness of “Breast cancer”   | Ms.R.Ezhilarasi Assistant professor in Biochemistry, SAWEC, Wandiwash  |
| 10   | 30.1.2008             | “Uses of Meditation and Yoga” “Free Legal advice”                      | Mr.M.P.Murugesh, Teacher,Arani. YOGA   |



|    |                        |  |   |
|----|------------------------|--|---|
|    |                        | “Importance of Women’s Education”                                  | Mr.L.Kumar B.A.,B.L.,Advocate Wandiwash.<br>Ms.R.Shanthi Assistant Professor in Tamil, SAWEC, Wandiwash                                   |
| 11 | 22.12.2008             | Inaugural address  | DR.Sivachandrabose NSS Co-coordinator, Thiruvalluvar University, Vellore.   |
| 12 | 23.12.2008             | “FIRST AID AWARENESS”<br>“awareness of heart diseases”             | Mrs.Revathi, Physical Director, SAWEC, Wandiwash.<br>MS. K.Padmaloचना Assistant professor in Biochemistry, SAWEC, Wandiwash               |
| 13 | 24.12.2008             | Bank Loan for Women’s upliftment<br><br>“ Air and Noise pollution” | Mrs.S.Sunitha, Assistant Professor in Commerce, SAWEC, Wandiwash.<br>Mrs.B.M.Sujatha Assistant professor in Botany SAWEC, Wandiwash       |
| 14 | 25.12.2008             | “Awareness of Jaundice”  | MS. K.Padmaloचना Assistant professor in Biochemistry, SAWEC, Wandiwash  |
| 15 | 26.12.2008             | “Importance of Healthy Food”<br><br>“Awareness of Encephalitis”    | Mrs.M.Jayanthi N & D department.<br>Ms.G.Sarojini Assistant professor in Microbiology, SAWEC, Wandiwash                                   |
| 16 | 27.12.2008             | “Free Legal Advice”  | Mr.L.Kumar B.A.B.L., Advocate, Wandiwash.   |
| 17 | 4.1.2010 to 09.01.2010 | NSS Special camp<br><br>The Inaugural address                      | Mrs.S.Neelaveni Thasildhar and Mrs.R.Santha, Block development officer, Mr.L.Rajagopal, AEEO, Wandiwash, Mr.S.Elumalai, Village president |
| 18 | 5.1.2010               | “Awareness of Malaria”   | Mrs.J.Kalaimathi Assistant professor in Biochemistry, SAWEC, Wandiwash  |
| 19 | 6.1.2010               | “Awareness of AIDS”  | Mr.K.Rajendiran, MSW, RRC District Manager, Tamil Nadu AIDS control society, Thiruvannamalai.   |
| 20 | 7.1.2010               | “Consumer Awareness”   | Mr.M.Venkatesan District Co-ordinator, public consumer Committee, Thiruvannamalai.  |
| 21 | 8.1.2010               | “Deficiency Diseases”  | MS.J.Harrine sargunam Assistant Professor of N&D department.  |

|    |            |   |  |  |
|----|------------|---|--|--|
|    |            | “Airborne Diseases”                           |  | MS.G.Sarojini Assistant professor in Microbiology SAWEC, Wandiwash   |
| 22 | 9.1.2010   | “Waterborne Diseases”                         |  | MS.K.Vanmathiselvi Assistant professor in Microbiology, SAWEC, Wandiwash   |
| 23 | 9.12.2010  | “Food borne Diseases”                         |  | MS.K.Vanmathiselvi Assistant professor in Microbiology, SAWEC, Wandiwash   |
| 24 | 10.12.2010 | “Education in Women’s Upliftment”             |  | Mrs.K.Varalakshmi, Assistant Professor in Tamil, SAWEC, Wandiwash  |
|    |            | Dengue fever and chickun guniya”              |  | Dr.V.Rajagopal, M.Sc.Ph.d., Senior Entomologist, Zonal Entomological Team(ZET) Vellore   |
| 25 | 11.12.2010 | Treatment For Animals                         |  | Dr.C.Narayanan, B.V.Sc. Mamundur & DR.V.S.Nathiya ,B.V.Sc. Kadasikulam.  |
| 26 | 12.12.2010 | Treatment For Public At Navalpakam            |  | Dr.S.Kumar M.B.B.S,DCH, President, IMA,Wandiwash & Dr.R, Chandrika M.B.B.S,DCH, Secretary IMA, Wandiwash &Dr.I.Ramalingam M.B.B.S,Wandiwash. |
| 27 | 15.12.2010 | Inaugural address                             |  | Dr.Sivachandrabose NSS Co-coordinator, Thiruvalluvar University, Vellore.  |
| 28 | 16.12.2010 | “Women’s Act’                                 |  | Mr.M.Mani B.A.B.L., Wandiwash  |
| 29 | 17.12.2010 | Consumer Awareness                            |  | Mr.M.Venkatesan District Co-ordinator, public consumer Committee, Thiruvannamalai.   |
| 30 | 12.12.2011 | The Inaugural address                         |  | Mr.A.Perumal, BDO & Mr.L.Rajagopal BDO, Wandiwash  |
| 31 | 13.12.2012 | “Awareness of Dengue fever and Chikun guniya” |  | Dr.H.R.Haribabu M.B.B.S.,M.D Assistant Professor in Physiologist, Chengalpet Govt. Medical College,Chengalpet.                               |
| 32 | 14.12.2012 | “Food borne Diseases”                         |  | Ms.K. Vanmathiselvi Assistant professor in Microbiology, SAWEC, Wandiwash  |
| 33 | 15.12.2012 | Treatment For Public At Navalpakam            |  | Dr.S.Kumar M.B.B.S,DCH, President, IMA,Wandiwash & Dr.R, Chandrika M.B.B.S,DCH, Secretary IMA, Wandiwash &Dr.I.Ramalingam M.B.B.S,Wandiwash. |
| 34 | 16.12.2012 | Consumer Awareness                            |  | Mr.M.Venkatesan District Co-ordinator, public consumer Committee, Thiruvannamalai.   |

|    |            |   |      |   |
|----|------------|---|------|---|
| 35 | 17.12.2012 | Prevent From The Accident To The Public     | Fire | Mr.S.Lakshminarayanan, Station officer, Tamil Nadu Fire and Restriction office, Wandiwash.                                |
| 36 | 11.12.2013 | The Inaugural address                       |      | Mrs.Punithavathy Kupusamy - Chairman, Wandiwash.  |
| 37 | 12.12.2013 | Thagaval Ariyum Sattam 2005"                |      | Mr.R.Mani BA, BL., Wandiwash & Mr.K.Anbarasu  |
| 38 | 13.12.2013 | Treatment For Public                        |      | Dr.R.S.Suseela, M.B.B.S., Wandiwash.  |
| 39 | 14.12.2013 | "Awareness on Dengue fever and chikungunya" |      | Dr.V.Rajagopal, M.Sc.Ph.d., Senior Entomologist, Zonal Entomological Team(ZET) Vellore                                    |
| 40 | 15.12.2013 | "Awareness on AIDS"                         |      | Mr.K.Rajendiran, MSW, RRC District Manager, Tamil Nadu AIDS control society, Thiruvannamalai.                             |
| 41 | 16.12.2013 | Consumer Awareness                          |      | Mr.M.Venkatesan District Co-ordinator, public consumer Committee, Thiruvannamalai.  |
| 42 | 21.2.2014  | The Inaugural address                       |      | K.Punithavathy kupusamy, Chairman, Wandiwash Mrs, S.Rajalakshmi, Thasildar, Wandiwash and Mrs, L.chitra B.D.O. Wandiwash. |
| 43 | 22.2.2014  | "Awareness on Environment"                  |      | Dr.Bharathi Assistant professor in Zoology, SAWEC, Wandiwash  |
| 44 | 23.2.2014  | Treatment For Animals                       |      | Dr.Ramalingam M.B.B.S.President IMA, Wandiwash & DR.S.Prabu MD, D.Diab, Secretary, IMA, Wandiwash.                        |
| 45 | 24.2.2014  | "Cancer Awareness"                          |      | Mrs.S.Mythili, Staff Nurse, Government Hospital, Wandiwash, and Mrs.Aameena, Staff Nurse, Government Hospital, Wandiwash. |
| 46 | 25.2.2014  | "Awareness on AIDS"                         |      | Mr.K.Rajendiran, MSW, RRC District Manager, Tamil Nadu AIDS control society, Thiruvannamalai                              |
| 47 | 26.2.2014  | Consumer Awareness                          |      | Mr.M.Venkatesan District Co-ordinator, public consumer Committee, Thiruvannamalai.  |
| 48 | 18.12.2014 | "Electricity Awareness"                     |      | NSS   |
| 49 | 24.9.2014  | "NSS DAY"                                   |      | Dr.M.H.S.Mohammed Yacoob, Principal, SAWEC, Wandiwash.  |

## PLACEMENT AND CAREER GUIDANCE CELL

"Career Guidance and Placement Cell" was inaugurated in the year 1999, through this cell students are motivated and proper career guidance has been given which help them to become successful women in their life. The Cell has organized Campus Interview for Students of all discipline and also arranged off campus placement and the students were placed in various organizations. Various training programme have been conducted to the final year students through different organization and special trainers train the students regarding soft skill and job skills. Being this as the motto, our Career Guidance and Placement Cell was instituted. It has been functioning under the effective and efficient guidance of Principal, Placement Officer, Placement Coordinator and Assistant coordinators from various departments of our college. This ensures wide opportunities to young and energetic graduates till the end of their degree programme.

## OLD STUDENT ASSOCIATION (OSA)

The old student association has been functioning in Sri Akilandeswari women's college, Vandavasi, since 1999. The association has been working for the benefit of the student community. It renders special assistance for their course of Education and it is extending its service with the sustained spirit to serve for the welfare of the needy cheers of economically backward students and empowering them with all adequate support to proceed further for higher education. Every year funds are raised through Old Student Association is utilized for Noon meals scheme and contribution towards proficiency prizes. The objectives of the association is to give financial assistance for deserving students who is "good at studies", contribution to relief fund for the natural calamities like floods, cyclone and earth quake, meeting the medical expenses of poor and needy students.

## GRIVENCE CELL

Grievance cell has been constituted with Principal as the chair person and senior faculties as the members of the committee. Complaint box has been installed inside the campus. Complaints received are scrutinised by the committee and remedies are given.

| S.NO | NAME                        | DESIGNATION          | COMMITTEE    |
|------|-----------------------------|----------------------|--------------|
| 1    | Dr. M. H. S. Mohamed Yacoob | Principal            | Chair Person |
| 2    | Mrs. M. Gnanamalar          | Head, Dept. of Tamil | Convener     |
| 3    | Mrs. E. Kalaivani           | Assistant Professor  | Member       |
| 4    | Mrs. K. Vanmathiselvi       | Assistant Professor  | Member       |
| 5    | Ms.G.Subbulakshmi           | Student              | Member       |

### The following are the major grievances which are readdressed

1. Allowing Hostel students to utilize phone (Land line) facility.
2. Taking students to industrial visit every year.
3. Provided uniform for all the students to avoid discrimination.
4. Provided canteen in the college premises.
5. Implemented spoken English communication skill development and personality development classes.
6. Implementation of additional unit for NSS.
7. Provided medical camp in our college campus.
8. Provided purified water facility for all the students and staff members.
9. Separate auditorium for cultural activities in the college premises.

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

The college involves students in social movements and activities which promote citizenship roles through NSS, RRC, YRC, CCC, LEO, & ECO clubs

The faculty in-charge is always intrack to follow the student's activities. They meet them regularly before and after major activities. They also discuss how these works can be improved further. Student's activities are monitored by the Institution thoroughly. These volunteers are always made to perform under supervision. The report of student's participation and the name lists of students are given to the Head of the institution.

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

The University has high regard for the work of our NSS volunteers and it sanctioned one more unit to the college. Our volunteers always go in advance for any work and stay till the end. The college NSS unit has thus gained a name in the University. Our students also interact with University

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

The National Service Scheme conducts meetings with volunteers and has planned what should be done further. The student leaders organize the events supported by the faculty members. The NSS has an annual camp in a village every year for 7 days. The Tamil Nadu NSS through the University NSS unit funds the college NSS unit. The fund is used for NSS activities.

Youth Red Cross collects 20 rupees per student annually for its activities. Annual membership amount of 8 rupees per student is paid to Indian Red Cross Society. The balance amount is used for YRC activities conducted in the college.

The Citizen Consumer Club conducts orientation for schools to create awareness. The CCC is funded by the college.

The Red Ribbon Club plans its activities based on the written instructions sent by the University NSS Coordinator. It is mandatory that all activities defined by the Tamil Nadu State AIDS Control Society are performed. Accordingly, there is an orientation programme for imparting knowledge to staff and students by a trained Professor.

These extension activities have created a positive impact on our students. Initially they were shy to speak to strangers. Slowly they have acquired confidence and have begun operating with more self assurance.

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

National Service scheme: When the students are admitted the programme officer calls for a meeting of all the first years. She explains the ideology of service to society, interaction between society and individual to inculcate leadership skills. She also explains in detail how serving society will create peace in the mind and develops a holistic personality.

Selected students are taken to the annual camp in a village. ---- Students donated blood in the Blood Donation Camp.

The YRC conducts awareness programmes on the principles of voluntary service, health, hygiene and human rights.

Citizen Consumer Club: The coordinator of the Consumer Club also exposes the concepts of consumerisation along with the curriculum. The club arranges an orientation programme. Students are motivated to know and to propagandize the concepts of consumer rights. They are encouraged to become members of consumer club.

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

The university NSS unit conducts social surveys which are regulated by a coordinator who allots these projects to our NSS volunteers. These works are completed by our students in an accurate manner and the reports are submitted to the university.

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

The objectives of the extension programmes in our college are to train students in personality development, inter-personal relationships, team work and leadership skills and service skills.

The institution has given opportunities to many of our first generation learners who use this opportunity as a platform to put up short plays, deliver speeches and acquire confidence. The student volunteers always in charge of discipline in the functions. The empowered students have built the needed leadership skills and have acquired the ability to coordinate with others in working. The students have understood the value of taking up responsibilities.

The Youth Red Cross has empowered students to conduct blood camp and other similar works.

YRC is planning the work ahead and executing it well. Youth Red Cross organizes competitions and encourages students to participate in intercollegiate competition. Theatrical-written-spoken-singing-painting-debating and such skills are sharpened and refined as they take part in competitions. Their communication skills also improve because of these competitions.

The Citizen Consumer Club has become an activity that has attracted lot of students on a voluntary basis as it teaches them their own rights as a citizen of our nation. This knowledge has helped them gain self confidence in their social approach.

All the above service organizations help students to reach out to the underprivileged sections of the society and teach them the value of social responsibilities.

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

Our Institution has encouraged to cultivate spirulina as a part of recycling waste water and to provide fodder to the cattle through farmers who invited around Thiruvannamalai District. Our students under ECO club explained the importance of spirulina to the formers.

Spirulina can be used as health food, therapeutic agent, animal feed that increased lactation in cow and buffalo. It also increases the growth rate of Goat and Pigs and increases the meat yield. Fish feed supplemented with spirulina increases growth rate and body weight of fishes.

We have also explained about the importance of vermicomposting, conservation of cultivable land and have distributed earth worms to the farmers nearby.

Mushroom have been cultivated using agro waste in our college premises and has been distributed to the weaker section and under – nourished poor people as a conventional protein source explaining them about its importance.

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

On 24-02-2014 Bharath Nirman Organized a seminar in association with ministry of information and broad casting regarding “Right to information act” during which Mr.S.Selvakumar Asst.Prof.in.Physics has given a speech and has been awarded.

On 24-02-2014 Bharath Nirman organized a seminar in association with ministry of information and broad casting regarding “Food Security Bill” during which Ms.J.Sujatha Asst.Prof.in.Microbiology had given a speech and has been awarded

During August 2014 Ms. J.Sujatha Asst. Prof.in.Microbiology and Mrs.J.Kalaimathi Asst.Prof.in.Biochemistry has given speech on Bio Diversity for the students of Govt Boys Higher Secondary School, Vandavasi.

On 2.2.2015 Mrs.J.Kalaimathi Asst.Prof.In.Biochemistry & Dr.D.Bharathi Asst.Prof.in.Zoology had given speech on Combating, Desertification Land Degradation & Drought for the students of Union Middle School, Sennavaram.

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

IAB best service award 2011 for their voluntary contribution towards the upliftment of blind welfare. 1<sup>st</sup> place was awarded to the college On World consumer day 2012 for consumer club activities in Thiruvanamalai District.

IAB Blind Empowerment Champions 2014 Gold Zone Award was awarded on 15<sup>th</sup> of February 2014 in Madurai in recognition of voluntary contribution for the empowerment of visually challenged.

On 31<sup>st</sup> of January 2015 our college has been awarded in recognition of voluntary contribution for the empowerment of visually challenged people in Madurai.

Robotics and computer applications, Institute of USA, Technophilia certified that Sri Akilandeswari Women’s College is officially chosen as the zonal center for India’s largest competition and also they conducted CAIN- International Championship for artificial intelligence and networking- conducted an Android app development workshop to further train the students of this esteemed institute.

**3.7. Collaborations**

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

We have collaboration with Refsyn Bio Science PVT Ltd. Pondicherry for research. We have exchange of staff from the concern. Our staffs and students are actively engaged in all research activities.

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

Our College has collaborative arrangement with Vedha Technologies, Chennai. They have supported a lot for our students of Bachelor in Computer Applications & Computer Science in creating various Anroid Applications that has enriched the status of our college.

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

Our interactions with the industries/companies have made us aware of the industry/companies and the lacuna in the academic side that has to be rectified. They have also sharpened our perspectives regarding the placements of our students. We have created more academic space to accommodate placement training for the third year students. Self- help books have been added in the library.

**3.7.4. Highlighting the names of eminent scientists-participants, who contributed to the events, provides details of national and international conferences organized by the college during the last nine years.**

We have five research courses

1. Microbiology
2. Biochemistry
3. Computer science
4. Commerce
5. Mathematics

Details of national and international conferences organized by the college during the last nine years were as mentioned in 3.1.4

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

Two of the linkages actually resulted in formal MOUs and agreements.

1. Refsyn Biosciences Pvt. Ltd. registered under Government of Puducherry & approved by Ministry of Corporate Affairs, Government of India by the Companies Act, 1956 (No.1 of 1956), Corporate Identify Number: U74900PY2012PTC002664 established in India in 2012. The company provides State-of-Art-Lecture with Hands-on Industrial Instrumentation training (Industries & Academic), Academic projects and sample analysis, Workshop, Accord Research Consortium (ARC), Contract Research Lab to support the academic institutions and Research Scholars.
2. Vedha Technologies is the leading global consulting and IT Service Company, offering wide array of solutions customized for developing software products and satisfying customers to the peak. The company has spent over a decade on innovating, refining and fine tuning its offerings to suit the needs of the students by developing and offering IEEE projects in various domains such as Networking, Mobile Computing, Software Engineering, Data Mining, Cloud



Computing, Grid Computing, Network Computing, Distributed System, Biomedical Engineering, Security Systems and Wireless Communications using technologies such as JAVA, J2EE, Android, DOTNET, Matlab, Embedded systems and Robotics. Vedha technologies are also developing real time projects for students.

3. ASSET (Academy Skills Service Education & Training) is an academy striving for excellence. This academy trains, coaches, counsells and guides the college students, teachers of all cadres and other professionals by imparting attitude, skills and knowledge for better performance. It trains everyone to become better citizens to serve the society in all possible ways and to lead a better life.
4. R. Bhaskar & Co chartered Accountants (Service Tax Regn.No.: AAJPB4512HST001) is a leading firm situated in Chennai they offers services like Auditing, Financial services, income tax, business process outsource, project report preparation, feasibility report preparation, company law matters, formation of societies and trust. They train the students pertaining to the department of Commerce and Commerce (Computer Applications) in order to obtain the practical knowledge, students were given with the original vouchers and they were trained to frame balance sheet and other services.

### **Publications**

We have planned to publish a journal with ISSN number with articles comprising of Science and Humanities

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

We have formal MOU's with Refsyn Bioscience Pvt Ltd, Puducherry, Vedha Technologies, Chennai, Academy of Skills Service Education and Training, Vandavasi and R.Baskar & Co, Chartered Accountants, Chennai.

# **CRITERIA - IV**

## **KEY ASPECTS**

- 4.1 Physical Facilities**
- 4.2 Library as a Learning Resource**
- 4.3 IT Infrastructure**
- 4.4 Maintenance of Campus Facilities**

## CRITERIA - IV

### INFRASTRUCTURE AND LEARNING RESOURCES

#### 4.1. Physical Facilities

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

The effective teaching and learning is well checked out by principal and college governing body members. The new courses are introduced as per the need of the students and availability of learning resources .The management contributes and takes immediate steps to improve the infrastructure facilities such as Language Lab, Audio visual Room, New Buildings etc.,

##### 4.1.2. Detail the facilities available for

- a. **Curricular and co-curricular activities:** The Institution has very good classrooms, technology enabled learning spaces, seminar halls, tutorial spaces, laboratories, botanical garden, specialized facilities and equipment for teaching, learning and research etc.,

| S.NO | PARTICULARS                            | SPECIFICATION | AREA<br>( IN SQ FT) |
|------|--|---------------|---------------------|
| 1    | Class room                             | A type Room   | 705                 |
|      |  | B type Room   | 505                 |
|      |  | C type Room   | 359                 |
|      |  | D type Room   | 800                 |
| 2    | Auditorium                             |               | 12089               |
| 3    | Seminar Hall                           |               | 2304                |
| 4    | Audio Visual Room                      |               | 705                 |
| 3    | Biochemistry Lab                       | UG Lab        | 1692                |
|      |  | PG Lab        | 1067                |
| 4    | Chemistry Lab                          | UG Lab        | 1365                |
|      |  | PG Lab        | 1067                |
| 5    | Microbiology lab                       | UG Lab        | 1763                |
|      |  | PG Lab        | 3760                |
| 6    | Physics Lab                            | UG Lab        | 1422                |
|      |  | PG Lab        | 705                 |
| 7    | Computer science Lab with language lab | UG & PG Lab   | 1459                |
| 8    | BCA., Lab                              | UG Lab        | 1403                |
| 9    | Library                                |               | 2773                |
| 10   | Exam Cell                              |               | 705                 |

## Curricular and co –curricular activities

### 1. Class rooms/Tutorial

Number of class rooms -55. (Well ventilated, spacious class rooms)

### 2. Technology –Enabled learning spaces.

- Language lab
- Smart class rooms.

### 3. Seminar hall

One seminar hall with seating capacity of 200 students with audio visual facilities

### 4. Laboratories

Separate laboratories for UG and PG courses in all science departments

| S. No | Name of the lab                        | Facilities   |
|-------|--|--|
| 1.    | Biochemistry Lab                       | Well equipped spacious UG, PG and research laboratories with all major equipments such as semi Autoanalyser, UV Spectrophotometer, Electrophoresis, chromatographic and tissue homogeniser.  |
| 2.    | Microbiology Lab                       | Well established UG & PG lab with all the required equipments are cooling centrifuge, PCR, ELIZA Reader, Microcentrifuge, Electrophoresis, SDS PAGE & Blotting apparatus etc.  |
| 3.    | Physics Lab & Microprocessor Lab       | UG lab is provided with Sufficient Number of equipments which cater the requirement of the syllabus framed by affiliated university.<br><br>PG lab is provided with special instruments like Microprocessor, Microcontroller, Peripheral devices i.e., Stepper motor, cathode ray oscilloscope etc., |
| 4.    | Chemistry Lab                          | Our department has well equipped laboratory and equipments like potentiometer, conductometer, pH meter, photoelectric colorimeter, Hot air Oven etc. Separate labs are available for UG & PG Courses   |
| 5.    | Computer science Lab with language lab | Airconditioned lab with 55 computers with LAN and internet facility with 5 mpbs in 55 computers, servers, printer with scanner.  |
| 6.    | BCA Lab                                | Airconditioned lab with 55 computers with LAN and internet with 5 mpbs facility in 55 computers, printer with scanner.   |
| 8.    | Zoology Lab                            | Spacious laboratory with microscopes and specimens   |

### 5. Botanical garden:

Medicinal and herbal gardens are maintained.

## 6. Specialized facilities and equipments for teaching:

- Over head projectors
- Computers
- Internet facilities
- LCD projectors
- ICT

## 7. Learning and research

- Well equipped library
- Well established laboratories

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

Indoor games: Carom, Chess etc

Outdoor games:

Volley ball, Throw ball, kho-kho and athletic events such as long jump, high jump, shot put, javelin and discuss throw etc

### NSS:

In our Institution we have 2 NSS units with 210 volunteers. NSS volunteers take active participation in social responsibility like Awareness programmes, Blood donation camp, Guest lectures, social service, Health and hygiene orientation programmes.

### Cultural activities:

Singing and Dancing, Competition – Intra & Inter collegiate, Composing and presenting poems and Debate etc.,

### Public speaking:

Communicative ability and public speaking skills among students are augmented and developed through the activities organized by these clubs and forums and also by allotting a few hours to students for class campaigns.

- Rally for energy Conservation
- Voters awareness camp.

### Communication skills development

- Soft skill development.
- Personality development.
- Orientation programs regarding performance in competitive exams were organized for final year students in collaboration with ASSET organization.

### Yoga:

Yoga classes are conducted in our College Auditorium our Institution offers Diploma and PG courses for the students.

### Diploma Course:

Yoga for human excellence.

### PG courses

Yoga

### Sports and Games:

The institution, physical directress who promotes students participation in sports and games activities.

#### Health and hygiene:

Nutrition and health club useful for nutritional awareness and health awareness for students. We hold monthly meeting as well as invite a resource person who discuss the topic such as health, diet, fitness, awareness about health related problem and hygiene eg: Anemia, dengue, healthy food habits and chickungunia.

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

At present we have 10 UG courses, 9 PG and 5 M.Phil., courses. The infrastructure is sufficient and optimally utilized to run all the academic courses. Annual stock verification of furniture, Lab equipments and electronic gadgets are carried out in terms of quality and quantity. Repair and maintenance of these items and periodic service of electronic gadgets and device are promptly conducted. Augmentation in terms of number and quality is undertaken promptly in response to demands submitted in written form by HOD's.

| S.No | YEAR      | PARTICULARS            | EXPENDITURE AMOUNT | TOTAL          |
|------|-----------|------------------------|--------------------|----------------|
| 1.   | 2010-2011 | EQUIPMENTS             | 2,42,152.00        | 1,37,92,018.00 |
|      |           | CAMPUS INFRA STRUCTURE | 8,37,288.00        |                |
|      |           | OTHERS                 | 1,27,12,578.00     |                |
| 2.   | 2011-2012 | EQUIPMENTS             | 2,64,780.00        | 36,45,422.00   |
|      |           | CAMPUS INFRA STRUCTURE | 12,02,499.00       |                |
|      |           | OTHERS(Lab)            | 21,78,143.00       |                |
| 3.   | 2012-2013 | EQUIPMENTS             | 7,56,519.00        | 52,54,354.00   |
|      |           | CAMPUS INFRA STRUCTURE | 18,22,405.00       |                |
|      |           | OTHERS                 | 7,56,519.00        |                |
| 4.   | 2013-2014 | EQUIPMENTS             | 385731             | 883850         |
|      |           | CAMPUS INFRA STRUCTURE | 297996             |                |
|      |           | OTHERS                 | 200123             |                |
| 5.   | 2014-2015 | EQUIPMENTS             | 285731             | 773850         |
|      |           | CAMPUS INFRA STRUCTURE | 287996             |                |
|      |           | OTHERS                 | 200123             |                |

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

The necessary facilities are provided to Physically challenged students.

#### 4.1.5. Give details on the residential facility and various provisions available within them Hostel facility- Accommodation available

The hostel is located within the institution. Well furnished rooms are available. There is a common dining hall and they can also use the play ground for various physical activities. The hostels are well maintained by the qualified and experienced warden. The staff who hold the charge of hostel warden and teaching staff who wish to stay in the hostel are accommodated in the ladies hostel.

**Recreational facilities:**

Common room with audiovisual equipments, TV and DVD player. Facilities for indoor games like chess, carom board etc are also provided.

**Computer facility:**

Internet is available

**Facilities for Medical emergencies:**

Periodical medical visits are done. In case of emergency, the students are taken to the hospital accompanied by the warden.

Ambulance and Sick Room is available in the college premises for medical emergency.

**Library facility in the hostel:**

For reading Tamil, English newspapers and magazines are available. Internet is also available

**Safe drinking water:**

RO system is available in the campus for Safe drinking water.

**Security:**

There are flash lights on all sides of the hostel and 2 security guards are posted at the entrance who work round the clock. Activities are monitored by CC TV cameras are available in the college campus.

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

There are part time Doctors and a part time Nurse and they attend the students who seek medical help on campus.

- Free medical checkup camps are organized periodically in the campus in collaboration with private hospitals and charity organizations. Blood grouping is organized free of detection cost for students.
- First aid room with information charts and Sick room provided – The room has cots and other facilities.
- Free medical materials to be used in emergency situation have been maintained.

Blood donation club is functional in the campus under the joint auspices of the NSS, YRC, Lions club, Health and Hygiene and physical education department

Hospital: In case of emergency the Institution has a tie up with THAMARAI nursing home.

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

Committee have been formed and physical space allotted for the functioning of the bodies such as IQAC, women’s cell and Counselling career guidance and placement cell.

**1. IQAC:**

IQAC Consist of 10 members headed by Principal. IQAC meetings are conducted periodically in the Principal’s Room.

## 2. Grievance cell:

Student's grievance letters were collected from the grievance box and taken to the scrutiny of the principal and committee members. Remedies were given by the principal after through scrutiny for both academic and non academic system also.

## 3. Placement and carrier guidance:

The Placement officer can help making these decisions and can provide programme information, time management, study skills and for preparations.

### Objectives

- To assist pupils in decision making, relating to all aspects of their lives, in their career choice.
  - To promote knowledge, understanding, awareness and acceptance of self and others.
  - To identify and explore opportunities and encourage independence and taking responsibility for themselves.
4. **Skill Development** assists students with enhancing their work-skills and knowledge through various classes by external resource persons.
5. **Canteen**  
A full fledged canteen is functioning on the campus
6. **Safe drinking water:**  
Water is drawn from the bore well on the campus and huge water purifiers have been installed
7. **Auditorium:** One auditorium with adequate seating capacity.

## 8. Women's Cell:

### The Role of the Women's Cell

- To ensure that appropriate action is taken against the offender
- The Women's Cell suggests staff and students to develop confidence that will ensure the safety. Based on the feedback from the Women's Cell, the Chair Person of Women's Cell initiates immediate follow-up action.

### Programmes concerning women's welfare

- Organized health awareness programmes such as stress-control.
- Organized socially relevant programmes such as child care center.
- Organized seminar/workshops on legal rights of women.
- Organized cultural programmes with the basic objective of increasing awareness in women upliftment.
- Organised blood screening camp

**The details of these are given below:**



| S. No. | Unit                                    | Place of location          | Staff-in Charge   |
|--------|---|----------------------------|---|
| 1.     | IQAC                                    | Principal Room             | 1.Dr. M.H.S. Mohamed Yacoob( Chair person).<br>2.Dr. Savithri Devaraj (Senior Administrative officer) |
| 2.     | Grievance Redressal Cell                | Department of Tamil        | Mrs. M. Gananamalar   |
| 3.     | Women's Cell                            | Vice Principals Room       | Ms. K. Suguna   |
| 4.     | Career Counselling Cell /Placement Cell | Department of Microbiology | Ms.G. Sarojini  |
| 5.     | Students' Health centre                 | Clinic                     | Ms.E. Kayalvizhi &<br>Mrs. S. Nirmala Devi  |
| 6.     | Canteen                                 | Campus                     | Mrs. Valli  |
| 7.     | Safe drinking water facility            | Campus                     | -   |
| 8.     | Auditorium                              | Campus                     | -   |

## 4.2. Library as a Learning Resource

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

Yes the library advisory committee is constituted in our college

#### Library Advisory committee:

| S.No | Name                      | Designation       |              |
|------|---------------------------|-------------------|--------------|
| 1.   | Dr. M.H.S. Mohamed Yacoob | Principal         | Chairperson  |
| 2.   | Mrs. K. Kalarani          | Librarian         | Co-ordinator |
| 3.   | Mrs. Kalaiyarasi          | Asst Librarian    | Member       |
| 4.   | Mrs. Gandhimathi          | Asst Librarian    | Member       |
| 5.   | Ms. K. Suguna             | HOD (English)     | Member       |
| 6.   | Ms. K. Padmalochana       | HOD(Biochemistry) | Member       |

The Following significant initiatives have been implemented by the committee to render the library as students user friendly.

- A well furnished reading room is available for the students with issue and return counter
- A separate periodical section has also maintained in the library.
- Student , faculties & research scholars are having privilege to utilise the library
- The Previous year university examination question papers are available in the library for student welfare.
- The information regarding new arrivals is given to the college notice board.
- Book bank available within the library.
- Book fair organised in library
- Implementation of e journals

#### 4.2.2 Provide details of the following:

| S.No. | Details                                 | Central library        |
|-------|---|------------------------|
| 1.    | Total area of the library (in Sq. Mts.) | 244.4765               |
| 2.    | Total seating capacity                  | 120                    |
| 3.    | Working Hours (Working Days)            | 9.00am to 6.00pm       |
| 4.    | Working Hours (Holidays Days)           | Library remains closed |
| 5.    | Working Hours (Before examination Days) | 9.00am to 6.00pm       |
| 6.    | Working Hours (During examination Days) | 9.00am to 6.00pm       |
| 7.    | Working Hours (Vacation)                | Closed                 |

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

The staff members recommend the library books and journals of their respective subjects from time to time and the librarian place the order for purchase of the books after getting the sanction from the Principal.

| S. No | Library holdings | 2011- 2012 |            | 2012 -2013 |            | 2013 -2014 |            | 2014 -2015 |            |
|-------|------------------|------------|------------|------------|------------|------------|------------|------------|------------|
|       |                  | Number     | Total cost | Number     | Total cost | Number     | Total cost | Number     | Total cost |
| 1.    | Text books       | 914        | 150702     | 290        | 83700      | 339        | 98597      | 265        | 49161      |
| 2.    | Reference books  | 02         | 1585       | 19         | 15184      | 30         | 25397      | 02         | 2550       |
| 3.    | Journals         | 12         | 24300      | 13         | 30800      | 16         | 20800      | 22         | 24600      |
| 4.    | Magazines        | 04         | 1200       | 13         | 1600       | 04         | 2500       | 15         | 8500       |
| 5.    | News papers      | 15         | 9720       | 15         | 23592      | 15         | 23592      | 15         | 23592      |
| 6.    | e-resources      | -          | -          | -          | -          | -          | -          | 1          | 5000       |

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

- OPAC: YES

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

The college library has subscribed for the N-List scheme of [INFLIBNET](#)

**Federated searching tools to search articles in multiple databases**

- [www.nptel.iitm.ac.in](http://www.nptel.iitm.ac.in)
- [www.vidyanithi.org](http://www.vidyanithi.org)
- [www.tamilcube.com](http://www.tamilcube.com)
- [www.noolaham.org](http://www.noolaham.org)
- [www.inflibnet.ac.in](http://www.inflibnet.ac.in)
- [www.medlar.in](http://www.medlar.in)
- [www.agris.com](http://www.agris.com)
- [www.biosis.com](http://www.biosis.com)

| Library Website                                      | Library details are available on the college Website   |
|--|--|
| In-house/remote access to e-publications             | NPTEL  |
| Library automation                                   | AUTOLIB(SOFTWARE PACKAGE )   |
| Total number of computers for public access          | 05   |
| Total numbers of printers for public access          | 01   |
| Internet band width/ speed                           | 10mbps/BSNL Connection   |
| Institutional Repository                             | Yes  |
| Content management system for e-learning             | Yes  |
| Participation in resource sharing network /consortia | Yes <ul style="list-style-type: none"> <li>• INFLIBNET facility is available for staff and students</li> <li>• We have membership in British council library</li> <li>• NPTEL facility has been activated</li> </ul> |

**4.2.5 Provide details on the following items:**

|    |   |                      |
|----|---|----------------------|
| 1. | Average number of walk-ins(Staff)                     | 50/ day              |
|    | Average number of walk-ins( Students)                 | 300/day              |
| 2. | Average number of books issued                        | 40                   |
|    | Average number of books returned                      | 35                   |
| 3. | Ratio of library books to students enrolled           | 4:1                  |
| 4. | Average number of books added during last three years | 709                  |
| 5. | Average number of login to OPAC                       | 25 books/day         |
| 6. | Average number of login to e-resources                | 25                   |
| 7. | Average number of e-resources downloaded/printed      | Yes, 25 articles/day |

|    |   |              |
|----|---|--------------|
| 8. | Number of information literacy trainings organized    | Three days   |
| 9. | Details of “weeding out” of books and other materials | 23 Per Annum |

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

|     |   |  |
|-----|---|--|
| 1.  | Manuscripts   | Project report and M.Phil dissertations  |
| 2.  | Reference   | Encyclopedia Britannica, Year books, Competitive exams Books, special collections of all science and arts department. Reference books are arranged in separate racks |
| 3.  | Reprography   | Reprography facilities are provided  |
| 4.  | ILL (Inter Library Loan Service)  | Available  |
| 5.  | Information deployment and notification (Information Deployment and Notification) | Yes ,Regarding new arrivals, job opportunities, news clippings etc   |
| 6.  | Download  | Available  |
| 7.  | Printing  | Printer facilities are available   |
| 8.  | Reading list/ Bibliography compilation  | Yes, Software Provided   |
| 9.  | In-house/remote access to e-resources   | INFLIBNET, NTPEL   |
| 10. | User Orientation and awareness  | Facilities available   |
| 11. | Assistance in searching Databases   | Yes  |
| 12. | INFLIBNET/IUC facilities  | INFLIBNET,N-list facilities with individual ID are available, NTPEL facilities are made available  |

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

- Reading room facility with magazines and newspapers.
- Internet access and Wi-Fi facility.
- Previous years Question Bank.
- Information on competitive exams and employment opportunities through news papers by displaying on the library notice board
- Helpdesk to take reference book

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

Necessary facilities are available

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

A feedback note book is kept in the form of visitors diary in that the users will write their comments and the library advisory committee will look into that and try to rectify the mistakes or any inconvenience caused to the visitors.

##### Improvement of the library services

- Maximum users of the library were satisfied with the services.

- Some of the students asked to increase in the number of books on competitive examinations
- Improvements are made by analysing the feedback
- 1188 books (worth Rs. 369846) of various departments were added in the library stack during this year.
- 63 journals were subscribed on payment of Rs 94,190 for one year.
- To facilitate the students for photocopying existing Xerox machine was replaced by a new one.
- As the number of users in the browsing centre are increasing day by day 5 more computers were also purchased.
- 83 donated books were added under Books bank scheme.
- 63 steel Racks, 1 wooden cupboard, 5 system table, 23 reading table, periodical display racks were also purchased to stack the new books purchased.
- To encourage the students and staff to have free online access facility.
- 01 more Librarian was recruited during 2015 for library services
- 60 seats were added in the reading room.

### 4.3 IT INFRASTRUCTURE

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

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

|   |   |    |
|---|---|----|
| 1 | Number of computers with Configuration (provide actual number with exact configuration of each available system)      |    |
|   | LAB I– computer Science   |    |
|   | IBM Pentium-IV Processor, Intel G33 Chipset, 512MB DDR1   | 47 |
|   | RAM, 80 GB Hard disk, 18.5” TFT Monitor, Multimedia Keyboard, Optical Mouse, 2/10 Mbps LAN, ATX Cabinet               |    |
|   | LAB II – Computer Applications  |    |
|   | Intel Core i3 2 gen 2130(3.4GHz) Processor, Intel OEM   | 49 |
|   | Mother board, 2GB DDR3 RAM, 500GB SATA Hard Disk, Acer Keyboard, Acer Optical Mouse, 18.5” LCD Monitor, 2/10 Mbps LAN |    |
|   | LANGUAGE LAB  |    |
|   | INTEL Pentium-IV Processor, Intel G33 Chipset, 512 MB   |    |

DDR1 RAM, 80 GB Hard disk, 18.5” TFT Monitor, Multimedia Keyboard, Optical Mouse, 10/100 Mbps LAN, ATX Cabinet

SERVER I Computer Science

IBM Pentium-IV Processor, Intel G33 Chipset, 512 MB DDR1 RAM, 80 GB Hard disk, 18.5” TFT Monitor, Multimedia Keyboard, Optical Mouse, 10/100 Mbps LAN, ATX Cabinet

2

SERVER II Computer Application

HPML110G7 Intel Xeon E31220 Processor, 2GB PC3 DDR3UB ECC RAM, 250 SATA Hard disk, SATA ride controller, SATA DVD Writer, 18.5” LCD Monitor, Multimedia Keyboard, Optical Mouse, 10/100 Mbps LAN, ATX Cabinet IBM Server, 2.8 GHz Motherboard, 512 MB RAM, Hitachi 80 GB Hard disk, DVD Writer, HCL Multimedia Keyboard, HCL Optical Mouse,

1

5

LIBRARY

INTEL Pentium IV Processor, Intel G33 Chipset, 512 MB DDR1 RAM, 80 GB Hard disk, 18.5” TFT Monitor, TVS multimedia Keyboard, Optical Mouse, 10/100 Mbps LAN, ATX Cabinet INTEL Pentium(R) , HCL keyboard, Acer Mouse, 2/10 Mbps LAN, 2GB RAM, HCL

1

EXAM CELL

Intel Core i3 2 gen 2130 (3.4GHz) Processor, Intel OEM

Mother board, 2GB DDR3 RAM, 500GB SATA Hard Disk, Acer Keyboard, Acer Optical Mouse, 18.5” LCD Monitor, 2/10 Mbps LAN

ADMINISTRATION OFFICE

INTEL(R) Pentium (R) Processor, 1.9 GB RAM, 250 GB Hard disk, HCL, Multimedia Keyboard, OODVJ Optical Mouse, HCL 18.5” LED Monitor (with KYOCERA TASKALFA 1800 Digital Copier) Printer, Xerox, HP DeskJet Color Printer)

2

DEPARTMENTS

INTEL Pentium IV Processor, Intel G33 Chipset, 512 MB DDR1 RAM, 80 GB Hard disk, 18.5” TFT Monitor, TVS Multimedia Keyboard, Optical Mouse, 10/100 Mbps LAN, ATX Cabinet,

2

NUMBER OF SYSTEMS WITH CONFIGURATION

110 computers and 3 servers in total 113

|   |   |     |
|---|---|-----|
| 2 | Computer-student ratio                            | 1:1 |
| 3 | Stand alone facility                              | 2   |
| 4 | LAN facility                                      | Yes |
| 5 | WIFI Facility                                     | Yes |
| 6 | Licensed software                                 | No  |
| 7 | Number of nodes/ computers with Internet facility | 110 |
| 8 | Any other   | --  |

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

Internet service is available in the college for faculty and students. There are 110 computers with the facility of Internet in each. The Principal office, the Administrative Block and some of the departments have the facility of internet. The ratio of computer and the students is approximately 1:1. The college has a fully computerized library. The students and the public have a free access to the college website, [www.sawcw.org](http://www.sawcw.org)

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

The institute in the near future is optimistic as far as the infrastructural up gradation is concerned. The college intends to upgrade the PCs with latest configuration available in the market. This apart the stress will be laid on the purchasing of New Hardware. The Department of Computer Science intends to replace the non functional parts with new parts. Non working computer hardware components are used as models to demonstrate in the classes.

- Up gradation of overall System Configuration
- Upgrading Internet bandwidth
- Purchase of more software based on the needs of the departments.
- Wi-Fi enabled campus
- Fully automated library
- Up gradations in Internet lab
- Periodical up gradation of existing systems
- All systems to be connected with LAN

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

Budget Provision for Computer Facilities Budget provision for the procurement, up gradation, and maintenance of computing facilities is made through the existing system like inclusion of the same in the departments' budgets, approval in the Finance and Property Committee, and then the final approval in the Governing Council

| Sl.No | Year      | Annual Budget(Rs.) | Maintenance |
|-------|-----------|--------------------|-------------|
| 1     | 2010-2011 | 0.5 Lakhs          | 9700        |
| 2     | 2011-2012 | 1 Lakhs            | 66000       |

|   |                  |          |         |
|---|------------------|----------|---------|
| 3 | <b>2012-2013</b> | 13 Lakhs | 1257750 |
| 4 | <b>2013-2014</b> | 13 Lakhs | 1288650 |
| 5 | <b>2014-2015</b> | 14 Lakhs | 1374800 |

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

The college does not avail the ICT resources. Computers are available for specific use in some departments. The college has adequate computer facility for its faculty. Faculty members are provided with computers with internet browsing facility for preparation of teaching/learning materials in their respective departments. Also Multimedia projectors, OHPs are available with in the college for the faculty use. The college also has seminar halls equipped with projectors and are available as and when requested by particular teacher. Internet facility and Library is thrown open to faculty members for learning materials.

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

Technology has been deployed in online learning through audio visual room, resources such as “National mission on education through Information and Communication Technology”, “National programme on Technology Enhanced Learning” are made available.

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

The college does not avail the connectivity through National Knowledge Network.

**4.4. Maintenance of Campus Facilities**

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

- a. Building
- b. Furniture
- c. Equipment
- d. Computers
- e. Vehicles
- f. Any other

The institution has made adequate arrangements for the maintenance and upkeep of the college infrastructure. The management ensures that enough funds are allocated and then utilized for the maintenance. The details of the budget allocated during the last four years are as under:

| Sl.No. | Year    | Infrastructure      | Budget Allocated | Maintenance |
|--------|---------|---------------------|------------------|-------------|
| 1      | 2014-15 | Building            | 13 Lakhs         | 1374800     |
| 2      |         | Furniture           | 50,000           | 20000       |
| 3      |         | Equipment Computers | 6 Lakhs          | 542877      |



|   |         |           |           |           |
|---|---------|-----------|-----------|-----------|
| 4 |         | Vehicles  | 1.5 crore | 11985463  |
| 5 |         | Any other | 50, 000   | 94117     |
| 1 | 2013-14 | Building  | 50 Lakhs  | 4977057   |
| 2 |         | Furniture | 3 Lakhs   | 251856.00 |
| 3 |         | Equipment | 9 Lakhs   | 898183.2  |
| 4 |         | Computers | 13 Lakhs  | 1288650   |
| 5 |         | Vehicles  | 50 Lakhs  | 5027342   |
| 6 |         | Any other | 2 Lakhs   | 200369    |
| 1 | 2012-13 | Building  | 26 Lakhs  | 2598083   |
| 2 |         | Furniture | 7 Lakhs   | 662765    |
| 3 |         | Equipment | 11 Lakhs  | 1090855   |
| 4 |         | Computers | 13 Lakhs  | 1257750   |
| 5 |         | Vehicles  | 1.5 Crs   | 15664368  |
| 6 |         | Any other | 2 Lakhs   | 204442    |
| 1 | 2011-12 | Building  | 3.5 Lakhs | 301982    |
| 2 |         | Furniture | 1 Lakh    | 68014     |
| 3 |         | Equipment | 6 Lakhs   | 560202    |
| 4 |         | Computers | 1 Lakh    | 66000     |
| 5 |         | Vehicles  | 1 Crs     | 10814609  |
| 6 |         | Any other | 4 Lakhs   | 332654    |
| 1 | 2010-11 | Building  | 13 Lakhs  | 1244089   |
| 2 |         | Furniture | 13 Lakhs  | 1229411   |
| 3 |         | Equipment | 7 Lakhs   | 669160    |
| 4 |         | Computers | 0.5 Lakh  | 9700      |
| 5 |         | Vehicles  | 30 Lakhs  | 2795416   |
| 6 |         | Any other | 2 Lakhs   | 125015    |

#### **4.4.2. What are the institutional mechanisms for maintenance and upkeep of the infrastructure, facilities and equipment of the college?**

The campus has a designated Engineering Division with a Civil Engineer as its chief, who supervises the maintenance of the infrastructure. It has a separate set of Office staff as well as Maintenance staff, on the basis of the perspective development plan, proposes the infrastructural augmentation needs to the concerned authorities. The college development fund is utilized for maintenance and minor repairs of furniture and equipments. The IQAC prioritizes the activities, estimates the cost and submits it to the head of the institution. The management approves and allocates the funds. An effective monitoring system through various committees ensures the optimal utilization of budget allocated. We have a centralized maintenance department for the entire campus with full time salaried employees and the expenditure is a part of income-expenditure account. Since maintenance is a part of monthly expenditure, a separate fund is not allocated.

Maintenance staff consisting of technically qualified people as mechanics, plumbers, electricians, civil workers, carpenters and painters to look after the maintenance and repair. All equipments in the College are maintained either by Annual Maintenance Contracts or by the visit of service personnel. The Office of the engineering division is in charge of

- Renewal of building license
- Renewal of stability certificate for building
- Renewal of fire safety license
- Obtaining approval for newly acquired land and plan approval for new buildings
- Maintenance of generators, reverse osmosis water plant facility.
- Annual electrical inspection work
- Cleanliness and Maintenance of all buildings and grounds
- Transport – in charge

The laboratories are maintained by the respective Laboratory Assistants under the guidance of the Heads of the Department. Class rooms and rest rooms are maintained clean by the team of menial staff.

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

Annual maintenance and repair of the infrastructure is taken care by the college in a systematic manner. Day to day maintenance is carried out by the staff appointed for cleaning and maintenance of the building. The laboratory equipments are maintained through College Development Fund. The computers and electronic devices are maintained and repaired through the funds available in the institution. We have a team of qualified technical staff for maintaining computers and networking facilities. Some of the members are stationed in the campus so that they are available at short notice. We have a Manager (Infrastructure Maintenance Department) for the maintenance of the entire campus and the following departments work under him with the salaried staff.

- a) Construction
- b) Electrical
- c) Carpentry
- d) House-keeping
- e) Masonry
- f) Plumbing
- g) Painting
- h) Security
- i) Generator maintenance

Their services are available throughout the day. Some of these staff stay within the campus.

**4.4.4. What are the major steps taken for location, upkeep and maintenance of sensitive equipment (voltage fluctuations, constant supply of water etc.)? Any other relevant information regarding Infrastructure and Learning Resources which the college would like to include.**

The college has clear cut mentioned places for the sensitive equipments like electricity generators, water purifiers, chemicals and scientific instruments. The laboratory staff keep a strict vigil regarding the maintenance and upkeep of the scientific instruments and Chemicals. Their repair or replacement or another required upkeep is fully undertaken in their supervision. Similarly, the college electrician and the supporting staff is responsible for the upkeep of electrical equipments and their maintenance. The institution has a tie up with the company from which the RO purifiers were brought and the institution pays AMC to the firm for the regular and routine check up and upkeep of the purifiers. To enrich the infrastructural amenities our institution has recently constructed spacious, aerated and well lited auditorium with the capacity of 2000 viewers.

# **CRITERIA - V**

## **KEY ASPECTS**

- 5.1 Student Mentoring and Support**
- 5.2 Student Progression**
- 5.3 Student Participation and Activities**

## CRITERIA -V

### STUDENT SUPPORT AND PROGRESSION

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

Yes, the Institution Publish its updated prospectus, handbook and college magazine annually.

The institution publishes revised and updated prospectus at the beginning of every academic year. The prospectus provides all the necessary information to the students. The College prospectus provides a complete profile of the College.

The College Handbook is prepared every year and distributed to the students and staff at the beginning of the academic year, it contains all these information required to the students. It includes:

- Brief history of the College, Vision and Mission of the college, Prayer, Pledge, and Hymns.
- Information regarding Swamy Abedhanandha educational trust and Managing Committee of the college.
- Details of teaching and non-teaching Staff.
- Programmes of Study and Curriculum of the UG, PG and M. Phil., courses.
- Admission Rules, Criteria, Attendance.
- Co-curricular Activities, Career Guidance and Extra-curricular Activities.
- Infrastructure facilities, Labs, Library and Other Learning Resources.
- Hostels
- Statutory Information and Contact Information
- Rules and Discipline
- Academic Calendar with Examination Schedules.

The information about the College and all its departments is uploaded in the College Website: [www.saewcw.org](http://www.saewcw.org). The Institution ensures hundred percent commitment and accountability of all information given in the prospectus and our website.

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

Our College has the unique distinction of availing largest number of Government Scholarship during the last four years. Apart from the Government Scholarships, there are several financial assistance given by the Management such as free ship, fee concessions and financial assistance to students on the basis of merit/merit-cum means bases. The management is granting free ships for deserving students out of its own fund. Our college gives the cash prize for the first year under graduate students those who are getting above 1000 marks in higher secondary examination. Since these financial aid is given from the own funds of the college, which is disbursed on time.

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

Financial assistance received by students (government agencies)

| ACADEMIC YEAR | GOVERNMENT |     |
|---------------|------------|-----|
| 2006-2007     | 112 /366   | 30% |
| 2007-2008     | 121 /465   | 26% |
| 2008-2009     | 391/1219   | 32% |
| 2009-2010     | 352/1397   | 25% |
| 2010-2011     | 510/1704   | 30% |
| 2011-2012     | 362/1983   | 18% |
| 2012-2013     | 343/2224   | 15% |
| 2013-2014     | 214/2380   | 09% |
| 2014-2015     | 312/2488   | 12% |

### 5.1.4. What are the specific support services/facilities available for

- Students from SC/ST,OBC and economically weaker sections
- Student to participate in various competitions/National and International
- Medical assistance to students: health centre, health insurance etc...
- Organizing coaching classes for competitive exams
- Skill development (Spoken English, Computer Literacy, etc...,)
- Support for “slow learners”
- Exposures of students to other institution for higher learning/ corporate/business house etc.
- Publications of student magazines

#### Support services/facilities for SC/ST, OBC and economically weaker section students:

Scholarships/free ships, admission reservations and progression coaching etc., are provided to students from SC/ST, OBC and economically weaker sections. The College gives full assistance for availing post metric and Central Sector scholarships.

#### Overseas students:

No overseas students are studying in our College.

#### Medical assistance to students: health centre, health insurance etc.,

Medical assistance is provided to all the students of Under Graduate and Post Graduate programmes. The sick room is provided in the ground floor. Proper arrangement of drinking water is provided in the College campus.

#### Organizing coaching classes for competitive exams:

The Institution provides training for competitive examinations to help the students to face UPSC Civil Service examinations and SLET, NET examinations of UGC. The Placement Cell of the College makes arrangement for campus recruitment and constantly informing the students about

competitive examination and encourages them to participate in the placement drives organized by other institutions in the locality. The college also invites professionals from the industry which provides regional and global employment opportunities for the students.

### **Skill development (spoken English, Computer literacy, etc.)**

The language lab provides audio-visual aids and techniques, to improve the communication skills of the students. The English Department conducts Add - on programme on communication skills. The placement cell of the college organizes personality Development programmes. Training is provided to develop leadership qualities, job skills and soft skills. Communicative English has been a part of the curriculum for under graduate programmes .Computer fundamentals are taught to the students and they are given practical training to have hands on experience. Add – on course on basic computer awareness is offered by the Computer Science Department and Commerce Department.

### **Support for slow learners:**

Remedial classes are conducted for slow learners, and weak students. Practical classes are also conducted repeatedly, for the students so as to develop the laboratory skills. Students who have back log of previous semester are encouraged to improve their performance. One to one learning is available and library support is provided through question bank and extension of library working hours are available especially during study holidays. Class tutors and Head of the Departments meet slow learners after the first internal, encourages and motivates them for a better performance. Whenever a slow learner is identified by the class tutors, the mentor teacher gives counselling to them for improvement.

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

Some of the Department Conduct industrial visits to reputed Institute of learning, industries, business houses etc. Project assignments regarding business concepts are undertaken by students of commerce and Management programmes with assistance from corporate houses. Department depute the students to seminars, workshops and cultural fests organized by other institutions. Experts from reputed institutions/industries are invited to share their knowledge and views with the students from time to time.

### **Publication of student Magazines**

The college publishes the Annual College Magazine in which articles in English and Tamil are contributed by the students. The entire activity of collecting the articles, puzzles, cartoons, editing, designing the cover page and publishing the magazine is done by the Magazine Committee.

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

To facilitate entrepreneurship skills among the students, exposure to industrial organizations through industrial visits, interaction with successful entrepreneurs, special sessions by District Industry Centre etc., are conducted. Our Placement cell encourages final year students to visualize the starting of their own enterprises. The Placement Cell assesses the needs of entrepreneurs and prepares a comprehensive training module to enhance the outgoing students with necessary skills. The module focuses on the following skills:

1. Leadership skills
2. Marketing Skills
3. Business Development Skills
4. Managerial Skills
5. Risk Assessment and Management

6. Communication Skills
7. Public Speaking
8. Team building skills.
9. College bazaar.
10. Ornamental fish culture.
11. Bakery product.
12. Herbal garden.
13. Android Application development.
14. Organic farming and Herbal Garden.
15. Mushroom culture.

### **Training in Tally Software:**

Tally is the most important software that ensures accurate results and performs the task more efficiently and professionally. It is the most convenient and cost-effective solution for accounts and finance. This software is an inbuilt part of the syllabus of the B.C.A programme. Practical training in Tally is given to all B.C.A students. This ensures greater employability to our students.

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

- Additional academic support, flexibility in examination
- Special dietary requirements, sports uniform and materials

The institution is committed to attract students for participating in various extracurricular activities by ensuring consistent encouragement and motivations. The necessary facilities are provided and adequate funds are allotted. The sports and cultural committees supervise the extracurricular activities. The college Sports team has participated in many local and inter-collegiate matches. The college arts club coordinates students those who are interested in specific art forms and trains them in the respective area. The college has active talented students from these committees, are given opportunity to participate in various inter-collegiate Sports and cultural events. In every year institution conduct Sports day, Women's day, College day, Cultural day and Science day.

The students who participate in the sports activities or other extracurricular activities are provided with extra classes so that the time they have spent for the various activities can be compensated for. Special re-tests are conducted for them by the class –in-charge as a part of internal evaluation before the commencement of end semester examinations. They are also included in the peer teaching programme, where their own classmates give them tips regarding the portions completed while they lose classes due to competitions outside.

| DEPARTMENT         | ASSOCIATION /CLUB NAME           | ACTIVITIES  |
|--------------------|----------------------------------|---|
| <b>Tamil</b>       | Bharathiyar Tamil Sangam         | Quiz, Debates, Muthamizh vizha, Speech Competition, Essay competition, singing competition, |
| <b>English</b>     | William Wordsworth Literary Club | Students Seminar, National level seminar  |
| <b>Mathematics</b> | Ramanujam Club                   | Quiz competition, Students seminar, One minute speech.                                      |



|                         |  |  |
|-------------------------|--|--|
| <b>Physics</b>          | Ariyabatta Adventure Association and Sir C.V. Raman club | Quiz competition, Students seminar, Two minute speech, Debates, Science day, Industrial visit.   |
| <b>Chemistry</b>        | Curie club   | Quiz competition, National level seminar, Debates, Science day, Industrial visit, Poster presentation, Model presentation, Power point presentation. |
| <b>Biochemistry</b>     | Biogene Association                                      | Seminar competition, one minute speech, Poster presentation, Practical competition, Talent exposure.   |
| <b>Micro biology</b>    | Antony van LeavenHook Club                               | Skit, Poster presentation, quiz, Students Seminar, National level seminar.   |
| <b>Commerce</b>         | Association of Commerce                                  | Quiz, Poster presentation, Students Seminar, debates, AD-ZAP.  |
| <b>B.C.A</b>            | Computer Association                                     | Quiz, one minute speech, seminar.  |
| <b>Computer science</b> |  | Quiz, Seminar,   |

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

The Career Guidance and Placement Cell of the College co-ordinates the support system for the students in preparing for various competitive examination. The Cell motivates and assists the students who are interested and willing to appear in various competitive examinations. The cell ensures that the students are constantly updated on information about competitive exams and classes are conducted through external resource personnel as and when required. Post Graduate students are advised and directed by their teachers to appear for UGC NET / SET Examination as and when the notification of the same is issued by the UGC. The college library is well equipped with adequate learning resources on competitive examinations. In the recent past many students have appeared and qualified in various competitive Exams.

| S.NO | ACADEMIC YEAR | NAME OF THE STUDENT                                | PASSED IN COMPETITIVE EXAM |
|------|---------------|--|----------------------------|
| 1.   | 2006-2007     | NIL  | NIL                        |
| 2.   | 2007-2008     | NIL  | NIL                        |
| 3.   | 2008-2009     | M.Radha – U.G Maths<br>R.Dhanabakkiyam – U.G Tamil | TET                        |
| 4.   | 2009-2010     | NIL  | NIL                        |
| 5.   | 2010-2011     | NIL  | NIL                        |
| 6.   | 2011-2012     | D. DeviBala – P.G Maths                            | TET                        |
| 7.   | 2012-2013     | S. Bhuvanewari - Physics                           | TET                        |
| 8.   | 2013-2014     | M. Bhuvanewari- English<br>P. Ramya - English      | TET<br>TET                 |

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

**Academic Counselling:**

The college has a Counselling Cell under the supervision of senior teaching faculty. The counselling Cell makes adequate arrangements for the guidance of the students during the time of the admission. In the process of admission the faculty members participate in counselling sessions and used to explain the students regarding the prospect of different subject and the scope of employability. All the teaching faculties of admission committee and placement cell participate in the counselling process.

**Personal & Psycho-Social Counselling:**

The students during the course of their studies in the College come across various issues. The College provides them personal Counselling. They can share their problems with the teachers. The concerned teacher is very supportive in guiding them to resolve their problems. Students at times come to face with certain social issues or problems which tend to bring inferiority complex in them. The students who need psychological counselling or any type of social counselling are directed to the trained Counsellor.

**5.1.9. Does the institution have a structured mechanism for career guidance and placement of its students? If “Yes”, detail on the services provided to help students selected during campus interviews by different employers (list the employers and the programmes.**

The Institution has a structured mechanism for career guidance and placement of the students. A Career Guidance and Placement Cell is functioning in the College and acts as a centre for identifying job opportunities in different sectors. This Cell provides the following support services to the students:

**Information about Job Opportunities:**

The students are informed regarding the vacancies offered by Government and other agencies. The notice of the advertisement is displayed on the notice board regarding the last date, vacancies etc.,

**Preparation of Curriculum Vitae:**

Members of the Placement Cell render guidance to the students in formal and informal meetings. They are taught how to prepare CVs.

**Discussion of Test Module and Preparation of the Test:**

The Cell organizes lectures on career opportunities. A thorough discussion takes place on the test module. The students are informed regarding the syllabus, the pattern and the ways of attempting the test etc.,

**Follow up:**

The Placement Cell keeps track of the post test developments. As and when result is declared, the Cell informs the students regarding the result. The results are analyzed and then the next process of helping the successful candidates is carried out.

**Group Discussion/Interviews:**

The Cell organizes sessions of group discussions and interviews for the candidates who have succeeded in the written test.

### Invited talks on Career Guidance:

The Cell invites professional career consultants to the College for career orientation seminars to the final year Under Graduate and Post Graduate students of the College.

### Campus Placement:

The Placement Cell of the College invites many reputed companies for campus recruitment. The students of the College are sent to off campus recruitment drives also.

| S. NO | DATE       | NAME OF THE PROGRAMME   | NO.OF STUDENTS ATTENDED | NO.OF STUDENTS SELECTED |
|-------|------------|---|-------------------------|-------------------------|
| 1.    | 04.01.2006 | Training programme on “ <b>Career prospectus &amp; fear to face competitive examinations</b> ”<br>Dr. P. Sivakumar coordinator,<br>Santhome institute                         | 275                     | —                       |
| 2.    | 21.08.2006 | workshop on “ <b>Soft Skill Development And Training On How To Succeed In Interviews</b> ”<br>Mr. V. S. Ramkumar, Sensor micro electronics private limited, T. Nagar, Chennai | 330                     | —                       |
| 3.    | 23.02.2007 | Net worth systems from Vellore  | 192                     | 8                       |
| 4.    | 07.04.2007 | A.K.T Matriculation Hr.Sec.School,<br>Kalakuruchi   | 75                      | 16                      |
| 5.    | 17.08.2007 | Career guidance programme Mr.K. Shakthirajan, head co-ordinator,<br>institute for career prospectus,<br>Chennai has given speech on<br>“ <b>Career Options</b> ”.             | 350                     | —                       |
| 6.    | 08.12.2007 | Various companies from Wipro,<br>Infotech and VIT   | 120                     | 5                       |
| 7.    | 18.12.2007 | A.K.T Matriculation Hr.Sec.School,<br>Kallakuruchi  | 350                     | 21                      |
| 8.    | 26.02.2008 | WINTEK Technologies and Nokia<br>Companies from Chennai,  | 265                     | 186                     |
| 9.    | 20.02.2008 | WINTEK technology from Chennai<br>and Nokia SEZ Company from<br>Sriperumputhur  | 350                     | 31                      |
| 10.   | 03.12.2008 | Off-campus interview conducted by<br>VIT (Vellore Institute of Technology)<br>University  | 43                      | 9                       |
| 11.   | 29.01.2009 | Off-campus interview conducted by   | 36                      | 18                      |

|     |                        |   |     |     |
|-----|------------------------|---|-----|-----|
|     |                        | AKT Academy Matriculation higher secondary school, Neelamangalam  |     |     |
| 12. | 19.02.2010             | Yazaki wiring india private limited technologies from Maraimalainagar, Chennai arranged a campus interview                                      | 250 | 150 |
| 13. | 17.02.2011             | Workshop on personality development Mr.Raja Nikkael from Chennai innovative service centre has delivered a speech on “Soft Skill Development”   | 575 | —   |
| 14. | 12.05.2011             | Campus interview Dr. Mohan, Diabetes specialties centre, Chennai  | 30  | 12  |
| 15. | 23.12.2011             | Training programme, Mr. C. Subramanian, Rtd I.F.S officer, has delivered a lecture on “Success of Civil service examination”                    | 575 | —   |
| 16. | 18.02.2008             | Red Hat technology from Chennai campus interview  | 243 | 44  |
| 17. | 19.03.2012             | Thiruvalluvar University & Wipro Technology from Chennai has organized an off-campus interview in SKP Engineering College.                      | 23  | 1   |
| 18. | 12.04.2012             | Agasthiya Vidyalaya Matriculation School  | 65  | 14  |
| 19. | 05.12.12 to 10.12.2012 | HCL career and development centre from Chennai has given the training programme   | 150 | —   |
| 20. | 05.02.2013             | Off-campus interview at ARM College of Engineering interview has conducted by Avalon Technologies private limited, Chennai.                     | 23  | 4   |
| 21. | 06.03.2013             | Dr.G.Vishvanathan, Former Vice Chancellor, Anna University, Chennai has delivered a special address on “ <b>the curriculum and motivation</b> ” | 677 | —   |
| 22. | 29.01.2009             | Off-campus interview conducted by AKT Academy Matriculation higher secondary school, Kallakuruchi   |     | 21  |

|     |            |  |     |    |
|-----|------------|--|-----|----|
| 23. | 10.10.2013 | Prof. K. Parthasarathy, founder-Director, Institute of Entrepreneurship and career, IECD, Bharathidasan University, Trichy has delivered a speech on “ <b>career guidance</b> ”                        | 660 | —  |
| 24. | 19.02.2014 | A training programme , Mr. K. Vishnu Kumar, Deputy General Manager, Training Department, Naively lignite corporate, naively has given a special address on “ <b>Fear of competitive examinations</b> ” | 650 | —  |
| 25. | 26.02.2015 | Mr.Venu Venkatraman, Founder, Buddha IAS Academy, Chennai has delivered an innovative speech on <b>how to face civil service and UPSC examination</b>  | 767 | —  |
| 26. | 01.04.2015 | VEE technologies from Bangalore  | 767 | 8  |
| 27. | 16.09.2015 | Campus interview, TCS Company from Velacheri.  | 23  | 13 |

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

Our college has a Grievance Redress Cell comprising the teaching faculty of Mrs. Gnanamalar, Head of the Department, Department of Tamil led by the Head of the institution to redress the grievances of the students. Students are free to represent their grievances on academic matters, financial matters, transportation services, canteen services, library, accommodation, infrastructure facilities etc. First, they can approach the class- in-charge. Matters that could not be solved at that level are referred to the head of the Department. Most of the grievance academic matters are redressed at the HOD level.

Grievance redress cell Students can also drop their grievance letters in the suggestion box.

**The college level Grievance Redress Cell.**

Students can also drop their grievance in the suggestion box. The Grievance Redress Cell actively interacts with the students to take necessary action, after issues are discussed in the Cell. As a result of this mechanism, the College has a pleasant ambient atmosphere and good work culture with inbuilt goodwill and understanding amongst all the stakeholders. The grievance received in the last four years was not of serious nature and were redressed to the satisfaction of the students.

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

Being women’s college there is no sexual harassment prevails in our institution.

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

Ragging is banned in the College. The College has adopted the UGC Regulations on Curbing the Menace of Ragging in Higher Educational Institutions, 2009 and has constituted an Anti-Ragging Committee governed by the senior staff members of our College. No instances of ragging have been reported during the last Nine years.

| Name                             | Designation            | Committee    |
|----------------------------------|------------------------|--------------|
| <b>Dr. M.H.S. Mohamed Yacoob</b> | Principal              | Chair Person |
| <b>Ms. K. Padmalochana</b>       | Assistant Professor    | Member       |
| <b>Ms. K. Suguna</b>             | Assistant Professor    | Member       |
| <b>Mrs. N. Gnanamalar</b>        | Assistant Professor    | Member       |
| <b>Mrs. K. Jagathy</b>           | Assistant Professor    | Member       |
| <b>Ms. B. Archana</b>            | Student Representative | Member       |

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

The Institution is working towards ensuring social justice through the various student welfare schemes. The induction program clearly presents the welfare schemes available to the students. The following welfare schemes are made available to the students:

**Scholarships & Free ships:**

Details about the scholarships are communicated to the students by reading notices in the class room at the time of applying for the same. Free ships and fee concessions are granted by the Management to the needy after a thorough verification of the bio-data of the students.

**Health services/ Medical assistance to students**

Services of a part-time Doctor are available in the college. The College has also tie-ups with the local hospitals in case of any emergency.

**5.1.14. Does the institution have a registered Alumni Association? If ‘yes’, what are its activities and major contribution for institutional, academic and infrastructure development?**

The college has a registered Alumni Association. Every year the out gone students are invited to college and they discuss certain things with regard to the academic and institutional progress. The students who are well placed in various professions are invited to have a interaction with the existing student with regard to academic achievement. Every year fund is collected from the out gone students and the same is deposited in Old Student Association account. The fund is utilised for Alumni meeting expenditure, free noon meal scheme, proficiency prizes, Department activity prizes and purchase of library books, etc. The report regarding the activity organised by the old student association is given in detail at the end of academic year.

**5.2. Student Progression**

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

A good number of our Under Graduate students and Post Graduate students have progressed towards higher education. The following table shows the program wise progression and placement of our Under Graduate and Post Graduate students for the last four years.

| S.NO | STUDENT PROGRESSION | 2006-2007 % | 2007-2008 % | 2008-2009 % | 2009-2010 % | 2010-2011 % | 2011-2012 % | 2012-2013 % | 2013-2014 % | 2014-2015 % |
|------|---------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| 1    | UG to PG            | 41          | 38          | 13          | 11          | 18          | 13          | 8           | 8           | 7           |
| 2    | PG to M. Phil.,     | 35          | 23          | 8           | 10          | 9           | 10          | 8           | 10          | 9           |
| 3    | PG to Ph.D.,        | Nil         | Nil         | 5           | Nil         | Nil         | Nil         | Nil         | Nil         | Nil         |
| 4    | Employed            | 20          | 25          | 15          | 35          | 38          | 40          | 45          | 43          | 48          |
| 5    | Campus selection    | 24          | 288         | 48          | 150         | 12          | 15          | 4           | Nil         | 8           |

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

The tradition of producing excellent academic results over years. The following Table shows programme-wise pass percentage of the College for previous years. The data pertaining to academic results of other colleges are difficult to retrieve. Hence it is not possible to make comparison with other colleges. However, the pass percentages and dropout rate for the last four years are provided for comparative purposes.

**Pass Percentage and completion rate- Program wise  
B.A., Tamil**

| Year               | No. of students admitted | No. of students completed | Completion Rate | No. of passed students | Pass Percentage |
|--------------------|--------------------------|---------------------------|-----------------|------------------------|-----------------|
| <b>2006-2007</b>   | 30                       | 26                        | 86.66           | 26                     | 100             |
| <b>2007 – 2008</b> | 28                       | 27                        | 96.42           | 27                     | 100             |
| <b>2008 – 2009</b> | 28                       | 27                        | 96.42           | 27                     | 100             |
| <b>2009 – 2010</b> | 16                       | 14                        | 87.5            | 14                     | 100             |
| <b>2010 – 2011</b> | 29                       | 26                        | 89.65           | 26                     | 100             |
| <b>2011 – 2012</b> | 30                       | 25                        | 83.33           | 25                     | 100             |
| <b>2012 – 2013</b> | 31                       | 24                        | 77.41           | 23                     | 95.8            |

### B.A English

| Year        | No. of students admitted | No. of students completed | Completion Rate | No. of passed | Pass Percentage |
|-------------|--------------------------|---------------------------|-----------------|---------------|-----------------|
| 2009 – 2010 | 77                       | 77                        | 100             | 74            | 96              |
| 2010 – 2011 | 72                       | 71                        | 98.6            | 72            | 100             |
| 2011 – 2012 | 71                       | 71                        | 100             | 68            | 96              |
| 2012 – 2013 | 77                       | 76                        | 98.70           | 50            | 66              |

### M.A., English

| Year        | No. Of students admitted | No. Of students completed | Completion Rate | No. of students passed | Pass Percentage |
|-------------|--------------------------|---------------------------|-----------------|------------------------|-----------------|
| 2013 – 2014 | 08                       | 08                        | 100             | 08                     | 100             |
| 2014 – 2015 | 20                       | 18                        | 90              | 18                     | 90              |

### B. C. A.,

| Year        | No. of students admitted | No. of students completed | Completion Rate | No. of passed students | Pass Percentage |
|-------------|--------------------------|---------------------------|-----------------|------------------------|-----------------|
| 2006-2007   | 20                       | 20                        | 100             | 19                     | 95              |
| 2007 – 2008 | 39                       | 37                        | 95              | 32                     | 82              |
| 2008 – 2009 | 50                       | 49                        | 98              | 47                     | 94              |
| 2009 – 2010 | 51                       | 46                        | 90              | 46                     | 90              |
| 2010 – 2011 | 98                       | 89                        | 90              | 87                     | 88              |
| 2011 – 2012 | 95                       | 90                        | 94              | 88                     | 92              |
| 2012 – 2013 | 68                       | 61                        | 89              | 58                     | 85              |

### B.Sc., - Biochemistry

| Year        | No. of students admitted | No. of students completed | Completion Rate | No. of passed students | Pass Percentage |
|-------------|--------------------------|---------------------------|-----------------|------------------------|-----------------|
| 2006-2007   | 32                       | 32                        | 100             | 29                     | 91              |
| 2007 – 2008 | 38                       | 38                        | 93              | 36                     | 95              |
| 2008 – 2009 | 31                       | 31                        | 88              | 19                     | 61              |
| 2009 – 2010 | 40                       | 40                        | 95              | 37                     | 93              |
| 2010 – 2011 | 20                       | 20                        | 100             | 18                     | 90              |
| 2011 – 2012 | 32                       | 32                        | 100             | 32                     | 100             |
| 2012 – 2013 | 30                       | 30                        | 100             | 25                     | 83              |



### B.Sc., - Biochemistry

| Year        | No. of students admitted | No. of students completed | Completion Rate | No. of passed students | Pass Percentage |
|-------------|--------------------------|---------------------------|-----------------|------------------------|-----------------|
| 2006-2007   | 12                       | 12                        | 100             | 12                     | 100             |
| 2007 – 2008 | 10                       | 10                        | 100             | 10                     | 100             |
| 2008 – 2009 | 16                       | 16                        | 100             | 16                     | 100             |
| 2009 – 2010 | 10                       | 10                        | 100             | 10                     | 100             |
| 2010 – 2011 | 17                       | 15                        | 88              | 15                     | 100             |
| 2011 – 2012 | 07                       | 07                        | 100             | 07                     | 100             |
| 2012 – 2013 | 08                       | 06                        | 75              | 06                     | 100             |
| 2013 – 2014 | 04                       | 04                        | 100             | 02                     | 50              |

### M. Phil., - Biochemistry

| Year        | No. of students admitted | No. of students completed | Completion Rate | No. of passed students | Pass Percentage |
|-------------|--------------------------|---------------------------|-----------------|------------------------|-----------------|
| 2010 – 2011 | 8                        | 8                         | 100             | 8                      | 100             |
| 2011 – 2012 | 10                       | 10                        | 100             | 10                     | 100             |
| 2013 – 2014 | 5                        | 5                         | 100             | 5                      | 100             |
| 2014 -2015  | 5                        | 5                         | 100             | 5                      | 100             |

### B. Sc., Chemistry

| Year        | No. of students admitted | No. of students completed | Completion Rate | No. of passed students | Pass Percentage |
|-------------|--------------------------|---------------------------|-----------------|------------------------|-----------------|
| 2010 – 2011 | 50                       | 47                        | 94              | 43                     | 91              |
| 2011 – 2012 | 55                       | 53                        | 96              | 50                     | 94              |
| 2012 – 2013 | 55                       | 53                        | 96              | 47                     | 88              |

### M. Sc., Chemistry

| Year        | No. of students admitted | No. of students completed | Completion Rate | No. of passed students | Pass Percentage |
|-------------|--------------------------|---------------------------|-----------------|------------------------|-----------------|
| 2013 – 2014 | 12                       | 12                        | 100             | 12                     | 100             |

### B.Sc., Computer Science

| Year        | No. of students admitted | No. of students completed | Completion Rate | No. of passed students | Pass Percentage |
|-------------|--------------------------|---------------------------|-----------------|------------------------|-----------------|
| 2006 - 2007 | 27                       | 25                        | 93              | 25                     | 100             |
| 2007 – 2008 | 41                       | 39                        | 95              | 39                     | 100             |
| 2008 – 2009 | 49                       | 49                        | 100             | 49                     | 100             |
| 2009 – 2010 | 50                       | 50                        | 100             | 50                     | 100             |
| 2010 – 2011 | 100                      | 98                        | 98              | 98                     | 100             |
| 2011 – 2012 | 71                       | 64                        | 90              | 64                     | 100             |
| 2012 – 2013 | 81                       | 76                        | 94              | 76                     | 100             |

### M.Sc., Information Technology

| Year        | No. of students admitted | No. of students completed | Completion Rate | No. of passed students | Pass Percentage |
|-------------|--------------------------|---------------------------|-----------------|------------------------|-----------------|
| 2006-2007   | 06                       | 06                        | 100             | 06                     | 100             |
| 2007 – 2008 | 02                       | 02                        | 100             | 02                     | 100             |
| 2008 – 2009 | 12                       | 12                        | 100             | 12                     | 100             |
| 2009 – 2010 | 11                       | 11                        | 100             | 11                     | 100             |
| 2010 – 2011 | 04                       | 04                        | 100             | 04                     | 100             |
| 2011 – 2012 | 05                       | 05                        | 100             | 05                     | 100             |
| 2012 – 2013 | 06                       | 06                        | 100             | 06                     | 100             |
| 2013 – 2014 | 16                       | 16                        | 100             | 16                     | 100             |

### M. Phil., – Computer Science

| Year        | No. of students admitted | No. of students completed | Completion Rate | No. of passed students | Pass Percentage |
|-------------|--------------------------|---------------------------|-----------------|------------------------|-----------------|
| 2010 – 2011 | 11                       | 11                        | 100             | 11                     | 100             |
| 2011 – 2012 | 08                       | 08                        | 100             | 08                     | 100             |
| 2012 – 2013 | 18                       | 18                        | 100             | 18                     | 100             |
| 2013 – 2014 | 15                       | 15                        | 100             | 15                     | 100             |
| 2014 - 2015 | 10                       | 10                        | 100             | 10                     | 100             |

### U.G - Commerce

| Year        | No. of students admitted | No. of students completed | Completion Rate | No. of passed students | Pass Percentage |
|-------------|--------------------------|---------------------------|-----------------|------------------------|-----------------|
| 2006-2007   | 20                       | 18                        | 90              | 18                     | 100             |
| 2007 – 2008 | 60                       | 39                        | 65              | 52                     | 100             |
| 2008 – 2009 | 53                       | 46                        | 87              | 46                     | 100             |
| 2009 – 2010 | 43                       | 40                        | 93              | 40                     | 100             |
| 2010 – 2011 | 70                       | 62                        | 88              | 64                     | 100             |
| 2011 – 2012 | 69                       | 62                        | 89              | 65                     | 100             |
| 2012 – 2013 | 76                       | 75                        | 98              | 75                     | 100             |

### P.G – Commerce

| Year        | No. of students admitted | No. of students completed | Completion Rate | No. of passed students | Pass Percentage |
|-------------|--------------------------|---------------------------|-----------------|------------------------|-----------------|
| 2006-2007   | 14                       | 11                        | 78              | 14                     | 100             |
| 2007 – 2008 | 11                       | 07                        | 63              | 11                     | 100             |
| 2008 – 2009 | 12                       | 06                        | 50              | 11                     | 92              |
| 2009 – 2010 | 05                       | 05                        | 100             | 05                     | 100             |
| 2010 – 2011 | 07                       | 05                        | 71              | 05                     | 100             |
| 2011 – 2012 | 18                       | 16                        | 89              | 18                     | 100             |
| 2012 – 2013 | 19                       | 12                        | 63              | 18                     | 95              |
| 2013 – 2014 | 27                       | 25                        | 92              | 25                     | 96              |

### M. Phil., - Commerce

| Year        | No. of students admitted | No. of students completed | Completion Rate | No. of passed students | Pass Percentage |
|-------------|--------------------------|---------------------------|-----------------|------------------------|-----------------|
| 2012 – 2013 | 4                        | 2                         | 50              | 4                      | 100             |
| 2013 – 2014 | 9                        | 9                         | 100             | 9                      | 100             |
| 2014 – 2015 | 5                        | 5                         | 100             | 5                      | 100             |

### U.G - Mathematics

| Year        | No. of students admitted | No. of students completed | Completion Rate | No. of passed students | Pass Percentage |
|-------------|--------------------------|---------------------------|-----------------|------------------------|-----------------|
| 2006 - 2007 | 66                       | 62                        | 94              | 51                     | 82              |
| 2007 - 2008 | 66                       | 59                        | 89              | 55                     | 93              |
| 2008 - 2009 | 58                       | 57                        | 98              | 54                     | 95              |
| 2009 - 2010 | 69                       | 67                        | 97              | 62                     | 93              |
| 2010 - 2011 | 70                       | 67                        | 96              | 50                     | 75              |
| 2011 - 2012 | 75                       | 70                        | 93              | 67                     | 95              |
| 2012 - 2013 | 139                      | 137                       | 98              | 120                    | 87              |

### PG - Mathematics

| Year        | No. of students admitted | No. of students completed | Completion Rate | No. of passed students | Pass Percentage |
|-------------|--------------------------|---------------------------|-----------------|------------------------|-----------------|
| 2006 - 2007 | 15                       | 15                        | 100             | 07                     | 47              |
| 2007 - 2008 | 08                       | 08                        | 100             | 06                     | 75              |
| 2008 - 2009 | 13                       | 12                        | 92              | 09                     | 75              |
| 2009 - 2010 | 06                       | 06                        | 100             | 06                     | 100             |
| 2010 - 2011 | 15                       | 15                        | 100             | 15                     | 100             |
| 2011 - 2012 | 14                       | 14                        | 100             | 13                     | 93              |
| 2012 - 2013 | 14                       | 14                        | 100             | 12                     | 86              |
| 2013 - 2014 | 25                       | 25                        | 100             | 24                     | 96              |

### M.Phil.,- Mathematics

| Year        | No. of students admitted | No. of students completed | Completion Rate | No. of passed students | Pass Percentage |
|-------------|--------------------------|---------------------------|-----------------|------------------------|-----------------|
| 2010 - 2011 | 04                       | 04                        | 100             | 04                     | 100             |
| 2011 - 2012 | 04                       | 04                        | 100             | 04                     | 100             |
| 2012 - 2013 | 21                       | 21                        | 100             | 21                     | 100             |
| 2013 - 2014 | 18                       | 18                        | 100             | 18                     | 100             |

### B.Sc., Microbiology

| Year        | No. of students admitted | No. of students completed | Completion Rate | No. of passed students | Pass Percentage |
|-------------|--------------------------|---------------------------|-----------------|------------------------|-----------------|
| 2006-2007   | 35                       | 34                        | 97              | 32                     | 94              |
| 2007 – 2008 | 46                       | 46                        | 100             | 45                     | 98              |
| 2008 – 2009 | 27                       | 27                        | 100             | 27                     | 100             |
| 2009 – 2010 | 29                       | 25                        | 86              | 24                     | 96              |
| 2010 – 2011 | 31                       | 31                        | 100             | 26                     | 85              |
| 2011 – 2012 | 22                       | 17                        | 77              | 17                     | 100             |
| 2012 – 2013 | 50                       | 46                        | 92              | 46                     | 100             |

### PG – M.Sc., Microbiology

| Year        | No. of students admitted | No. of students completed | Completion Rate | No. of passed students | Pass Percentage |
|-------------|--------------------------|---------------------------|-----------------|------------------------|-----------------|
| 2006-2007   | 16                       | 16                        | 100             | 14                     | 88              |
| 2007 – 2008 | 18                       | 17                        | 94              | 17                     | 94              |
| 2008 – 2009 | 6                        | 06                        | 100             | 6                      | 100             |
| 2009 – 2010 | 5                        | 05                        | 100             | 5                      | 100             |
| 2010 – 2011 | 21                       | 19                        | 90              | 19                     | 90              |
| 2011 – 2012 | 13                       | 10                        | 77              | 6                      | 60              |
| 2012 – 2013 | 5                        | 04                        | 80              | 4                      | 100             |
| 2013 – 2014 | 6                        | 05                        | 100             | 4                      | 90              |

### M. Phil., Microbiology

| Year        | No. of students admitted | No. of students completed | Completion Rate | No. of passed students | Pass Percentage |
|-------------|--------------------------|---------------------------|-----------------|------------------------|-----------------|
| 2011 – 2012 | 8                        | 8                         | 100             | 8                      | 100             |
| 2012 – 2013 | 4                        | 4                         | 100             | 4                      | 100             |
| 2013 – 2014 | 3                        | 3                         | 100             | 3                      | 100             |
| 2014 - 2015 | 7                        | 7                         | 100             | 7                      | 100             |

### B.Sc., Physics

| Year        | No. of students admitted | No. of students completed | Completion Rate | No. of passed students | Pass Percentage |
|-------------|--------------------------|---------------------------|-----------------|------------------------|-----------------|
| 2006-2007   | 22                       | 22                        | 91              | 18                     | 82              |
| 2008 – 2009 | 10                       | 08                        | 80              | 8                      | 80              |
| 2009 – 2010 | 41                       | 38                        | 93              | 38                     | 93              |
| 2010 – 2011 | 38                       | 38                        | 100             | 35                     | 92              |
| 2011 – 2012 | 55                       | 53                        | 96              | 49                     | 89              |
| 2012 2013   | 50                       | 46                        | 92              | 45                     | 90              |

### M.Sc., Physics

| Year        | No. of students admitted | No. of students completed | Completion Rate | No. of passed students | Pass Percentage |
|-------------|--------------------------|---------------------------|-----------------|------------------------|-----------------|
| 2012 – 2013 | 12                       | 12                        | 12              | 12                     | 100             |
| 2013 – 2014 | 12                       | 12                        | 12              | 12                     | 100             |
| 2014 – 2015 | 11                       | 11                        | 100             | 8                      | 72              |

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

The College makes sincere efforts to facilitate student progression to higher level of education and getting suitable placements including commencement of her own entrepreneurial venture, both at Graduate as well as at Post Graduate levels. The career Guidance and Placement Cell of the College acts as a centre for identifying job opportunities and higher education facilities. Students are informed of the reputed higher education institutions and procedures for applying the same. Notification of admission to premier institutions is displayed on the notice board and students are encouraged to apply. From time to time, the Cell makes arrangement for various guest lectures. Eminent personalities from diverse fields of education are invited to interact with the students. The Cell helps students to register their names with the Employment Exchange. This step of College has facilitated the students in identifying better job opportunities. Personality development programmes are also helpful for the student progression to higher level of education or employment.

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

The college is committed to bring down the dropout rate. The socioeconomic, cultural and psychological issues contribute the drop out factor. To deal with the socio cultural problems, the Counselling cell and Grievance redress cell address the problems of the students and sometimes parents too. Personally contacting the parents of students who are at the risk of drop out/failure have helped a lot to reduce the dropout rate. Remedial coaching classes for slow learners have been instrumental in considerably reducing the dropout rate of our students and in raising their academic performance. Each department conducts remedial coaching for weaker students and special

counselling classes are given to avoid the problem of drop outs. Free ships and fee concession are extended by the management to the students who are at risk of dropout due to financial problems.

### 5.3. Student Participation and Activities:

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

The major co-curricular and extra-curricular activities in the college are organised under the auspices of NSS, Red Ribbon Club, Fine Arts Club, Career Guidance and Placement Cell etc. Many programmes are organised every year by these clubs which are aimed at the overall development of the students. Recreation facilities like Chess, caroms are provided in the student's centre. The introduction of the semester system for Under Graduate programme from 2009 admission onwards is a constraint to conduct full-fledged arts and sports activities on a regular basis. In spite of this, the Management and staff of the College are keen to earmark a day as Annual Sports Day. On that day, various intramural College level athletic competitions are conducted and winners are awarded with prizes and certificates. Details of Annual Sports Day for the academic year are as follows

#### Sports and Games:

The Following are the prize winners in the sports activities conducted in annual sports meet:

| S. NO | YEAR      | DATE            | NAME OF THE STUDENT                      | GAMES           | PLACE  |
|-------|-----------|-----------------|--|-----------------|--------|
| 1.    | 2006-07   | 04.11.2007      | S.Kanimozhi – II UG Micro                | Running         | II     |
|       |           | -               | K.M.Loganayaki- BioChemistry             | 5KM walk        | VI     |
|       |           | 05.11.2007      | S.Sudha- BioChemistry                    | Javelin         | V      |
| 2.    | 2007-08   |                 | P.Srividhya -III UG Micro                | Volley Ball     | I      |
|       |           | 02.10.07        | R.V.Pandiselvi - BioChemistry            | Volley Ball     | II     |
|       |           |                 | S.Jayanthi - BioChemistry                | HighJump        | V      |
|       |           |                 | R.Rashmiga - IIIUG                       | Volley Ball     | II     |
|       |           | 03.01.08        | J.Mohanaprabha - III UG                  | Carrom          | II     |
|       |           |                 | T.Ranjana mala - I UG                    | Volley Ball     | I      |
|       |           |                 | E.Raja lakshmi - IIIUG                   | Ball Badminton  | II     |
| 3.    | 2008-2009 | 07.09.2007      | S.Kanimozhi -II B.Com                    | Kabadi          | VI     |
|       |           | 04.11.2007      | S.Poonkodi - I B.Com                     | 100meter        | IV     |
|       |           |                 | T.Devi - II year                         | Volley Ball     | I      |
|       |           |                 | P.Poongothai - III year                  | Kabadi          | II     |
|       |           |                 | A.Manju (I year)                         | KhoKho          | I      |
|       |           |                 | E.Kavitha (II year)                      | Ball Badminton  | I      |
|       |           | 08.09.2008      | J.Nithya (I year)                        | Ball Badminton  | I      |
|       |           |                 | P.Poongothai (III year)                  | Ball Badminton  | II     |
|       |           |                 | S.Kanimozhi (II B.Com)                   | Kho - Kho       | IV     |
|       |           |                 | S.Poonkodi (I B.Com)                     | Relay           | IV     |
| 4.    | 2009-2010 | 07.04.10        | K.Jayakumari (III year)                  | Kabaddi         | III    |
|       |           | 07.04.10        | R.Sivagami (II year )                    | KhoKho          | III    |
|       |           | 15.12.2009      | S.Kanimozhi (III B.Com)                  | Jewelling Throw | V      |
| 5.    | 2010-2011 | 15.12.2010      | A.Kalaivani                              | Volley ball     | Winner |
|       |           | &<br>16.12.2010 | K.Madhumitha                             | Volleyball      | Runner |
|       |           |                 | N.Mahalakshmi                            | Volley ball     | Runner |
|       |           |                 | E.Sudha                                  | Shot Put        | VII    |
| 6.    | 2011-2012 |                 | A.Kalaivani<br>N.Mageshwari<br>S.Dhilsha | Throw ball      | Winner |

|    |           |                            |             |        |
|----|-----------|----------------------------|-------------|--------|
| 7. | 2012-2013 | K.Madhumitha<br>T.Thushara | Tennikoitt  | Winner |
| 8. | 2014-2015 | Kaviya - I year            | Volley Ball | II     |

The Following are the prize winners in the inter collegiate sports activities

| S. NO.          | YEAR         | DATE             | NAME OF THE STUDENT  | GAME        | PLACE     | ORGANISED BY   |
|-----------------|--------------|------------------|--|-------------|-----------|--|
| 1               | 2006 – 2007  | 19 & 20 Nov 2006 | S. Jayanthi  | High Jump   | III Place | Thiruvalluvar University Athletic Meet Jawahar Science College |
|                 |              |                  | M.Jansi  | 100 Mts     | III Place |  |
| G. Sangeetha    | Javlin       | III Place        |  |             |           |  |
| 1               | 2006 – 2007  | 19 & 20 Nov 2006 | S. Ezhilarasi  | 400 Mts     | IV Place  | Neiveli Athletic   |
|                 |              |                  | M. Jansi   | Long Jump   | V Place   |  |
| R.Rashmika      | Shot Put     | VII Place        |  |             |           |  |
| S. Angayarkanni | Discus Throw | VII Place        |  |             |           |  |
| 2               | 2007 - 2008  | 02.10.2007       | R. V. Pandi Selvi  | Volley Ball | IV Place  | Theivanimmal College , Villupuram.                             |
|                 |              |                  | R. Rashmika<br>S.Ramya<br>S. Ammupriya<br>V. Pushpavalli<br>S. Monisha |             |           |  |
| 2               | 2007 - 2008  | 04 & 05 Nov 2007 | K.M.Loganaya gi  | 5 K.M Walk  | VI Place  | CMC College, Bagayam   |
|                 |              |                  |  | 1000 Mts    | V Place   |  |
| R.Poongodi      | 400 Mts      | VI Place         |  |             |           |  |
| S.Jayanthi      | High Jump    | V Place          |  |             |           |  |
| E.Sudha         | High Jump    | V Place          |  |             |           |  |
| S.Kanimozhi     | High Jump    | V Place          |  |             |           |  |
| R.Poongodi      | High Jump    | V Place          |  |             |           |  |
| S.Janani        | High Jump    | V Place          |  |             |           |  |
| Kanimozhi       | Hephathlon   | III Place        |  |             |           |  |
|                 | 800 Mts      | IV Place         |  |             |           |  |
|                 | 100mts       | IV Place         |  |             |           |  |



|          |                |                        |  |   |                                    |   |
|----------|----------------|------------------------|--|---|------------------------------------|---|
|          |                |                        |  | Long Jump                                 | VIII Place                         |   |
|          |                |                        | S.Sudha  | Hephathlon<br>Javlin<br>100 Mts           | IV Place<br>IV Place<br>VIII Place |   |
|          |                | 03 & 04<br>Jan 2008    | R.V.Pandiselvi<br>J.Mohana<br>Praba<br>M.Yasmin<br>Begam | Ball<br>Badminton                         | III Place                          | Auxilium College  |
|          |                | 08 & 09<br>Jan 2008    | J.Mohana Praba   | Ball<br>Badminton                         | III Place                          | Selected To Participate in<br>Ball Badminton<br>Tournament<br>At Hydrabad University. |
|          |                | 17 Jan<br>2008         | S.Kalaiselvi   | Ball<br>Badminton                         | III Place                          | Fort Campus,Vellore.  |
|          |                |                        | S.Yasmeen<br>Begam                                       | Shuttle<br>Badminton<br>Tournament        | IV Place                           | Thiruvalluvar University  |
| <b>3</b> | 2008 -<br>2009 | 18 & 19<br>Aug<br>2008 | S.Kanimozhi<br>R.Sivagami                                | Kho –Kho                                  | II Place                           | Dkm College,<br>Vellore   |
|          |                | 28 & 29<br>Aug 2008    | R.Sivagami   | Kho-Kho                                   | II Place                           | Selected For<br>Thiruvalluvar University  |
|          |                | 03 & 04<br>Jan 2009    | S.Kanimozhi<br>R.Kalaivani<br>R.Sivagami                 | Heptathon<br>Ball<br>Badminton<br>Kho-Kho | -                                  | Selected To Participate<br>In Finals.   |
| <b>4</b> | 2009 -<br>2010 | 15 & 16<br>Dec 2009    | S.Kanimozhi  | Heptathon<br>Long Jump<br>Javlin          | VII Place<br>VII Place<br>V Place  | Thiruvannamalai<br>Stadium  |

**5.3.2. Furnish the details of major student achievements in co-curricular, extracurricular and cultural activities at different levels: University/Zonal/National/ International etc, for the previous four years?**

Students of our College participated in various inter-collegiate competitions and won prizes.

| Year        | Name of the Participant             | Name of the Institution                                       | Name of the Competition  | Prize             |
|-------------|-------------------------------------|---|--------------------------|-------------------|
| 2007 -2008  | S. Barani II UG C.S                 | Manavar Mandram Chennai                                       | Essay Writing            | II                |
|             | J. Poornima IUG C.S                 | Thiruvalluvar panpattu Kalvi Kazhagam                         | Thirukural Exam          | I                 |
|             | A. Devi III UG Tamil                |   |                          | II                |
|             | R. Dhanabakiyam II U.G Tamil        |   |                          | III               |
|             | P.L. Meenakshi II UG C.S            | Vivekananda Arts & Science College, Elayambakam               | State Level Competition  | Consolation Prize |
|             | J. Noori Begam -III UG B.Com        |   |                          |                   |
|             | S. Sathana - II UG Botany           | Manavar Mandram   | Tamil Exam               | I                 |
|             | K. Suriya - I UG CS                 |   |                          | II                |
| 2009 -2010  | A.Lisy – I U.G Physics              | Sri Akilandeswari women’s college.                            | Road Safety - Oratorical | I                 |
|             | R. Chitra – I U.G Tamil             |   |                          | II                |
|             | T. Jayanthi – I U.G Maths           |   |                          | III               |
|             | N. Jayanthi - III UG Tamil          | Manavar Mandram   | Story writing            | I                 |
|             | M. Ramprabha- III UG Biochem        |   |                          | II                |
|             | U. Punithavathi-IUG Microbiology    |   |                          | III               |
|             | V.Sasikala – II U.G Tamil           | Thiruvalluvar Educational & Cultural Board                    | Written Exam             | I                 |
|             | A.Risana fathima – I Microbiology   |   |                          | II                |
|             | K. Revathi – III U.G Tamil          |   |                          | III               |
| 2010 - 2011 | P. Nirosha – I U.G C.S II Batch     | Thiruvalluvar Educational & Cultural Board                    | Written Exam             | I                 |
|             | M. Revathi – I U.G Maths I Batch    |   |                          | II                |
|             | A.Rajalakshmi – III U.G Tami        |   |                          | III               |
|             | S. Lavanya – I U.G Tamil            | Manavar mantram   | Written Exam             | II                |
|             | S.Saranya – II U.G English          | Kaviyarasar kalai Sangam                                      | Drawing                  | Consolation Prize |
|             | A.Gayathri – III U.G Tamil          | Manavar Mandram   | Story Writing            | I                 |
|             | S.Sasi – II U.G Physics             |   | Essay Writing            | II                |
|             | R.Shobana – III B.C.A               |   | Poetry                   | III               |
|             | A. Najimunisha Begam – I U.G Mathas |   | Drawing                  | III               |
| 2012 – 2013 | M.Ambika                            | Competition of Ilakkiya, Organised by C. Abdul Hakeem College | Story Writing            | III               |

|             |                                    |  |                                   |                             |
|-------------|------------------------------------|--|-----------------------------------|-----------------------------|
| 2013 - 2014 | M.Priya – I Maths I Batch          |  | Poem                              | II                          |
|             | A.Anusha – I Physics               | State level Competition of Ilakkiya, Organised by C.Abdul Hakeem College | Oratorical                        | III                         |
|             | D.Durgadevi – I Maths I Batch      | D.M.K Meeting Thiruvannamalai  |                                   | I                           |
|             | S.Divya - III BCA                  | Adhiparasakthi Arts & Science College, Kalavai                           | Vegetable carving                 | I                           |
|             | G.Shameem - III BCA                |  | Face Painting                     | I                           |
|             | C.Nithya - III BCA                 | Dinakaran Daily  | District Level Poetry Competition | I                           |
|             | U.Punithavathy – III Microbiology  | Sony communication Company   | Released Sharan Punith Rock Album | Cash Prize of Rs.1,50,000/- |
| 2014 -2015  | A .Anusha – III Physics            | KaviyarasarKalai Tamil Sangam  |                                   | Elakiya Sudar - Award       |
| 2014 – 2015 | A.Anusha – II Physics              | C.Abdul Hakeem College   | Oratorical                        | III                         |
|             | R.Komathi – I Physics              | Sri Akilandeswari women’s College.                                       | Oratorical                        | I                           |
|             | A.Anusha – II Physics              |  |                                   | II                          |
|             | M. Anandha Valli III Maths I Batch |  |                                   | III                         |

**5.3.3. How does the college seek and use data and feedback from its graduates and employers, to improve the performance and quality of the institutional provisions?**

The College has a clearly set and defined mechanism for obtaining the feedback from the students to improve the performance and quality of the institutional provisions. The management and Principal collecting the exit level feedback from the students regarding teaching learning process and the Principal other support services available in the campus. The results are numerically analysed and are communicated to the respective stakeholders personally by the management and the Principal.

Feedback from industry, academic experts and alumni are recorded in the Visitors Dairy as and when they visit the College. The faculty members during such occasions informally interact with them and seek the feedback to improve the performance and quality of the institutional provisions. Feedback from parents is collected at the time of PTA meeting. Feedback obtained from various stakeholders, are discussed in the IQAC and the relevant observations are brought to the notice of the Principal and are the basis for further improvement of the performance of the Institution on various aspects such as teaching-learning process, overall development of the students, communication ability of the students etc.

**5.3.4. How does the college involve and encourage students to publish materials like catalogues, wall magazines, college magazine, and other materials? List the publications/materials brought out by the students during the previous four academic sessions.**

The College encourages students to publish articles in the College Magazine. The College Magazine is published in which student’s articles in English and Tamil are included. The Magazine Committee monitors and edits the contents of the magazine. The College Magazine is a manifestation of the literary and creative talents of the students.

The students of Computer Science department are entrusted with the designing and preparing brochures and posters of the inter-collegiate seminars/workshops organised by it.

**5.3.5. Does the college have a Student Council or any similar body? Give details on its Selection, Constitution, activities and funding:**

The College has a student council for which II P.G candidate is the President and III U.G Candidate is the Vice-President. The candidates were selected by the head of the institution depending on their academic performance and their overall intelligence. They are responsible to various activities which are carried out by various clubs.

The funds are provided by the management which is the part of the fund which are collected form Old Student Association. These funds are utilised by the student council for various expenditure such as welcoming the fresher, organising cultural activities, farewell to seniors etc.,

**5.3.6. Give details of various academic and administrative bodies that have student representatives on them.**

| S.NO | NAME             | CLASS                | DESIGNATION                      | CLUB                      |
|------|------------------|----------------------|----------------------------------|---------------------------|
| 1.   | P.Vallarasi      | II-P.G-Maths         | President – Student Council      |                           |
| 2.   | Gayathri Devi    | III-U.G Biochemistry | Vice President – Student Council |                           |
| 3.   | D. Seethalakshmi | II-U.G-English       | Member                           | National Service Scheme   |
| 4.   | D. Saraswathi    | III-U.G-Chemistry    | Member                           | L.E.O Club                |
| 5.   | S.R.Aswini       | I-U.G-Maths          | Member                           | Environmental Club        |
| 6.   | M.Marsika        | III-U.G-Physics      | Member                           | Red Ribbon Club           |
| 7.   | S.Karthika       | III-U.G-Physics      | Member                           | Youth Red Cross           |
| 8.   | S.Papulakshmi    | I-P.G-Commerce       | Member                           | Citizen Consumer Club     |
| 9.   | E.Aswini         | II-P.G-English       | Member                           | Fine Arts Club            |
| 10.  | V.Archana        | III-U.G-Physics      | Member                           | Anti Ragging Committee    |
| 11.  | G.Subbulakshmi   | II-U.G-Maths         | Member                           | Grievance Cell            |
| 12.  | S.Chenthamarai   | II-P.G-Physics       | Member                           | Women’s Club              |
| 13.  | S.Suganya        | II-P.G-Biochemistry  | Member                           | Nutrition and Health Club |

**5.3.7. How does the institution network and collaborate with the Alumni and former faculty of the Institution.**

The College gives adequate impetus to have well activated network of alumni of the College. Accordingly, the College has initiated the work of organising an Alumni Association and registered the same by duly nominated Executive Committee. We have organised a mega alumni day in the year 2011 – 2012 also we have plans to convene a Mega Alumni Day towards the end of current academic year after creating a complete data base of our Alumni. As a preliminary step, we have created a special provision in our Website for the Sri Akilandeswari Women’s College Alumni with an inbuilt option for online membership registration. We have a cordial relationship with our former faculties and they were invited for various academic and extracurricular functions organised in our campus.

# **CRITERIA - VI**

## **KEY ASPECTS**

- 6.1 Institutional Vision and Leadership**
- 6.2 Strategy Development and Deployment**
- 6.3 Faculty Empowerment Strategies**
- 6.4 Financial Management and Resource Mobilization**
- 6.5 Internal Quality Assurance System (IQAS)**

## CRITERIA - VI

### GOVERNANCE, LEADERSHIP AND MANAGEMENT

#### 6.1. INSTITUTIONAL VISION AND LEADERSHIP

##### 6.1.1. State the vision and mission of the institution and enumerate on how the mission statement defines the institution's distinctive characteristics in terms of addressing the needs of the society, the students it seeks to serve, institution's traditions and value orientations, vision for the future, etc.?

Our college is located in the rural area of Thiruvannamalai and mainly focuses on the betterment of society, through the empowerment of women by educating them.

**Vision:** Empowering women through higher education and enriching the status of the Institution to attain autonomous status and ultimate vision is to attain denovo status.

**Mission:** To empower women, by providing the basic right by increasing the employability and by making them to be a part of this socio-economic development.

##### **Institution distinctive characteristics:**

- Transparency in Academic activities and Administrative procedures.
- Making the students to realize the individual's responsibility to the society.
- Maintaining a healthy relationship between the parents, society and the institution being united without any sort of distinctiveness.
- Improve literacy rate by reducing the drop outs in this rural area.
- Increasing the percentage of employability with the help of soft skill programme.

##### **Objectives:**

- To make realize the importance of higher education.
- To bring out the talents of students.
- To become an institution which is providing all professional courses and facilities at all levels.
- To mould the students in such a way to use all the modern facilities available.
- To mould better citizens for the future.

##### **Transformation of vision into its activities:**

- Providing fees concession.
- Making way to avail scholarships from government and non-governmental organizations.
- Providing transportation to every rural area too.
- Management scholarships through Swamy Abedhanandha Educational Trust.
- Providing annual training program.
- Concurrent DYHE (Diploma in Yoga and Human Excellence) and PG yoga programs for student.
- Providing endowment scholarships in many categories. For example, the endowment prize instituted by Dr.Savithri Devaraj, (Former Principal) to the students who have secured highest marks in the whole of UG and PG.
- Free noon meals scheme is implemented.

##### **Our vision for the future:**

- To attain autonomous status.
- To enhance the opportunity to place the students in better institutions and organizations

- To uplift all the departments to research level
- To set up technically high level research laboratories.

### **6.1.2. What is the role of top management, principal and faculty in design and implementation of its quality policy and plans?**

#### **ROLE OF TOP MANAGEMENT:**

- The management provides quality education at lowest fees structure.
- To meet the Employment demand, Management introduces new Job oriented courses.
- Management provides additional coaching to clear NET, SLET.
- Fees concession is given for the students, those who continue their PG degree in our college.
- To ensure the equity among the students, Uniform is followed as the dress code.

#### **ROLE OF THE PRINCIPAL:**

- The Principal monitors the admission process, curricular, co-curricular and extra curricular activities.
- The Principal reviews the examination results periodically to ensure the quality of the Teaching-Learning process.
- The Principal maintains good relationship between teaching staffs, non teaching staffs, management and students.
- Motivates the staff to reach the ultimate goal of attaining 100% result.

#### **ROLE OF FACULTY:**

- Guidance for preparing Study materials by the students.
- To make teaching learning process effective technological enhancements such as NPTEL, Virtual Labs videos are exposed to the students frequently in the smart class rooms.
- Periodical Parents - Teachers meetings were conducted and examination results were conveyed through letters.
- Motivating students to take part in all activities.

### **6.1.3. What is the involvement of the leadership in ensuring:**

- **The policy statements and action plans for fulfilment of the stated mission.**
- **Formulation of action plans for all operations and incorporation of the same into the institutional strategic plan.**
- **Interaction with stakeholders**
- **Proper support for policy and planning through need analysis, research inputs and consultations with the stakeholders.**
- **Reinforcing the culture of excellence**
- **Champion organizational change.**
- **The policy statements and action plans for fulfilment of the stated mission.**
- **Governing body meetings were conducted periodically to review the execution of the strategic plans.**
- **Formulation of action plans for all operations and incorporation of the same into the institutional strategic plan.**

In the Governing body meeting, the academic plans were made. The needs in the financial and infrastructural modes were taken over to the Management for grant.

#### **Interaction with stakeholders**

Interaction with stakeholders, were made through the regular and periodical meeting. If any valuable suggestions are found, then they will be implicated properly. For example, Suggestion on starting new PG course have been considered and it has been started, Suggestion for running busses in new routes has been implemented.

#### **Support for policies and planning:**

- Management accepts and supports the proper policies financially.
- Parents also co-operate with the management for providing the special coaching and soft skills program for the students.
- Once a policy is implemented the Principal and the staff members strictly follow it.

#### **Reinforcing the culture of excellence**

- Creating language labs.
- Increasing the strength of the library resources.
- Honouring the achievers of both academic and co curricular activities
- Encouraging teaching staffs to use various teaching techniques.

#### **6.1.4. What are the procedures adopted by the institution to monitor and evaluate policies and plans of the institution for effective implementation and improvement from time to time?**

The IQAC committee submits the annual quality assurance report with overview of the Principal. The overall examination results were analyzed periodically. Meetings are conducted and the suggestions on improving the quality and results were given to the staffs. The implementation of the same is overviewed by the Principal.

#### **6.1.5. Give details of the academic leadership provided to the faculty by the top management?**

The academic leadership works in the order as necessary from top management to the non-teaching staffs, with the active participation of principal, teaching staffs, technical staffs, librarian and physical directress.

The Principal plays a vital role in the academic leadership. He manages all the academic activities such as National/State level seminars, Workshops, Special lectures. He conveys all the academic requirements and the need in infrastructural development to the management and gets sanctioned.

H.O.D's actively participate in the academic activities. They will make plan on the departmental activities and coordinates the staffs and students for the successful completion of such activities. For example, conducting seminar , Competitions like one minute speech , poster presentation etc.

#### **6.1.6. How does the college groom leadership at various levels?**

Heads of the departments lead the staff members, so that they work in an effective way.

H.O.Ds monitors the tutor ward system and periodical feedback has been collected.

Academic committee is constituted with staff members as members of the committee; they have given freedom to take decisions of their own. Also all these were coordinated and guided by the Principal with the overview of the management.

The ward tutors take care of their students and motivates them to shine.

#### **6.1.7. How does the college delegate authority and provide operational autonomy to the departments / units of the institution and work towards decentralized governance system?**



Management provide freedom in academic activities

Academic activities of the departments were planned by the concerned H.O.Ds and with the concurrence of the Principal. The plans were executed with the support of staff members and students. Academic activities such as Departmental seminars, Departmental club activities and competitions were conducted successfully.

H.O.D's and senior staff members monitors the teaching and learning process and observation classes were also conducted.

**6.1.8. Does the college promote a culture of participative management? If 'yes', indicate the levels of participative management.**

Yes, our college promotes a culture of participative management. Each and every activity of the institution is made in a transparent way.

The management encourages all the staff to express their ideas. For example, before implementing a certain decision, the Management conveys the decisions taken to the staff and gets their reviews for the better implementation.

As a part of participative management, many committees were formed to monitor various academic activities.

**6.2. STRATEGY DEVELOPMENT AND DEPLOYMENT**

**6.2.1. Does the institution have the formally stated quality policy? How it is developed, driven, deployed and reviewed?**

Yes, the institution has formally stated quality policy. Developing the students' quality as mentioned above.

Management conducts many soft skills training programs, and also conducts the motivating classes in such a way to increase the employability.

Our placement cell officers take necessary steps for the campus interview and to attend off-campus job fairs.

Principal reviews all these activities and he takes necessary actions to ensure the students employability.

**6.2.2. Does the institution have a perspective plan for development? If so, give the aspects considered for inclusion in the plan.**

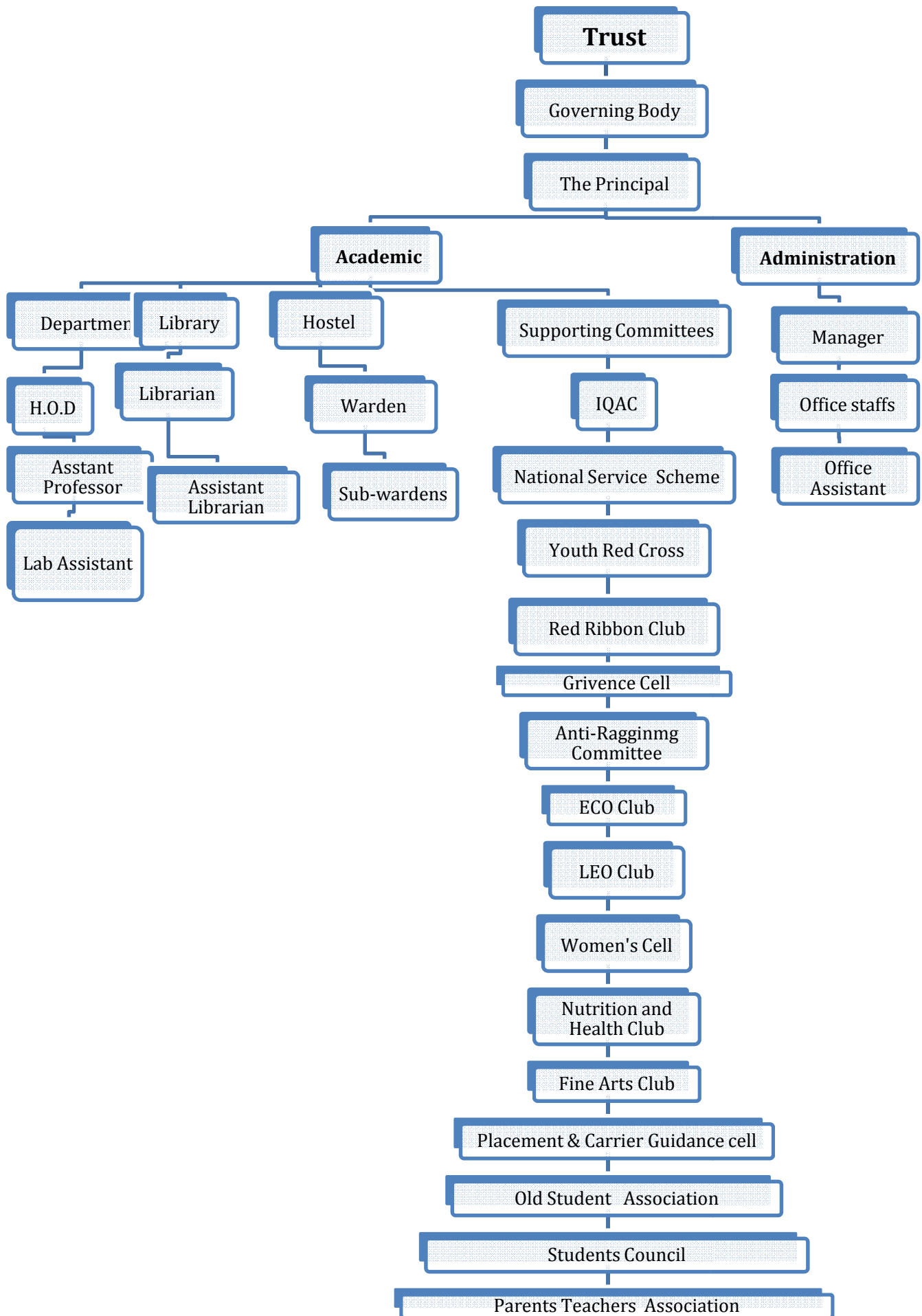
To achieve higher grade in assessment and accreditation process.

To get autonomy for the institution in future.

To upgrade all the departments to research level.

**6.2.3. Describe the internal organizational structure and decision making processes.**

The decision making process is carried out in the following hierarchy



#### **6.2.4. Give a broad description of the quality improvement strategies of the institution for each of the following.**

- Teaching & Learning
- Research & Development
- Community Engagement
- Human Resource management
- Industry Interaction

#### **TEACHING & LEARNING**

- At the beginning of the academic year, every student is provided with the academic calendar.
- Staffs prepare a schedule for the completion of the syllabus and strictly adhere it.
- The output of teaching learning process is monitored by the Principal and H.O.D, the progress reports were sent to the parents periodically. Special care is taken to the students when necessary.
- The continuous internal assessment marks for the students were awarded on the basis of their performance in the test, assignment and model examinations.
- To make the teaching learning process interesting and effective by means of adopting latest teaching techniques.
- Learning resources are upgraded periodically and e-materials are also available.

#### **RESEARCH AND DEVELOPMENTS:**

- 5 Departments were upgraded to research level.
- Staff members are motivated to undergo research programs and to publish their research papers in reputed journals.
- The faculty members are permitted to participate in orientation programs, refresher programs, seminars and workshops.
- The Institution also organizes National level/International level seminars and workshops.

#### **COMMUNITY ENGAGEMENT**

- To improve and to make them to realize the individual values, the students were encouraged to participate in social activities.
- Students participate actively in co-curricular activities and social service forums such as NSS, RRC, YRC, Leo club, consumer club etc.,
- They also participate in the rallies to create public awareness such as health awareness and Energy Conservation awareness.
- Blood donation camp is conducted every year.
- NSS-special camps are organized in nearby villages every year.

#### **HUMAN RESOURCE MANAGEMENT**

- Staff appointments are made by placing advertisements in newspapers and college website.
- Interview is conducted in the presence of Interview Board based on the qualification and experience.

#### **INDUSTRY INTERACTION**

- Our placement cell officers interact with the industry/institution every year and make arrangements for the on-campus and off-campus interviews.

- The Departments of Biochemistry , Microbiology , Physics and Chemistry makes Industrial Visits periodically.
- Several Programmes like Android workshop, Ornamental Fish culture and Rice Breeding has been regularly conducted, which enhances the quality of the institutional strategies.

**6.2.5. How does the head of the institution ensure that adequate information (from feedback and personal contacts etc.) is available for the top management and the stakeholders, to review the activities of the institution?**

Feedbacks are collected by means of grievance box and in person from students and considerations are made.

Suggestions from parents and public are also considered.

**6.2.6. How does the management encourage and support involvement of the staff in improving the effectiveness and efficiency of the institutional processes?**

The management encourages the staff members by encouraging with rewards for achieving 100% results and for participating in the seminars and workshops.

The management gives freedom to implicate their innovative ideas under the guidance of Principal and management.

**6.2.7. Enumerate the resolutions made by the management council in the last year and the status of implementation of such resolutions.**

The following Resolutions were made in the first management council meet.

- To Conduct National Level Conferences
- To Construct New Auditorium
- To install R.O plant
- To send Letter of Indent to NAAC for Reaccreditation
- To increases the number of buses
- To Construct new class rooms
- To recruit staffs with NET/SET and Ph.D.,

At the middle of the year most of the resolutions were fulfilled .The Auditorium has been kept under construction and few staffs were recruited with NET/SET/Ph.D qualification.

In the consecutive Management council meetings the following Resolutions were made:

- To organise International Conference
- To upgrade Library in all aspects
- To increase the number of buses
- To Construct Language lab
- To install CCTV surveillance cameras in and around the campus

By the end of the year necessary steps were taken to organise International Conference and to create Language lab .The Construction of Auditorium has completed and all other resolutions were fulfilled.

**6.2.8. Does the affiliating university make a provision for according the status of autonomy to an affiliated institution? If ‘yes’, what are the efforts made by the institution in obtaining Autonomy?**

The management has plan to apply for autonomy in forthcoming years.

**6.2.9. How does the institution ensure the grievances/ complaints are promptly attended to and resolve effectively? Is there a mechanism to analyze the nature grievances for promoting better stakeholder relationship?**

The grievance cell was formed and the grievance box was checked once in a week. Any problems mentioned in such manner will be kept for discussion and remedies were taken as required. All the letters were filed along with the remedial measures the letters will be forwarded to the management.

**6.2.10. During the last four years, had there been any instances of court cases filed by and against the institute? Provide details on the issues and decisions of the courts on these?**

There are no such cases against the college.

**6.2.11. Does the institution have a mechanism for analyzing student feedback on institutional performance? If 'yes' ,what was the outcome and response of the institution of such an effort?**

Yes the institution follows a mechanism for the betterment of institutional performance. Feedback has also been collected from the OSA and required remedies were taken.

**OUTCOME:**

The comparative feedback system ensures the betterment.

The new modified methodology encourages the students to perform better than before.

Facilities like new RO plant for drinking water have been made

The participation of staffs in responding to the feedback has been improved.

Generator facility is Available for the whole college.

The Library facilities including upgradation and increase in number of books, magazines, journals and e - resources are fulfilled.

**6.3. FACULTY EMPOWERMENT STRATEGIES**

**6.3.1. What are the efforts made by the institution to enhance the professional development of its teaching and non teaching staff?**

Faculty development program has been conducted by ASSET organization.

Classes for NET and SET were conducted.

Management encourages the staff members to join research programmes.

Non teaching staffs were given permission to undergo higher studies.

All departments were motivated to conduct national level seminars and workshops.

The staffs were encouraged to publish papers and to participate in seminars and workshops.

**6.3.2. What are the strategies adopted by the institution for faculty empowerment through training, retraining and motivating the employees for the roles and responsibility they perform?**

The coordinators of various extra-curricular and co-curricular activities were motivated to attend orientation programs.

The institution provide staff development program and are motivated to participate in the research program.

The staffs were felicitated by the management for their academic achievements.

**6.3.3. Provide details on the performance appraisal system of the staff to evaluate and ensure that information on multiple activities is appropriately captured and considered for better appraisal.**

Staffs are encouraged to register for further research program and to publish papers with reputed journals.

The Principal, H.O.Ds make frequent visits to the class to assess the teaching ability of the staff.

Confidential reports were prepared by the principal on the H.O.Ds, and by the H.O.Ds on the faculty members. And the same were analyzed.

Result analyses were made periodically.

**6.3.4. What is the outcome of the review of the performance appraisal reports by the management and the major decisions taken? How are they communicated to the appropriate stakeholders?**

Proper result analysis were made and respective remedies were taken. The Management appreciates the staffs, on the basis of rewards and awards.

The governing body analysis the output of every activity in the meeting. If draw backs are found then necessary remedial measures were recommended to the concern person responsible and the same is communicated to the stakeholders by periodical meetings.

**6.3.5. What are the welfare schemes available for teaching and non teaching staff? What percentage of staff have availed the benefit of such schemes in the last four years?**

PF for teaching staff.

| Academic Year | % of Teaching & Non – Teaching staffs availed PF |
|---------------|--|
| 2006-2007     | 23   |
| 2007-2008     | 19   |
| 2008-2009     | 38   |
| 2009-2010     | 28   |
| 2010-2011     | 46   |
| 2011-2012     | 16   |
| 2012-2013     | 14   |
| 2013-2014     | 48   |
| 2014-2015     | 38   |
| 2015 -2016    | 40   |

Maternity leave benefit for the staffs those who have completed their service of 3 years were provided. In the past nine years 15 staffs were availed the Maternity benefit.

Loan facility is availed for PF staffs.

Pongal exgratia was given to all teaching and non teaching staff.

Insurance facility is provided for the Staff members.

Free boarding and transport facilities is available for teaching and non teaching staffs.

#### **6.3.6. What are the measures taken by the institution for attracting and retaining eminent faculty?**

The staffs are recruited through true advertisements in reputed dailies and through our college website.

Once the eminent qualified candidates are selected, they were given freedom to undergo research programs. They were supported by all facilities.

Providing a comfort working environment to work efficiently.

### **6.4. FINANCIAL MANAGEMENT AND RESOURCE MOBILIZATION**

#### **6.4.1. What is the institutional mechanism to monitor effective and efficient use of available financial resources?**

The Management under Swamy Abedhanandha Educational Trust manages all the finance related issues .

All the financial sources were properly utilized under the monitoring of The Principal.

The regular payables such as salary, Electricity bill, telephone bills, equipments, infrastructure, etc., were paid directly through the Management.

#### **6.4.2. What are the institutional mechanism for internal and external audit? When was the last audit done and what are the major audit objections? Provide the details on compliance.**

The last audit was done on 31.12.2014 by R.Basker & co , Chennai.

All the transaction details with the voucher were submitted to the auditor through the trust office.

No such major audit objections were raised.

#### **6.4.3. What is the major source of institutional receipt/ funding and how is the deficit managed? Provide audited income and expenditure statement of academic and administrative activities of the previous four years and the reserve fund/ corpus available with institutions, if any.**

Interest from Fixed deposits, Fees from the students and the Sale of application were the sources for the institution.

The Corpus fund available with the institution is Rs.1,48,12,002.

The audit statement of the last 9 years has been attached./ A –I

#### **6.4.4. Give details on the efforts made by the institution in securing additional funding and the utilization of the same (if any)**

Additional funds are secured by the means of loan facility and the same is utilized for developing the infra structural facilities.

## **6.5. INTERNAL QUALITY ASSURANCE SYSTEM (IQAS)**

### **6.5.1. Internal Quality Assurance cell (IQAC)**

- (a). Has the institution established an internal quality assurance cell (IQAC)? If 'yes', what is the institutional policy with regard to quality assurance and how has it contributed in institutionalizing the quality assurance processes?**

Yes, the institution has established an internal quality assurance cell in the year 2006. The institutional policy of IQAC is to maintain and to improve the academic activities and formulates the new strategies.

- (b). How many decisions of the IQAC have been approved by the management/ authorities for implementation and how many of them were actually implemented?**

The most important decisions of IQAC were implemented is to develop the research projects.

IQAC leads the betterment of library facility.

- (c). Does the IQAC have external members on its committee? If so, mention any significant contribution made by them.**

IQAC has external members on its committee. M.J.F.Ln. V.S. Thalapati., is the external expert who leads the way to provide soft skill training for staffs and personality development classes for students. Which leads to the betterment of the quality of education.

- (d). How do students and alumni contribute to the effective functioning of the IQAC**

Feedback and suggestions were taken from students.

If any new plans are implicated all the students and staffs associated with alumni and follow them strictly.

- (e). How does the IQAC communicate and engage staff from different constituents of the institution?**

IQAC members integrate all the members associated with the betterment of the plans and policies through

- Notice boards
- Circulars
- Staff meetings

- 6.5.2. Does the institution have an integrated framework for quality assurance of the academic and administrative activities? If 'yes', give the details on its operationalisation.**

Yes, the institution have integrated frame work for quality assurance of academic and administrative activities. The suggestions made by IQAC regarding the teaching learning processes and other policies were implicated for the quality assurance

- 6.5.3. Does the institution provide training to its staff for effective implementation of the quality assurance procedures? If 'yes', give details enumerating its impact.**

Yes, the institution provides the staff refreshment training.



The institution trains the staff to adopt to the needy changes for the improvement of its quality. The IQAC reviews the performance of the departments every month. Co-curricular activities are also monitored for remedial practices.

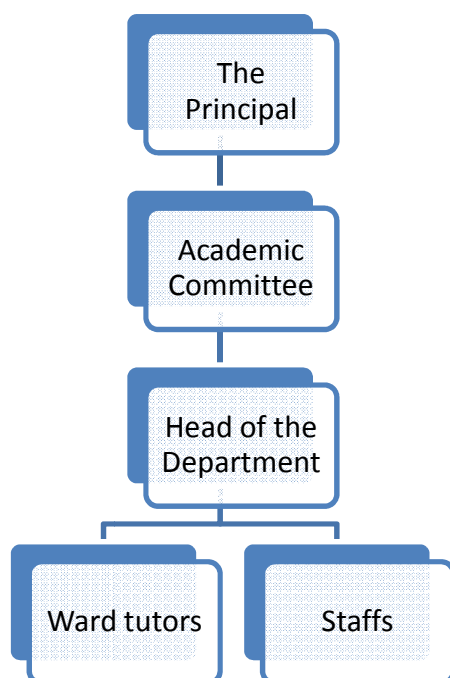
**6.5.4. Does the institution undertake academic audit or other external review of the academic provisions? If 'yes', how are the outcomes used to improve the institutional activities?**

The IQAC members along with The Principal reviews the examination results and all other academic activities. Suggestions and remedial measures were given for betterment. Whenever a new course is introduced The University officials will audit and certify the standards.

**6.5.5. How are the internal quality assurance mechanisms aligned with the requirements of the relevant external quality assurance agencies/ regulatory authorities?**

The IQAC Members monitors all the academic activities so as to attain the goal and they make the external sources available for the same.

**6.5.6. What institutional mechanisms are in place to continuously review the teaching learning process? Give details of its structure, methodologies of operations and outcome?**



To review the teaching learning process, interrelation were made between, The Principal, academic committees and H.O.Ds. The Heads of the Departments monitors the activities of the tutors and the staffs.

**OPERATIONAL METHODOLOGIES**

- Academic committee reviews the examination results.
- Confidential reports were submitted to The Principal.

**OUTCOME:**

- Library activities were computerized and counts of journals and periodicals were increased.
- Quality of teaching learning process has been improved.
- Study Materials were provided for the students.

**6.5.7. How does the institution communicate its quality assurance policies, mechanisms and outcomes to the various internal and external stakeholders?**

The institution communicates its quality assurance policies, mechanism and outcomes through circulars, notices, through staff meetings, and the external stakeholders were informed through the governing body meetings.

Principal addresses the students in the weekly assembly.

**6.6. Any Other Relevant Information**

Our Institution virtually serves for the rural and poor women folk for their empowerment. Our college has created a learning oriented climate clear and visible valuables of education.

Annexure – III (Audited Statement for past 4 Years)

# **CRITERIA - VII**

## **KEY ASPECTS**

- 7.1 Environment Consciousness**
- 7.2 Innovations**
- 7.3 Best Practices**

## CRITERION VII

### INNOVATIONS AND BEST PRACTICES

#### 7.1. Environment Consciousness

The campus is in midst green environment with natural resources. The Institution in its practices has always been eco-friendly.

##### 7.1.1. Does the Institute conduct a Green Audit of its campus and facilities?

- The students and faculty are encouraged by the NSS unit and the ECO to keep the campus green by planting more trees and making the campus plastic free zone. Though there is no formal green audit system, the entire building of the institution is designed by the architect in considering the maximum utilization of the natural resources. All the classrooms are well constructed with proper ventilation and lighting.
- The Institution believes in creating environmental awareness and promoting greenery.
- “Smoke emission test” for vehicles is being done every six months.

##### 7.1.2. What are the initiatives taken by the college to make the campus eco-friendly?

Various constructive initiatives are constantly undertaken to make the campus eco-friendly. A few of the initiatives are taken to make the campus eco-friendly are listed below:

###### Energy conservation:

- Awareness programs are very often conducted for the students with the guidance of electricity department.
- The traditional lighting systems are replaced with CFL lighting system.
- Students are motivated to switch off the fans and lights whenever there is no necessity.
- The drivers are given special training programs to save fuel and they are motivated by appreciation and honors by the management in midst of students and in turn students are also motivated to save energy.

###### Use of renewable energy:

- Biomass wastages are used for steamers in hostels for cooking.
- There is a proposal to install solar panels at roofing and street lights.

###### Water harvesting :

- We have rain water harvesting in our campus to maintain ground water table.

###### Check dam construction :

Not carried out

###### Efforts for Carbon neutrality:

- Students are encouraged to use bicycles rather than automobiles and also college provides mass transport system.
- To contribute to low carbon impact, we are using refilled cartridges.
- Burning of dry leaves, papers and bio-degradable waste are not allowed rather we bury it in a pit and using it as manure.
- “Smoke emission test” for vehicles is being carried out once in six months to monitor and reduce carbon content.

**Plantation :**

- Students are encouraged to plant more trees in and outside the college campus and the same is carried as the part of club activities.

**Hazardous waste management :**

Efforts have been taken periodically to minimize waste generation in labs

- The equipments are sterilized by means of autoclave, hot air oven and fumigation.
- Biomedical wastes are incinerated.
- Chemicals are properly diluted with 1-10% solution of bleach and the same are disposed.
- Expired chemicals are returned to the suppliers for disposal.
- Creating environmental awareness by lectures on hazardous waste management using projectors by some case studies like Hiroshima-Nagasaki nuclear bombs, Bhopal gas tragedy, Chernobyl nuclear reactor exposure and recent Fukushima daichi reactor on natural disaster.

**E-waste management :**

- The institution has taken adequate initiatives to manage E-wastes which are collected in a systematic manner and safely disposed to scrap dealers periodically.

**7.2. Innovations:**

The Institution is geared to promote an ambience of creativity innovation and improving quality.

**7.2.1. Give details of innovations introduced during the last four years which have created a positive impact on the functioning of the college.**

- Wi-Fi connection established in nodal areas to equip e-based teaching and learning.
- CCTV cameras have been fixed for monitoring as a precaution to protect and generate feeling of safety for staffs and students.
- Library is now getting access to e-resources through programme entitled “*National Library and Information Services infrastructure for Scholarly Content (N-LIST)*” funded by the Ministry of Human Resource Development under its National Mission on Education through ICT. The N-LIST project provides access to e-resources to students, researchers and faculties.
- Students are encouraged to view VYAS live channel regularly. NPTEL video classes from IIT professors are being projected to the students and are carried out as the part of creative learning methodologies and student centred approaches.
- English communication skills have been promoted in midst of students by means of English lab.
- The departments have been motivated by the management to organize National and International Conferences in the College and journals are being published by inviting papers from various participants from other colleges.
- Staffs and students are motivated to upgrade themselves with NET and SLET are being organised with the help of experts.
- Experiments beyond the syllabus are being conducted in the labs in order to give a wider exposure to the students with regard to their subject.
- As part of the student’s health consciousness, the management has installed RO drinking water facilities in the campus.

- The Napkin destroyer has been installed in the campus so as to burn and rewind the napkins.
- Most of the students are from economically backward and from rural areas. They are motivated to make use of modern technologies and all the students are given training to operate computers, create e-mail ids of their own and browse study materials via internet classes.
- Apart from their regular academic studies, the extra-curricular talents hidden in the students are being identified and the same is motivated by the management either to engage them in participating in various intercollegiate competitions and the students are also motivated to earn a living of their own with the available talents.
- “Sewage treatment plant” project has been carried out to recycle the waste water and reuse it for watering the plants in the campus.

### **7.3. Best Practices:**

#### **7.3.1. Elaborate on any two best practices as per the annexed format which have contributed to the achievement of the Institutional Objectives and-or contributed to the Quality improvement of the core activities of the college.**

##### **BEST PRACTICE: 1**

##### **Students’ Motivation and Practical exposure:**

##### **Objectives:**

- Students should be motivated to be stable in their studies and aim for best education and to secure more marks in university examination.
- To imbibe the competitive spirit among the students and make them to inspire in acquiring knowledge and to choose right career path for job.
- To impart the knowledge on practical exposure to students in upcoming technologies by conducting workshops, guest lectures and seminars by internal and external academicians /industrialists and through industrial visits.

##### **The Practice:**

Students are motivated right from their admission and in order to develop their knowledge in studies, the management appreciates those students who have secured more marks in their +2 Examinations and provides them the cash prize. They are honoured on their opening day in midst of all parents and fresher’s. The goal behind this is that students should be motivated to be stable in their studies and aim for best education. By highlighting them in front of others enables the students to show herself to be extraordinary and she will be thus inspired more and more to shine better in her studies. And also every year merit prizes are distributed to students for various categorical achievements in the presence of eminent person and university rank holders are also felicitated. It is the responsibility of the staff members to motivate them in their studies and see that they follow the teaching techniques and apart from their studies they are also motivated to participate in all other academic activities and extra-curricular activities. They are made to realize that they have the capacity to shine better by utilizing their talents. They are given all freedom to make use of the utmost facilities which are available in the campus, expose them to others, see that their language skills are monitored and enable them to carry out all that is meant best for them. Very often their parents are invited and the achievements of the students are shared with them so as make them to realize that it is even their duty to motivate the student. Eminent personalities from various reputed institutions and industries are invited to impart the practical knowledge to the students through

workshops, seminars, guest lectures, etc. The students are monitored and motivated regularly by class review committees and conduct of remedial classes whenever necessary.

**Evidence of success:**

This method has been successful and all parents have appreciated the management for such a cause and they started to feel that there is much opportunity for their daughters to excel in the education field.

The result of such motivation is that

- Every year many University Rank holders are been produced.
- Improved academic results.
- Work culture and output improve when there is monitoring.
- Increased commitment of students in learning.
- Greater involvement in acquiring knowledge.
- Greater interaction in the classes.
- The confidence of the students is thus increased due to the expertise training and measures taken by the college.

Computer students are motivated more by means of organizing workshops wherein they are create apps of their own and one such applications is Android application development. This training has created confidence in them and to realize that there are many job opportunities in front of them.

**Problems encountered:**

There has not been much problem for the management as well as for the staff in monitoring bright students and every step is taken to see that these bright students will in turn motivate other students.

**BEST PRACTICE 2:**

**EXTENSION ACTIVITIES**

**Objective of the practice:**

To promote community engagement, create awareness about the society, analyze such problems, find maximum solution and cultivate other ethics in midst of the society. Moreover steps are taken to imbibe the spirit of active involvement in the service to the community. For improvement of students in the global economy and lead a quality life in the society.

**The Context**

In Contemporary society, the students are highly ignorant about the problems of the society where they live. Therefore, it is realized that the students must be sensitized about the society and make the students to realize that these extension activities will help them to redeem certain social complexities.

**The Practice**

In addition to good academic record, the students need to develop qualities of leadership and teamwork etc. For that college provides vast opportunity to develop their leadership skills and teamwork ability and create awareness in sense of cleanliness, health and hygiene, environment and consumer awareness with the help of the respective clubs such as NSS, health and hygiene club, Eco club and Consumer club.NSS, Youth Red Cross Society, Red Ribbon Club, Leo Club functioning in the College involve the students in the activities like blood donation, campus cleaning, energy conservation, health awareness programs etc, . To create teamwork ability among students and make aware of socio-economic problems that will mould them better as future citizens. Yoga is being practiced and this practice has made many students realize about health condition and apart from getting awarded by means of certificates the students have realized that all these

practices will enable them to create awareness about art of living and guide others for better society. Another highlighting practice is that the inner talents of the students are identified and they are given opportunities to expose themselves to society with their talents and create a situation that even they can earn a livelihood with their talents. Students are made to participate in many events in various clubs and awareness is bought in them and in turn feels them to realize that it is their duty to redeem the society.

**Evidence of success:**

With their active participation in various club activities there are some students who have turned to be a better citizen in the present Competitive world. They were able to create their own livelihood by practising many activities and best examples such as yoga can be quoted. The various programmes has contributed precious things to the students and nearby villages where they carrying out their work. By having ten months practice in yoga in the college, students were able to cope up better by practising the same with other organizations and today one such candidate has been awarded as the best yoga teacher at International level. Many examples can be quoted for various such extension activities in the history of old students. The important values that students develop through extension activities are the quality of integrity, and to manage social problems. Various socio-cultural activities have greatly increased by awareness gathered from extended activities.

**Problems Encountered:**

Time constraint has been the major problem to carry these social activities in a major level.



## **DEPARTMENT WISE EVALUATION REPORT**

- 1. DEPARTMENT OF ENGLISH**
- 2. DEPARTMENT OF TAMIL**
- 3. DEPARTMENT OF COMPUTER APPLICATIONS**
- 4. DEPARTMENT OF COMMERCE**
- 5. DEPARTMENT OF BIOCHEMISTRY**
- 6. DEPARTMENT OF CHEMISTRY**
- 7. DEPARTMENT OF COMPUTER SCIENCE**
- 8. DEPARTMENT OF MATHEMATICS**
- 9. DEPARTMENT OF MICROBIOLOGY**
- 10. DEPARTMENT OF PHYSICS**

**EVALUATIVE REPORT OF  
THE DEPARTMENT OF ENGLISH LITERATURE**

1. Name of the department : **Department of English**
2. Year of Establishment : **B.A., English Literature - 2009  
M.A., English Literature - 2012**
3. Names of programme/ courses offered (UG., PG., M.Phil., Ph.D., Integrated Masters; Integrated Ph.D.,)  
: **B.A English Literature  
&  
M.A English Literature**
4. Names of interdisciplinary courses and the departments/ Units involved: **NIL**
5. Annual/ semester / choice based credit system ( programme wise ) : **CBCS-Choice Based Credit System**

6. Participation of the department in the course offered by other departments :

| Class | Subject            | Offered by the department |
|-------|--------------------|---------------------------|
| UG    | Non Major Elective | Department of Nutrition   |

7. Courses in collaboration with other Universities, industries, foreign institutions, etc. : **NIL**
8. Details of courses / programme discontinued (if any) with reasons : **NIL**
9. Number of teaching posts

|                             | Sanctioned | Filled |
|-----------------------------|------------|--------|
| <b>Professors</b>           | -          | -      |
| <b>Associate professors</b> | -          | -      |
| <b>Assistant professors</b> | 15         | 15     |

10. 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 four years |
|------------------------|-------------------------------|-----------------|---|----------------------------|---|
| Ms. K. Suguna          | M.A., M.Phil,                 | Asst.Prof & HOD | Indian writing In English, women's writing                        | 18                         | NA  |
| Mrs. L. Jagatha        | M.A., B.Ed., M.Phil,          | Asst.Prof       | Indian writing In English.  | 9                          | NA  |
| Mr. N. Kothandan       | M.A., M.Phil., B.Ed.,         | Asst.Prof       | Indian writing In English, American literature.                   | 8                          | NA  |
| Mr. A. MansoorAhamed   | M.A., M.Phil,                 | Asst.Prof       | Common wealth literature, Indian writing In English,              | 4                          | NA  |
| Mr. P. Nithyakumar     | M.A., B.Ed., M.Phil., [Ph.D]  | Asst.Prof       | American literature, African American, Indian writing In English, | 4                          | NA  |
| Mrs. V. Anandhi        | M.A., B.Ed.,                  | Asst.Prof       | Indian writing In English.  | 4                          | NA  |
| Mrs. V.Aarthi          | M.A., B.Ed.,                  | Asst.Prof       | Indian writing In English.  | 4                          | NA  |
| Mr. N.Rajagopal        | M.A., M.Ed.,                  | Asst.Prof       | American literature   | 4                          | NA  |
| Mr. K. C. SriRaman     | M.A., M.Ed.,                  | Asst.Prof       | Indian writing In English.  | 3                          | NA  |
| Mr. C. Shanmugam       | M.A., M.Ed., M.Phil., M.B.A., | Asst.Prof       | British literature  | 2                          | NA  |
| Ms S. Thara            | M.A.,                         | Asst.Prof       | Canadian literature   | 1                          | NA  |
| Ms. K. Bhakkiyalakshmi | M.A.,                         | Asst.Prof       | Commonwealth literature   | 1                          | NA  |
| Ms. Amudhashree        | M.A., M.Phil.,                | Asst.Prof       | Indian writing In English.  | 1                          | NA  |
| Ms.R.Jayappriya        | M.A.,B.Ed                     | Asst.Prof       | Indian writing In English.  | -                          | NA  |
| Ms.M.Parisha           | M.A.,                         | Asst.Prof       | Indian writing In English.  | -                          | NA  |

11. List of senior visiting faculty : **NIL**

12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty : **NIL**

13. Student-teacher ratio (programme wise) :

| <b>Course</b> | <b>Ratio</b>  |
|---------------|---------------|
| <b>UG</b>     | <b>15 : 1</b> |
| <b>PG</b>     | <b>4 : 1</b>  |

14. Number of academic support staff (technical) and administrative staff: sanctioned and filled: **Centralized Administration**

15. Qualifications of teaching faculty with D.Sc./ D.Litt/Ph.D/M.Phil/PG

| <b>No of staff members</b> | <b>PG</b> | <b>M.Phil</b> |
|----------------------------|-----------|---------------|
| 15                         | 8         | 6             |

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received : **NIL**

17. Departmental projects funded by DST-FISC; UGC, DBT, ICSSR, etc. and total grants received : **NIL**

18. Research Centre/ facility recognized by the university : **NIL**

19. Publications

| S.No | Name & Designation   | Name of the Title   | Journal Name  | ISBN/ ISSN        |
|------|--|---|---|-------------------|
| 1    | <b>Ms. SUGUNA K</b><br>Assistant professor & Head<br>of the department of<br>English | <b>A STUDY OF ECO FEMINISM IN TONI MORRISON'S NOVELS THE BLUEST EYE AND SULA</b>    | National Level Seminar On Women And Culture: The War Within And Without       | 978-81-7735-791-2 |
|      |  | <b>DIASPORA CONSCIOUSNESS IN MANJU KAPUR'S <i>THE IMMIGRANT</i></b>                 | National level seminar on Recent Trends & Themes in Indian English Literature | 97881907677-8-1   |
|      |  | <b>VOICE OF VOICELESS: AN INSIGHT INTO BAMA'S <i>KARUKKU</i></b>                    | National Level Seminar On Emerging Trends In Indian English Literature        | 938444605-x       |
|      |  | <b>PERCEPTION OF HUMAN RIGHTS &amp; SOCIAL RIGHTS IN INDIAN NOVEL IN ENGLISH</b>    | International Conference On Perspectives of Language, Literature & Theory     | 9788181242013     |
| 2    | <b>Mr. N. KOTHANDAN</b><br>Assistant professor                                       | <b>PURSUIT OF FEMALE IDENTITY IN KAMALA DAS POEMS</b>                               | National Level Seminar On Women And Culture: The War Within And Without       | 978-81-7735-791-2 |
|      |  | <b>SEARCH FOR SELF IDENTITY IN ARUN JOSHI'S <i>THE FOREIGNER</i></b>                | National level seminar on Recent Trends & Themes in Indian English Literature | 97881907677-8-1   |
|      |  | <b>CULTURAL ASSIMILATION AND IMMIGRATION IN JHUMPA LAHIRI'S <i>THE NAMESAKE</i></b> | National Level Seminar On Emerging Trends In Indian English Literature        | 938444605-x       |
|      |  | <b>MOTHERHOOD: ASN ANALYSIS OF WOMEN AND CULTURE IN FLORA NWAP'S "IDU"</b>          | International Conference On Perspectives of Language, Literature & Theory     | 9788181242013     |

|   |   |   |   |                   |
|---|---|---|---|-------------------|
| 3 | Mr. P. NITHYAKUMAR<br>Assistant professor   | <b>THE OPPRESSION OF WOMEN IN THE GOD OF SMALL THINGS</b>                                       | National Level Seminar On Women And Culture: The War Within And Without       | 978-81-7735-791-2 |
|   |   | <b>PORTRAYAL OF INDIAN MIDDLE CLASS WOMEN IN MANJU KAPURS NOVELS: ASPIRATIONS AND REALITIES</b> | National level seminar on Recent Trends & Themes in Indian English Literature | 97881907677-8-1   |
|   |   | <b>THE CONCEPT - OPPRESSION OF UNTOUCHABLES IN ROHINTON MISTRY'S <i>A FINE BALANCE</i></b>      | National Level Seminar On Emerging Trends In Indian English Literature        | 938444605-x       |
|   |   | <b>SUFFERINGS OF BLACK WOMEN IN TONI MORRISON'S THE BLUEST EYE &amp; THE BELOVED</b>            | International Conference On Perspectives of Language, Literature & Theory     | 9788181242013     |
| 4 | Mr. A.MANSOOR AHAMED<br>Assistant professor | <b>PORTRAYAL OF WOMEN IN CHINUA ACHEBE'S THINGS FALL APART</b>                                  | National Level Seminar On Women And Culture: The War Within And Without       | 978-81-7735-791-2 |
|   |   | <b>DIASPORIC CONSCIOUSNESS IN THE WRITINGS OF ROHINTON MISTRY</b>                               | National level seminar on Recent Trends & Themes in Indian English Literature | 97881907677-8-1   |
|   |   | <b>SILENCE SPEAKS: AN INSIGHT INTO MULK RAJ ANAND'S <i>UNTOUCHABLE</i></b>                      | National Level Seminar On Emerging Trends In Indian English Literature        | 938444605-x       |
|   |   | <b>CULTURAL SCHIZOPHRENIA AND SCIENCE FICTION IN KURT VONNEGUT'S SLAUGHTER HOUSE FIVE</b>       | International Conference On Perspectives of Language, Literature & Theory     | 9788181242013     |

|   |  |   |   |                   |
|---|--|---|---|-------------------|
| 5 | <b>Smt. L. JAGATHA</b><br>Assistant professor        | <b>THE PORTRAYAL OF FEMALE CONSCIOUSNESS IN WUTHERING HEIGHTS</b>                       | National Level Seminar On Women And Culture: The War Within And Without       | 978-81-7735-791-2 |
|   |  | <b>THE PICARESQUE ELEMENTS IN THE GUIDE</b>   | National level seminar on Recent Trends & Themes in Indian English Literature | 97881907677-8-1   |
|   |  | <b>POSTCOLONIAL IDENTITY IN NOVELS OF V.SNAIPAUL</b>                                    | National Level Seminar On Emerging Trends In Indian English Literature        | 938444605-x       |
|   |  | <b>J.M.SYNGE'S THE WELL OF THE SAINTS, FROM IGNORANCE TO KNOWLEDGE: A STUDY</b>         | International Conference On Perspectives of Language, Literature & Theory     | 9788181242013     |
| 6 | <b>Smt. V. AARTHI</b><br>Assistant professor         | <b>IMAGE OF WOMAN IN ARUN JOSHI'S <i>THE STRANGE CASE OF BILLY BISWAS</i></b>           | National level seminar on Recent Trends & Themes in Indian English Literature | 97881907677-8-1   |
|   |  | <b>SIGN OF DEATH IN J.M.SYNGE'S POETRY</b>  | International Conference On Perspectives of Language, Literature & Theory     | 9788181242013     |
| 7 | <b>Smt. V. ANANTHI</b><br>Assistant professor        | <b>PORTRAYAL OF WOMEN IN THE NOVELS OF RUTH PRAWER JHABVALA</b>                         | National level seminar on Recent Trends & Themes in Indian English Literature | 97881907677-8-1   |
|   |  | <b>SHIV K KUMAR'S A RIVER WITH THREE BANKS: REVISITING PARTITION</b>                    | International Conference On Perspectives of Language, Literature & Theory     | 9788181242013     |
| 8 | <b>Ms. R. BHAKKIYALAKSHMI</b><br>Assistant professor | <b>THE EXISTENTIALISM IN THE WOMEN CHARACTERS OF ANITA DESAI'S FIRE ON THE MOUNTAIN</b> | National level seminar on Recent Trends & Themes in Indian English Literature | 97881907677-8-1   |
|   |  | <b>QUEST FOR SELF IDENTITY IN RUSKIN BOND'S <i>VAGRANTS IN THE VALLEY</i></b>           | National Level Seminar On Emerging Trends In Indian English Literature        | 938444605-x       |

|     |  |   |   |               |
|-----|--|---|---|---------------|
|     |  | <b>MATERIALISTIC ASPECTS IN CHETAN BHAGAT'S REVOLUTION 2020</b>                                 | International Conference On Perspectives of Language, Literature & Theory | 9788181242013 |
| 9   | <b>Mrs. R. Amuthashree</b><br>Assistant professor, | <b>CULTURAL IDENTITY IN JHUMPA LAHIRI'S <i>THE NAMESAKE</i></b>                                 | Emerging Trends In Indian English Literature                              | 938444605-x   |
| 10. | <b>Mr.N.Rajagopal</b><br>Assistant professor,      | <b>WILLIAM SHAKESPEARE THE SOUL OF AGE- HE WAS NOT OF AN AGE BUT FOR ALL AGES</b>               | International Conference On Perspectives of Language, Literature & Theory | 9788181242013 |
| 11. | <b>Mr.C.Shanmugam</b><br>Assistant professor,      | <b>NIGHTINGALE IN ENGLISH LITERATURE</b>  | International Conference On Perspectives of Language, Literature & Theory | 9788181242013 |
| 12. | <b>Mr.K.C.Sriraman</b><br>Assistant professor,     | <b>IMPORTANCE OF ENGLISH</b>  | International Conference On Perspectives of Language, Literature & Theory | 9788181242013 |
| 13. | <b>Ms.V.Saranya</b><br>Assistant professor,        | <b>LOSS OF IDENTITY IN GIRISH KARNAD'S BROKEN IMAGE</b>   | International Conference On Perspectives of Language, Literature & Theory | 9788181242013 |
| 14. | <b>Ms.R.Jayappriya</b><br>Assistant professor,     | <b>THE MEANINGLESS RATIONAL THINKING OF THE HUMANLIFE IN ALBERT CAMUS'S <i>THE STRANGER</i></b> | International Conference On Perspectives of Language, Literature & Theory | 9788181242013 |
| 15. | <b>Ms.M. Parisha</b><br>Assistant professor,       | <b>INFELECITY OF ETHIOPIANS IN BENEATH THE LION'S GAZE BY MAAZE MENGISTE</b>                    | International Conference On Perspectives of Language, Literature & Theory | 9788181242013 |



20. Areas of consultancy and income generated : **NIL**

21. Faculty as members in :**NIL**

- a) National Committees
- b) International Committees
- c) Editorial Boards.....

22. Student projects

- a) Percentage of students who have done in-house projects including inter departmental/ programme
- b) Percentage of students placed for projects in organizations outside the institution i.e.in Research Laboratories/ Industry/ Other agencies

23. Awards/ Recognitions received by faculty and students

| S.No | Name                                   | Award and year                          | Organizing agency                    |
|------|--|---|--------------------------------------|
| 01   | B. AISHWARYA KAMALI<br>Reg.No. 1012689 | University<br>7 <sup>th</sup> Rank 2014 | Thiruvalluvar<br>university,vellore. |

24. List of eminent academicians and scientists/ visitors to the department

| S.no | Year | Name                     | Designation  |
|------|------|--------------------------|--|
| 1    | 2013 | Dr. S. Karthik Kumar     | Assistant. Professor, Annamalai University, Chidambaram. |
| 2    | 2014 | P. Sitharthan            | Assistant. Professor, presidency college, Chennai.       |
| 3    | 2015 | Dr. K. Rajaraman         | Professor, Annamalai University, Chidambaram.            |
| 4    | 2015 | Dr. B.Kathiresan         | Associate Professor, thiruvalluvar university, vellore.  |
| 5    | 2015 | Dr. A.Mohammed Ali Jinna | Associate Professor, Jamal Mohammad College, Trichy.     |

25. Seminars/ Conferences/ Workshops organized and the source of funding

- a) National
- b) International

## SEMINARS

| S.no | Date       | Title   | Resource person   | No.of participants |
|------|------------|---|---|--------------------|
| 1    | 16.11.2011 | Seminar On Value Based Education                                      | Mr. M. Sreenivasan M.A., M.Litt., prof of English, shriSapthagiri Institute of Technology, Ocheri, Vellore Dist | 150                |
| 2    | 08.02.2013 | Seminar On Enhancing Communications Skills With Literary Appreciation | Dr. S. Karthik Kumar M.A., M.Phil., Ph.D Assistant. professor, Annamalai University, Chidambaram.               | 225                |
| 3    | 28.02.2014 | Seminar On Film Review  | P. Sitharthan Assistant. professor, presidency college, Chennai.  | 235                |

**(Funded by Management)**

### NATIONAL LEVEL SEMINAR

| S.No | Date                           | Title  | Resource person   | No.of participants |
|------|--------------------------------|--|---|--------------------|
| 1    | 27.01.2015<br>Day I session I  | Recent Trends And Themes In Indian English Literature 2015 | Dr. K. Rajaraman Professor, Annamalai University, Chidambaram.                                    | 300                |
| 2    | Day I session II               |  | Dr. B. Kathiresan Associate professor, Thiruvalluvar university, vellore.                         | 300                |
| 3    | 28.01.2015<br>Day II session I | Recent Trends And Themes In Indian English Literature 2015 | Dr. S. Karthik Kumar M.A., M.Phil., Ph.D Assistant. professor, Annamalai University, Chidambaram. | 280                |
| 4    | Day II session II              |  | Dr. A.Mohammed Ali Jinna Associate professor, Jamal Mohammad College, Trichy.                     | 280                |

(Funded by Management)

**INTERNATIONAL CONFERENCE**

| S.no | Date                              | Title  | Resource person  | No.of participants |
|------|-----------------------------------|--|--|--------------------|
| 1    | 25.09.2015<br>Day I session<br>I  | PERSPECTIVES ON<br>LANGUAGE,<br>LITERATURE AND<br>THEORY | Dr. Thirunavukkarasu<br>karunakaran University of<br>Jaffna, Srilanka.                                     | 363                |
| 2    | Day I session<br>II               |  | Dr. K.Rajaraman professor,<br>Annamalai university.  | 363                |
| 3    | 26.09.2015<br>Day II<br>session I | PERSPECTIVES ON<br>LANGUAGE,<br>LITERATURE AND<br>THEORY | Dr. S. Karthik Kumar M.A.,<br>M.Phil., Ph.D Assistant.<br>professor, Annamalai<br>University, Chidambaram. | 390                |
| 4    | Day II<br>session II              |  | Dr. A.Mohammed Ali Jinna<br>Associate professor, Jamal<br>Mohammad College,<br>Trichy.                     | 390                |

26. Student profile programme/ course wise :

| Name of the course/<br>programme (refer<br>question no.4) | year      | Application<br>Received | Selected | Enrolled |    | Pass<br>percentage |
|---|-----------|-------------------------|----------|----------|----|--------------------|
|   |           |                         |          | *M       | *F |                    |
| B.A English Lit   | 2011-2014 | 83                      | 77       | Nil      | 77 | 92%                |
|   | 2012-2015 | 83                      | 77       | Nil      | 77 | 94.3%              |
| M.A English Lit   | 2012-2014 | 15                      | 8        | Nil      | 8  | 100%               |
|   | 2013-2015 | 25                      | 20       | NIL      | 20 | 90%                |

\*M = Male \*F = Female

27. Diversity of the students

| Name of the course          | Year        | % of students<br>from the same<br>state | % of students<br>from the other<br>states | % of<br>students<br>from<br>abroad |
|-----------------------------|-------------|---|---|------------------------------------|
| B.A., English<br>Literature | 2011 – 2014 | 100                                     | Nil                                       | Nil                                |
|                             | 2012 - 2015 | 100                                     | Nil                                       | Nil                                |

|                          |             |     |     |     |
|--------------------------|-------------|-----|-----|-----|
| M.A., English Literature | 2012 – 2014 | 100 | Nil | Nil |
|                          | 2013 - 2015 | 100 | Nil | Nil |

28. How many students cleared national and state, competitive examinations such as NET, SLET, GATE, Civil services, etc.? – **NIL**

29. Student progression

| Student progression  | Against % enrolled |
|----------------------|--------------------|
| UG to PG             | 50 %               |
| PG to M.Phil         | Nil                |
| PG to Ph.D           | Nil                |
| Ph.D to Postdoctoral | Nil                |

|                                   |      |
|-----------------------------------|------|
| Employed                          |      |
| Campus selection                  |      |
| Other than campus recruitment     | >40% |
| Entrepreneurship/ self-employment | >10% |

30. Details of Infrastructure facilities

a) Library

- ❖ Our college is provided with general library with good collection of books. It has been updated with current journals and magazines.

b) Internet facilities for Staff and Students

- ❖ Internet facilities available for students and Staff inside the campus

c) Classrooms with ICT facility – **Available**

d) Language Laboratory Facility– **Available**

31. Number of students receiving financial assistance from college, university, government or Other Agencies

| Financial Assistance | No. of Students |
|----------------------|-----------------|
| SC/ ST Scholarship   | 29              |
| Minority scholarship |                 |
| Other Agencies       |                 |

32. Details on student enrichment programme (special lectures/ workshops/ seminar) with experts.

- All the under graduate students of our department undergone Personality Development classes by the panel of resource persons organized in our college campus frequently in collaboration with ASSET

- Special lectures were given to our Post Graduate students to motivate their interest to write NET, SLET Examinations.
- National level seminar conducted by our department to enrich and update the knowledge of our students.

### 33. Teaching methods adopted to improve student learning

- Regular lecturers
- Special coaching for slow learners
- PowerPoint presentations
- Internal Class Seminars & Discussion
- Continuous internal assessment test
- Brainstorming
- Role play
- Individual presentation
- Group discussion

### 34. Participation in Institutional Social Responsibility (ISR) and Extension activities

Students of our department showed their social responsibility by actively participating in the National Service Scheme, Youth Red Cross, Red Ribbon Club, Consumer Club and take part in Rally for energy conservation, awareness pertaining to Voting, Cleanliness, and awareness of Dengue Fever etc.

### 35. SWOC analysis of the department and Future Plans

#### **STRENGTH**

- Empowering rural women folk In literary appreciation
- Well qualified staff members
- Very good library which consists vast books
- Students get exposure to various opportunities and higher studies

#### **WEAKNESS**

- All the students are coming from rural areas and they are not interested to pursue higher education
- Dropouts due to poor economy
- Most of the parents are illiterate and not able to take care of their children's education
- Parents do not make periodical visits to know the improvements or defects of their children's

#### **OPPORTUNITIES**

- Students are encouraged to write competitive examinations such as TNPSC, TANCET
- Students are motivated to take part in national and state level seminars
- Students are allowed to participate in inter college competitions

#### **CHALLENGES**

- Laboratory

## EVALUATIVE REPORT OF THE DEPARTMENTS

### DEPARTMENT OF TAMIL

1. Name of the Department : Tamil
2. Year of Establishment : 2003
3. Names of Programmes/Courses offered(UG) : B.A.Tamil
4. Names of Interdisciplinary courses and the department /units involved: : Nil
5. Annual / Semester / Choice based credit system (programme wise) : UG(CBCS)
6. Participation of the department in the courses offered by other departments : Nil
7. Courses in collaboration with other universities, industries, foreign institutions, etc : Nil
8. Details of courses / programmes discontinued (if any) with reasons : B.A.Tamil
9. Number of Teaching posts

|                      | Sanctioned | Filled |
|----------------------|------------|--------|
| Professors           | -          | -      |
| Associate Professors | -          | -      |
| Asst. Professors     | 9          | 9      |

10. Faculty profile with name, qualification, designation, specialization, (D.Sc. / D.Litt./Ph.D./M.Phil. etc.,)

| S. No | Name                   | Qualification                   | Designation            | Specialization    | No. of Years of Experience | No. of Ph.D Students Guided For the last 4 Years |
|-------|------------------------|---------------------------------|------------------------|-------------------|----------------------------|--|
| 1     | Mrs.M. Gnanamalar      | M.A.,M.Phil.,NET.,              | Head & Asst. Professor | Bakthi Literature | 11                         | NA   |
| 2     | Mrs.E. Kalaivani       | M.A.,M.Phil.,NET., SET., B.Ed., | Asst.Professor         | Bakthi Literature | 8                          | NA   |
| 3     | Mrs.K.Varalakshmi      | M.A.,M.Phil.,                   | Asst.Professor         | Sangam Literature | 8                          | NA   |
| 4     | Mrs.C. Krishnakumari   | M.A.,M.Phil.,                   | Asst.Professor         | Bakthi Literature | 6                          | NA   |
| 5     | Mrs.S.P.Nirmaladevi    | M.A.,M.Phil.,NET., SET.,        | Asst.Professor         | Modern Literature | 6                          | NA   |
| 6     | Mrs.E.Ezhilarasi       | M.A.,M.Phil.,NET.,              | Asst.Professor         | Modern Literature | 5                          | NA   |
| 7     | Ms.Dr.T.Soundralakshmi | M.A.,M.Phil., Ph.D.,            | Asst.Professor         | Sangam Literature | 4                          | NA   |
| 8     | Ms.Dr.T. Vennila       | M.A.,M.Phil.,Ph.D.,             | Asst.Professor         | Sangam Literature | 3                          | NA   |
| 9     | Ms.M. Ananthi          | M.A.,M.Phil.,NET.,              | Asst.Professor         | Sangam Literature | 3                          | NA   |

11. List of senior visiting faculty : Nil
12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty : Nil
13. Student-Teacher Ratio (programme wise) : 75:1
14. Number of academic support staff (technical) and administrative staff, sanctioned and filled : Nil
15. Qualifications of teaching faculty with DSc / D.Litt / Ph.D / Mphil / PG: No. of the Staff : 9

| <b>Total No. of Staff</b> | <b>M.Phil.,</b> | <b>Ph.D</b> |
|---------------------------|-----------------|-------------|
| 9                         | 7               | 2           |

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received : Nil
17. Departmental projects funded by DST –FIST; UGC, DBT, ICSSR, etc. and total grants received : Nil
18. Research Centre / facility recognized by the University : Nil
19. Publications:

| <b>Name</b>  | <b>Title of the “Article</b>                                  | <b>Paper Presented</b> | <b>ISBN NO.</b>           |
|--|---|------------------------|---------------------------|
| <b>Mrs.M. Gnanamalar</b><br>(Head & Asst. Professor) | “Penmathimalaiyum Penputhimalaiyum”                           | Inter National Seminar | 978-81-923186-1-5         |
| <b>Mrs.E. Kalaivani</b><br>Asst. Professor           | “Kalitriyanai Niraiyil Baranar kurippidum varaltru seithigal” | Inter National Seminar | 978-81-910216-7-7         |
|  | “Silambil samaya sinthanaigal”                                | Inter National Seminar | 978-81-909464-7-6         |
|  | “Kodikaviyil saiva sidhantham”                                | Inter National Seminar | 978-81-923186-1-5         |
|  | “Saiva Sidhantham onarthum Thani Manitha Aram”                | National Seminar       | 978-81-7735-829-2         |
| <b>Mrs.K. Varalakshmi</b><br>Asst. Professor         | “ kabilar Padalgalil Vazhviyal Vizhumiyangal”                 | Inter National Seminar | 978-81-923186-0-8         |
|  | Valluvam Onarthum Virunthombal Panbu”                         | National Seminar       | 978-81-923186-1-5         |
| <b>Mrs.C. Krishnakumari</b><br>Asst. Professor       | “Perumbanatrappadaiyil Viruthombalin Manboo”                  | Inter National Seminar | 978-81-923186-0-8         |
|  | “ Thirukkorail En Vagai Meipadugal”                           | Inter National Seminar | 978 – 81 – 928616 – 8 - 5 |
| <b>Mrs.S.P.Nirmaladevi</b><br>Asst. Professor        | “ Thirukuralil Makkat Peeru”                                  | National Seminar       | 978-81-923186-1-5         |
| <b>Mrs.E.Ezhilarasi</b><br>Asst. Professor           | “ Thirukuralil Illaram”                                       | Inter National Seminar | 978-81-923186-1-5         |
| <b>Dr.T.Soundralakshmi</b><br>Asst. Professor        | “Agananootriyil Kuriyeetu Padimam”                            | Inter National Seminar | 978-81-910216-7-7         |
|  | “ Korunthogai Neithal Thinai Padalgalil Kuriyittu Padimam”    | Inter National Seminar | 978-93-8528-302-4         |
|  | “ Thirumularin Thirumandira Malaiyil Bhakthi Vazhiyil Aram”   | National Seminar       | 978-81-7735-829-4         |



|   |   |                        |                    |
|---|---|------------------------|--------------------|
| <b>Dr.T.Soundralakshmi</b><br>Asst. Professor | “ Thiruvalluvar Oonarthum Perumaigal”   | National Seminar       | 978-93-85283-30-7  |
|   | “ S. Tamilselvi ‘Geethari’ Puthinaththil Ovamaigal”                             | National Seminar       | 978-81-930633-0-09 |
|   | Sanga Ilakkiyathil Padimamum Thodar rukatchigalm                                | Journal                | 2321– 984X         |
|   | S. Tamilselvi ‘Geethari’ Puthinaththil Pengalin Sinthanaigal                    | Inter National Seminar |                    |
|   | Thagaval Thodarbu Sathanam Mozhi Peyarppu Vazhi Nalithazhgal                    | Inter National Seminar | 0973 – 0303        |
| <b>Dr.T. Vennila</b><br>Asst. Professor       | “Eiravu”  | International Seminar  | 978-81-925708-2-2  |
|   | “ Thiruthakka devarin Ovamai Vayilaga Onarthum Arakaruthukkal”                  | National Seminar       |                    |
|   | “ Thirukkuralil Thani Manitha Aram”   |                        | 978-81-7735-829-2  |
| <b>Ms.M. Ananthi</b><br>Asst. Professor       | “Eathisai sellinum athisai soray yenum Polavar, Kalignar, Poravalar Oravunilai” | National Seminar       | 978-93-81992-45-6  |
|   | “Vallalarin Thani Manitha Aram”   | National Seminar       | 978-81-923186-1-5  |

- 20.Areas of consultancy and income generated : Nil
- 21.Faculty as members in a) National Committees b) International Committees  
c) Editorial Boards.. : Nil
- 22.Students Projects : Nil
- 23.Awards / Recognitions received by faculty and students :

#### Awards received by faculty

| Name  | Date       | Award                    | Organisation                                  |
|---|------------|--------------------------|---|
| M. Gnanamalar<br>E. Kalaivani<br>C. Krishnakumari | 23.10.2014 | Tamil Chemmal<br>Viruthu | Sri Kanchi Kamakodi<br>Peedam<br>Kancheepuram |

#### Awards received by students

##### RANK HOLDERS

| S.NO | NAME WITH REGISTER NO       | AWARDS & YEAR   | ORGANISING AGENCY        |
|------|-----------------------------|---|--------------------------|
| 1    | K.Rajeswari<br>2422629      | University rank Holder<br>2 <sup>nd</sup> Rank - 2006 | Thiruvalluvar University |
| 2    | A.Sathya<br>2422631         | University rank Holder<br>6 <sup>th</sup> Rank - 2006 | Thiruvalluvar University |
| 3    | R.Vijayalakshmi<br>24222636 | University rank Holder<br>7 <sup>th</sup> Rank - 2006 | Thiruvalluvar University |
| 4    | N.Dhanalakshmi<br>2422620   | University rank Holder<br>9 <sup>th</sup> Rank - 2006 | Thiruvalluvar University |
| 5    | S.Rajalakshmi<br>2722773    | University rank Holder<br>2 <sup>nd</sup> Rank - 2009 | Thiruvalluvar University |
| 6    | R.Dhanabakkiam<br>2722761   | University rank Holder<br>3 <sup>rd</sup> Rank - 2009 | Thiruvalluvar University |
| 7    | K. Bhuvaneswari<br>2722760  | University rank Holder<br>7 <sup>th</sup> Rank – 2009 | Thiruvalluvar University |
| 8    | T. Samundeeswari<br>2874168 | University rank Holder<br>2 <sup>nd</sup> Rank – 2011 | Thiruvalluvar University |
| 9    | A.Soniya<br>2874171         | University rank Holder<br>4 <sup>th</sup> Rank – 2011 | Thiruvalluvar University |
| 10   | S. Amudha<br>2874149        | University rank Holder<br>6 <sup>th</sup> Rank – 2011 | Thiruvalluvar University |
| 11   | R. Rajeswari<br>2874162     | University rank Holder<br>8 <sup>th</sup> Rank – 2011 | Thiruvalluvar University |
| 12   | S. Sivaranjani<br>2874170   | University rank Holder<br>9 <sup>th</sup> Rank – 2011 | Thiruvalluvar University |
| 13   | D. Mano<br>2976440          | University rank Holder<br>2 <sup>nd</sup> Rank – 2012 | Thiruvalluvar University |
| 14   | P. Prabavathi<br>2976445    | University rank Holder<br>7 <sup>th</sup> Rank – 2012 | Thiruvalluvar University |
| 15   | S. Lavanya                  | University rank Holder                                | Thiruvalluvar University |

|    |                            |   |                          |
|----|----------------------------|---|--------------------------|
|    | 1017834                    | 1 <sup>st</sup> Rank – 2013                           |                          |
| 16 | P. Parvathi<br>1017838     | University rank Holder<br>5 <sup>th</sup> Rank – 2013 | Thiruvalluvar University |
| 17 | V. Sharmila<br>U1110101648 | University rank Holder<br>1 <sup>st</sup> Rank – 2014 | Thiruvalluvar University |
| 18 | P. Kavitha<br>U1110101639  | University rank Holder<br>5 <sup>th</sup> Rank – 2012 | Thiruvalluvar University |

24.List of eminent academicians and scientists/visitors to the department

| S .No. | YEAR        | NAME                     | DESIGNATION   |
|--------|-------------|--------------------------|---|
| 1      | 2006 -2007  | Mr.M. Uthrabhathi        | Professor of Tamil, Arignar Anna Govt. Arts College, Cheyyar.   |
| 2      | 2007 -2008  | Nil                      | Nil   |
| 3      | 2008 - 2009 | Mr. Dr. Neela. Madhavan  | Asst. Professor, Dept. of Tamil,Sri Sankara Arts & Science College, Kancheepuram.                                 |
| 4      | 2009 - 2010 | Ms.R. Santhi             | Asst. Professor,<br>Dept. of Tamil,<br>Sri Akilandeswari Women's College, Wandiwash.                              |
| 5      | 2010 – 2011 | Mr.Dr. S. Arivudainambi  | Professor ,<br>Dept. of Tamil,Subramaniya Bharathiyar University, Pondichery.                                     |
| 6      | 2011 - 2012 | Mr. Dr. Neela. Madhavan, | Asst. Professor,<br>Dept. of Tamil,<br>Sri Sankara Arts & Science College, Kancheepuram.                          |
| 7      | 2012 -2013  | Mr. Dr. Neela. Madhavan, | Mr. Dr. Neela. Madhavan, Asst. Professor,<br>Dept. of Tamil,<br>Sri Sankara Arts & Science College, Kancheepuram. |
| 8      | 2013 -2014  | Mr. K. Venkatesan        | Asst. Professor,<br>Dept. of Tamil<br>Arignar Anna Govt. Arts College Cheyyar                                     |
| 9      | 2014 - 2015 | Mrs.Dr. M. Nalini        | Asst. Professor, Dept. of Tamil<br>S.I.V.E.T. College<br>Gowrivakkam, Chennai.                                    |

25.Seminars/ Conferences/Workshops organized & the source of funding : Seminars are organized with the fund by the Management

| S. No. | Date       | Title   | Resource Person     | No. of Participants |
|--------|------------|---|---------------------|---------------------|
| 1      | 15.12.2006 | " Kalanthorum Ilakkiyathil Pengal"              | Mr.M.Uthrabhathi    | 100                 |
| 2      | 13.10.2008 | Hindu Thiru Koyilgalum Vazhibhattu Muraigalum   | Dr.Neela. Madhavan  | 150                 |
| 3      | 29.01.2011 | Seviyal Ilakkiyangalil Panpadu                  | Dr.S.Arivudainambi  | 150                 |
| 4      | 15.11.2012 | Pengal Nattin Kangal                            | Dr.Neela.Madhavan   | 170                 |
| 5      | 23.01.2013 | Sindanaimalai                                   | Dr. Neela.Madhavan, | 175                 |
| 6      | 23.01.2014 | Kambha Ramayana Oodaga Vali Petra Gnana Paarvai | Mr.K.Venkatesan     | 200                 |
| 7      | 21.01.2015 | Pandai Tamizharin Pulaneri Vazhakkam            | Dr.M.Nalini         | 200                 |

26.Student profile programme/course wise

| Year        | Applications Received | Selected | Enrolled |    | Pass Percentage |
|-------------|-----------------------|----------|----------|----|-----------------|
|             |                       |          | M        | F  |                 |
| 2006-2009   | 30                    | 30       | -        | 26 | 100%            |
| 2007-2010   | 29                    | 28       | -        | 27 | 100%            |
| 2008-2011   | 28                    | 28       | -        | 27 | 100%            |
| 2009-2012   | 18                    | 16       | -        | 14 | 100%            |
| 2010-2013   | 29                    | 29       | -        | 26 | 100%            |
| 2011 – 2014 | 35                    | 30       | -        | 25 | 100%            |
| 2012-2015   | 32                    | 31       | -        | 24 | 100%            |

27.Diversity of Students

| Name of the Course | Academic Year | % of students from the same state | % of students from other States | % of students from abroad |
|--------------------|---------------|-----------------------------------|---------------------------------|---------------------------|
| B.A., Tamil        | 2006 – 2007   | 100%                              | -                               | -                         |
|                    | 2007 – 2008   | 100%                              | -                               | -                         |
|                    | 2008 – 2009   | 100%                              | -                               | -                         |
|                    | 2009 – 2010   | 100%                              | -                               | -                         |
|                    | 2010 – 2011   | 100%                              | -                               | -                         |
|                    | 2011 – 2012   | 100%                              | -                               | -                         |
|                    | 2012 – 2013   | 100%                              | -                               | -                         |
|                    | 2013 – 2014   | 100%                              | -                               | -                         |
|                    | 2014 – 2015   | 100%                              | -                               | -                         |

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil Services, Defense services, etc.? : Nil

29.Student Progression

| Student Progression            | Against % enrolled |             |             |             |             |             |             |             |             |
|--------------------------------|--------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
|                                | 2006 - 2007        | 2007 – 2008 | 2008 – 2009 | 2009 – 2010 | 2010 – 2011 | 2011 – 2012 | 2012 – 2013 | 2013 – 2014 | 2014 - 2015 |
| UG to PG                       | 15.3%              | 7.4%        | 50%         | 11%         | 30%         | 21.4%       | 27%         | ---         | ---         |
| PG to M.Phil.                  | ---                | 4%          | 19.2%       | ---         | 11%         | ---         | ---         | ---         | ---         |
| PG to Ph.D                     | ---                | ---         | 4%          | ---         | ---         | ---         | ---         | ---         | ---         |
| Ph.D. to Post<br>-<br>Doctoral | ---                | ---         |             | ---         | ---         | ---         | ---         | ---         | ---         |
| <b>Employed</b>                | ---                | ---         | ---         | ---         | ---         | ---         | ---         | ---         | ---         |
| Campus selection               |                    |             |             |             |             |             |             |             |             |
| Other than recruitment         | 4%                 | 11%         | 36%         | 8%          | 15%         | 36%         | 8%          | 4%          | 8%          |

30.Details of Infrastructural facilities'

- a) Library –Books & Journals available
- b) Internet Facilities for Staff & Students Provided

31.Number of students receiving financial assistance from college, university, government or other agencies.

Students belonging to SC/ST , Former and Minority are receiving scholarships from Government.

| Sl. No. | Academic Year | SC / ST | MBC | BC  | Minority | Uzhavar | Others |
|---------|---------------|---------|-----|-----|----------|---------|--------|
| 1.      | 2006-2007     | 38      | 18  | 11  | ---      | ---     | ---    |
| 2.      | 2007-2008     | 18      | 13  | 14  | ---      | ---     | ---    |
| 3.      | 2008-2009     | 8       | 10  | 11  | ---      | ---     | ---    |
| 4.      | 2009-2010     | 9       | 5   | --- | ---      | 30      | ---    |
| 5.      | 2010-2011     | ---     | --- | --- | ---      | 38      | ---    |
| 6.      | 2011 – 2012   | 6       | --- | --- | ---      | ---     | ---    |
| 7.      | 2012-2013     | 4       | --- | --- | ---      | ---     | ---    |
| 8.      | 2013-2014     | 5       | --- | --- | ---      | ---     | ---    |

32.Details on student enrichment programmes(special lectures/workshops/seminar) with external experts.

- Students enrichment programmes such as personality development classes were conducted, in which various aspects such as development of self – confidence, Communication skills, management of time were concerned.
- Student can earn extra credits by doing certificate Courses

33.Teaching methods adopted to improve student learning

- ✓ Conducting Periodical Test
- ✓ Group discussion

34.Participated in Institutional Social Responsibility(ISR) and Extension

activities Students participate in RRC, YRC, NSS, LEO,CONSUMER CLUB and Yoga Program.

35.SWOC analysis of the department and Future plan.

**Strength :**

- Enhanced Infrastructure
- Interested rural students to learn and flourish
- Good Qualify of Faculty
- Effective Teaching, Learning Process
- We have Rank Holders in every year
- Library facilities
- Co – Curricular and Extracurricular Activities

**Weakness :**

- Minimum Students strength

**Opportunity:**

- Employability of the Students
- Organizing National Seminar

**Challenges:**

- To empower rural students
- Coping with the demands of global competition, with their background
- In Tamil Literature and Tamil Tradition.

**Future Plans:**

- To start an UG and PG Degree in Tamil
- To improve the Extra Curricular Activities.

## EVALUATIVE REPORT OF THE DEPARTMENTS

1. Name of the department: **Bachelor of Computer Applications**
2. Year of establishment: **1999 – 2000** academic year with two sections (evening college).
3. Names of programs /course offered: **Under Graduate course.**
4. Names of interdisciplinary courses and the departments/units involved: **Nil.**
5. Annual/semester/choice based credit system(program wise):**UG – choice based credit system.**
6. Participation of the department in courses offered by other departments:

| S.No | SUBJECTS                 | COURSE                        |
|------|--------------------------|-------------------------------|
| 1    | NME(non major elective)  | B.Sc., Mathematics            |
| 2    | NME(non major elective)  | B.Sc., Physics                |
| 3    | SBS(Skill based subject) | B.Sc., Biochemistry           |
| 4    | Major Paper              | B.Com., Computer Applications |

7. Courses in collaboration with other universities, industries, foreign institutions etc: **Nil.**

8. Details of courses/programs discontinued (if any) with reasons: **Nil.**

9. Number of teaching post:

| DESIGNATION           | SANCTIONED | FILLED |
|-----------------------|------------|--------|
| Professors            | Nil        | Nil    |
| Associated Professors | Nil        | Nil    |
| Asst. Professors      | 8          | 9      |

10. Faculty profile with name, qualification, designation, specialization, (D.sc., /D.lit., /Ph.d., /M.phil., etc.,)

| S.No | NAME          | QUALIFICATIONS   | DESIGNATION     | EXPERIENCE       |
|------|---------------|------------------|-----------------|------------------|
| 1    | N.Ramya       | M.C.A., M.Phil., | Asst. Professor | 4 years 6 months |
| 2    | S.Sathiyakala | M.C.A., M.Phil., | Asst. Professor | 3 years 6 months |
| 3    | N.Malarvizhi  | M.C.A., B.Ed.,   | Asst. Professor | 1 year 7 months  |
| 4    | M.Sumitha     | M.C.A.,          | Asst. Professor | 8 months         |
| 5    | S.Divya       | M.C.A., M.Phil., | Asst. Professor | 1 year 6 months  |
| 6    | V.Chitra      | M.C.A., M.Phil   | Asst.Professor  | 7 years          |
| 7    | M.Shankari    | M.C.A., M.Phil   | Asst.Professor  | 1 year 5 months  |
| 8    | G.Suganya     | M.C.A.,          | Asst.Professor  | 2 months         |



11. List of senior visiting faculty : **Nil.**
12. Percentage of lectures delivered and practical classes handled(program wise) by temporary faculty : **Nil.**
13. Student – teacher ratio(program wise) : **2015 – 2016 40:1 [321 by 8]**
14. Number of academic support staff(technical) and administrative staff sanctioned and filled:

| S.NO | DESIGNATION    | SACIONED | FILLED |
|------|----------------|----------|--------|
| 1    | Lab Assistants | 1        | 1      |

15. Qualification of teaching faculty with D. Sc./D. Litt., /Ph. D./ M. Phil./PG:

PG Qualified : **3**

M.Phil., Qualified : **5**

16. Number of faculty with ongoing projects from

a) National : **Nil.**

b) International funding agencies and grants received : **Nil.**

17. Departmental projects funded by DST – FIST; UGC, DBT, ICSSR, etc and total grants received : **Nil.**

18. Research centre/facility recognized by the university : **Nil.**

19. Publications:

| S.No | Staff Name & Designation                 | Title of journal  | Name of the journal volume issue & year   | ISBN No.                           |
|------|--|---|---|------------------------------------|
| 1    | N.Ramya Ilayavan.<br>Assistant Professor | 1.Open Component-Oriented Multimedia Middleware for Adaptive Distributed Application.                               | Proceedings of the national conference in 2015.   | 9788181241986                      |
| 2    | S.Sathiyakala<br>Assistant Professor     | 1.Efficient Search In Unstructured Peer To Peer Network Using Dynamic Search Algorithm.                             | Proceedings of the national conference in 2015.   | 9788181241986                      |
| 3    | N.Malarvizhi.<br>Assistant Professor.    | 1.A Quantitative Analysis Of Current Security Concerns And Solution For a Cloud Computing.                          |   | 9788181241986                      |
| 4    | M.Sumitha.<br>Assistant Professor.       | 1.High Energy Consumption In Wireless Sensor Networks Reduced Using Data Aggregation Tree Approach.                 | Proceedings of the national conference I 2015.  | 9788181241986                      |
| 5    | S.Divya.<br>Assistant Professor.         | 1.A secure Implementation Authentication Based On Elliptic Curve Cryptography.                                      | Proceedings of the national conference in 2015.   | 9788181241986                      |
| 6    | M.Shankari.<br>Assistant Professor.      | 1. Refuge Data Storage In Cloud Computing.<br>2. Competent storage of data using de-duplication in cloud computing. | Proceedings of the national conference in 2015.<br><br>International journal for innovative research in science and technology.Volume – 1 issue 7 | 9788181241986<br><br>IJIRSTV1I7102 |
| 7    | V.Chitra.<br>Assistant Professor.        | 1.Maximize the Network Security From Clone Attacks In Wireless Sensor Network Using Red Protocol.                   | Proceedings of the national conference in 2015.   | 9788181241986                      |

International Paper:

|   |                                    |  |   |               |
|---|------------------------------------|--|---|---------------|
| 1 | M.Shankari.<br>Assistant Professor | Competent storage of data using de-duplication in cloud computing. | International journal for innovative research in science and technology. Volume – 1 issue 7 | IJIRSTV1I7102 |
|---|------------------------------------|--|---|---------------|

20. Areas of consultancy and income generated : Nil.

21. Faculty as members in

a) National comities : Nil.

b) International comities : Nil.

c) Editorial boards : Nil.

22. Student projects:

a) Percentage of students who have done in-house projects including inter departmental/program:

a) Percentage of students placed for projects in organizations outside the institution i.e. in research laboratories/industries/other agencies : Nil.

23. Awards/recognitions received by faculty and students:

i) The following students have received university ranks in the examinations conducted by thiruvalluvar university.

| S.NO | YEAR        | NAME                     | ORAGANIZING AGENCY       |
|------|-------------|--------------------------|--------------------------|
| 1    | 2008 - 2011 | R.Famitha<br>2877486     | Thiruvalluvar University |
| 2    | 2009 - 2012 | A.Sabiya<br>2980003      | Thiruvalluvar University |
| 3    | 2009 - 2012 | S.Sujitha<br>2980017     | Thiruvalluvar University |
| 4    | 2010 - 2013 | G.Suganya<br>1021156     | Thiruvalluvar University |
| 5    | 2011 - 2014 | G.Shameem<br>U1121502080 | Thiruvalluvar University |

24. List of eminent academicians and scientists/visitors to the department:

| Academic Year | Person   | Institution               |
|---------------|--|---------------------------|
| 2013 – 2014   | 1)R.Gnanam Ragupathi B.E.,<br>M.B.A., Android Application<br>developer | HCL Technologies Ltd      |
| 2014 – 2015   | 1) Mr. T. Dhanabal<br>M.C.A.,(Ph.D.)<br>Senior Software Developer      | TATA Consultancy Services |
|               | 2)Mr. G. Sabareesh M.C.A.,<br>Web Admin                                | KCG Infotech Pvt Ltd      |
| 2014 – 2015   | 1)Mr.Regnish Vishwakarma   | Technophilia Systems.     |
|               | 2)Mr.Bankaj  | U.S.A                     |

25. Seminars/conferences/workshops organized and the source of funding:

| S.NO | YEAR      | TITLE   | RESOURCE PERSON & DESIGNATION   |
|------|-----------|---|---|
| 1    | 2006-2007 | i)Data Mining & Ware Housing.                     | Mr.T.Velmurugan<br>M.Sc.,M.Phil.,PGDCA.,B.Ed.,<br>Professor,<br>Department of Computer Science,<br>D.G.Vaishana College,Chennai |
|      |           | ii)BlueTooth Technology.                          | Mr.Jothish M.sc.,<br>Trainer,<br>Indicom Software & servicec.Thiruvanmiyur,<br>Chennai.   |
| 2    | 2007-2008 | Features Of Tackling IT Field                     | Wintek Technology<br>Nokia,SEZ,Sriprumpudur,Chennai.  |
|      |           | Computer Operating and Programming                | Leading IT Academic Computer Education,Tindivanam   |
|      |           | How To Face The Interview With Resume Preparation | Mr.R.Krishnaraj, ICFAI,<br>National College, Kancheepuram   |
| 3    | 2008-2009 | Web Mining  | Mr.L.Rajesh,M.C.A.,M.Phil.,M.B.A.,<br>Assistant Professor,<br>Sri Sankara Arts & Science College,<br>Kancheepuram.              |
| 4    | 2009-2010 | Information Security                              | Ms.Jecinth Salome,<br>Assistant Professor,<br>Department of computer Science,<br>AAA College, Kallakurichi.                     |
| 5    | 2010-2011 | Hardware Maintenance And Networking               | Mr.Russell Prem Raj Benjamin,<br>Assistant Professor,<br>Department of Computer Science,<br>Voorhees College, Vellore           |
|      |           | Personality Development                           | Mr.R.Tamizhselvan M.B.A.,<br>Senoir Sales Manger,<br>Maridian Telecom Ltd,<br>Purasaiykkam,Chennai                              |
| 6    | 2011-2012 | Nanotechnology                                    | Mr.M.Sureshkumar,<br>Assistant Professor,<br>Savitha University,<br>Chennai.  |
|      |           |   | Mr.Deepak B.E.,<br>Assistant professor,<br>Department Of ECE, Savitha<br>University,Chennai.                                    |

|   |           |                                    |  |
|---|-----------|------------------------------------|--|
| 7 | 2012-2013 | Information Security               | Mr.V.M.Shenbaraman M.B.A.,Ph.d.,<br>Assistant Professor,<br>School Of Management Studies,<br>SRM University,<br>Chennai. |
|   |           | Personality Development            | Mr.P.Saravanan M.B.A.,<br>Assistant Professor,<br>School Of Management Studies,<br>SRM University,<br>Chennai.           |
| 8 | 2013-2014 | Android and Google Web<br>Tool Kit | R.Gnanam Ragupathi B.E.,M.B.A.,<br>Android Application Developer,<br>HCL Technologies Ltd                                |
| 9 | 2014-2015 | Recent Trend In Web<br>technology  | Mr.T.Dhanabal M.C.A.,(Ph.d.,)<br>Senior Software Developer,<br>HCL Technologies Ltd                                      |
|   |           |                                    | Mr.G.Sabareesh M.C.A.,<br>Admin,<br>Infotech private Ltd,  |

a) National

| S. NO | YEAR                                       | TITLE   | RESOURCE PERSON  |
|-------|--|---|--|
| 1     | 2014 - 2015                                | Digital Image Processing<br>Using Matlab.   | 1.Dr. A.R.Mohamedshnavas<br>Associate Professor,<br>Department of Computer Science,<br>Jamal Mohamed College,<br>Trichy.                     |
|       |  | Solving Combinatorial<br>Problems Through<br>Search   | 2.Dr. M.Nandhini MCA., M.Phil.,Ph.D.,<br>Assistant Professor<br>Department of Computer Science,<br>Pondicherry University,<br>Puducherry-14. |
|       | 2014 0 2015                                | Population based Meta<br>Heuristics Methods<br>& Their Applications   | 1.Dr. M.Nandhini MCA., M.Phil.,Ph.D.,<br>Assistant Professor<br>Department of Computer Science,<br>Pondicherry University,<br>Puducherry-14. |
|       | Fundamental of Digital<br>Image Processing | 2. Dr. G.T. Shrivakshan<br>Head, Research and Postgraduate<br>Department of Computer Science<br>Swami vivekanada Arts and Science College,<br>Orathur,Villupuram. |  |

b) International- Nil

26. Student profile program/course wise:

| Academic Year | Name of the course/program | Applications received | Selected | Enrolled | Pass percentage |
|---------------|----------------------------|-----------------------|----------|----------|-----------------|
|               |                            |                       |          | F        |                 |
| 2006-2007     | B.C.A                      | 65                    | 50       | 50       | 94              |
| 2007-2008     | B.C.A                      | 67                    | 50       | 50       | 90              |
| 2008-2009     | B.C.A                      | 98                    | 98       | 98       | 88              |
| 2009-2010     | B.C.A                      | 98                    | 95       | 95       | 92              |
| 2010-2011     | B.C.A                      | 70                    | 68       | 68       | 85              |
| 2011-2012     | B.C.A                      | 103                   | 99       | 99       | 90              |
| 2012-2013     | B.C.A                      | 111                   | 110      | 110      | 83              |
| 2013 -2014    | B.C.A                      | 119                   | 109      | 110      |                 |
| 2014 - 2015   | B.C.A                      | 117                   | 110      | 110      |                 |

27. Diversity of students:

| Academic year | Name of the course | % of students from the same state | % of students from other states | % of students from abroad |
|---------------|--------------------|-----------------------------------|---------------------------------|---------------------------|
| 2006-2007     | B.C.A              | 100%                              | Nil                             | Nil                       |
| 2007-2008     | B.C.A              | 100%                              | Nil                             | Nil                       |
| 2008-2009     | B.C.A              | 100%                              | Nil                             | Nil                       |
| 2009-2010     | B.C.A              | 100%                              | Nil                             | Nil                       |
| 2010-2011     | B.C.A              | 99%                               | 1%                              | Nil                       |
| 2011-2012     | B.C.A              | 100%                              | Nil                             | Nil                       |
| 2012-2013     | B.C.A              | 100%                              | Nil                             | Nil                       |
| 2013-2014     | B.C.A              | 100%                              | Nil                             | Nil                       |
| 2014-2015     | B.C.A              | 100%                              | Nil                             | Nil                       |

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil Services, Defense Services, etc.,: **Nil**.

29. Students progression:

| STUDENT PROGRESSION  | AGAINST % ENROLLED |            |            |           |            |           |            |            |           |
|--|--------------------|------------|------------|-----------|------------|-----------|------------|------------|-----------|
|  | 2006-2007          | 2007-2008  | 2008-2009  | 2009-2010 | 2010-2011  | 2011-2012 | 2012-2013  | 2013-2014  | 2014-2015 |
| UG TO PG   | 65%                | 29%        | 26%        | 43%       | 48%        | 25%       | 39%        | 36%        | 30%       |
| PG TO M.Phil.,   | 10%                | 8%         | 4%         | 6%        | 4%         | Nil       | Nil        | Nil        | 3%        |
| PG TO Ph.D.,   | Nil                | Nil        | Nil        | Nil       | Nil        | Nil       | Nil        | Nil        | Nil       |
| Ph.D., TO POST-DOCTORAL  | Nil                | Nil        | Nil        | Nil       | Nil        | Nil       | Nil        | Nil        | Nil       |
| Employed<br>i) Campus selection<br>ii) Other than campus recruitment | Nil<br>8%          | Nil<br>11% | Nil<br>10% | Nil<br>6% | Nil<br>11% | 8%<br>2%  | Nil<br>Nil | Nil<br>15% | 12%<br>6% |
| Entrepreneurship/Self-employment                                     |                    |            |            |           |            |           |            | 8%         | 5%        |

### 30. Details of infra structural facilities

- Library:** Department Library is available with Books, Magazines and journals are available
- Internet** facilities for staff and students are provided.
- Class rooms with **LCD** facility available.
- Laboratory which consist of **50 systems** of each **1GB RAM** capacity. A **Printer** with **scanning** facility and **LCD Projector** are included.

### 31. Number of students receiving financial assistance from college, university, government or other agencies:

| S. NO | ACADEMIC YEAR | SC /ST | MBC | BC | MINORITY | OTHERS |
|-------|---------------|--------|-----|----|----------|--------|
| 1     | 2006-2007     | 6      | 11  | 32 |          |        |
| 2     | 2007-2008     | 10     | 20  | 41 |          |        |
| 3     | 2008-2009     | 4      | 17  | 30 |          |        |
| 4     | 2009-2010     | 8      |     |    |          | 65     |
| 5     | 2010-2011     | 16     |     |    |          | 82     |
| 6     | 2011-2012     | 14     |     |    |          |        |
| 7     | 2012-2013     | 25     |     |    |          | 1      |
| 8     | 2013-2014     | 30     |     |    |          | 1      |
| 9     | 2014-2015     |        |     |    |          | 1      |

### 32. Details on student enrichment programs (special lectures/workshops/seminar) with external experts:

i) **Workshop:** During 2014 - 2015

| TITLE   | PERSON                                  | INSTITUTION                    |
|---------|---|--------------------------------|
| Android | 1)Mr.Regnish Vishwakarma<br>2)Mr.Bankaj | Technophilia Systems.<br>U.S.A |

33. Teaching methods adopted to improve student learning:

- i) The students are given **assignments** and **assessment tests** periodically before they write the University exams.
- ii) Based on pass percentage **encouraging** students and **counseled** for better performance.
- iii) Collecting **feedback** from the students to find difficulty on the subjects and teaching method of faculties.
- iv) Demonstration using Virtual Lab, NPTEL mutual lectures are available.

34. Participation in institutional social responsibility (isr) and extension activities:

35. **SWOC:**

**STRENGTH:**

- i) Well equipped computer lab with **50 systems**.
- ii) The department assisting the eligible students for **right placement** in the job.
- iii) In addition to traditional method of teaching, we are making use of **internet** and **power presentation**, use of **LCD** projectors.
- iv) Encouraging the students by to present the **seminars** in classroom on the topics related to curriculum.

**WEAKNESS:**

- i) Majority of the students are from the **rural back ground** belonging to the **weaker** sections of the society, very **poor communications skills** and **low performance** in the exams.
- ii) Students are mostly **first generation learners** getting little motivation from the parents or the society.

**OPPORTUNITIES:**

- i) **Growing software industries** is a good opportunity for our students.
- ii) Development of **IT enabled services** provides job opportunity for our students.
- iii) Academic avenues such as **Inter Departmental** and **Inter Collegiate** programs provide opportunities for academic presentation also gives room for challenging the high achievers.

**CHALLENGES:**

- i) Students are motivated to develop their **soft skills**.
- ii) Ensuring **100%** pass percentage.

**FUTURE PLANS:**

- i) To foster quality education and **high moral** standards.
- ii) To conduct workshops and **National level seminar**.
- iii) To develop the **skills** of students for better employment prospects.



## EVALUATIVE REPORT OF THE DEPARTMENT

1. Name of the department : **Commerce**
2. Year of Establishment :

| <b>Courses</b>                      | <b>Year of Establishment</b> |
|-------------------------------------|------------------------------|
| <b>B.Com.,</b>                      | <b>2000</b>                  |
| <b>M.Com.,</b>                      | <b>2003</b>                  |
| <b>M.Phil., (Commerce)</b>          | <b>2011</b>                  |
| <b>B.Com (Computer Application)</b> | <b>2013</b>                  |

3. Names of programmes :

| <b>S.No</b> | <b>Course</b>                       |
|-------------|-------------------------------------|
| <b>1</b>    | <b>B.Com (General)</b>              |
| <b>2</b>    | <b>M.Com (General)</b>              |
| <b>3</b>    | <b>M.Phil., Commerce</b>            |
| <b>4</b>    | <b>B.Com (Computer Application)</b> |

4. Names of interdisciplinary courses and the departments/units involved : **NIL**
5. Annual/semester/choice based credit system. (programme wise)

| <b>S.No</b> | <b>Courses</b>                | <b>System</b> |
|-------------|-------------------------------|---------------|
| 1           | B.Com., General               | CBCS          |
| 2           | M.Com., General               | CBCS          |
| 3           | M.Phil., Commerce             | CBCS          |
| 4           | B.Com., Computer Applications | CBCS          |

6. Participation of the department in the courses offered by other departments.

| <b>Course</b> | <b>Department</b> | <b>Subject</b>                       |
|---------------|-------------------|--------------------------------------|
| <b>B.C.A</b>  | <b>B.C.A</b>      | <b>Allied – Financial Accounting</b> |

7. Courses in collaboration with other universities, industries, foreign institutions etc. **NIL**
8. Details of courses / programmes discontinued (if any) with reasons. **NIL**

9. Number of teaching posts

|                             | Sanctioned | Filed     |
|-----------------------------|------------|-----------|
| <b>Professors</b>           | -          | -         |
| <b>Associate Professors</b> | -          | -         |
| <b>Assistant Professors</b> | <b>11</b>  | <b>11</b> |

10. 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 |
|----------------|----------------------------|---------------------|---------------------------|---------------------------|---|
| J.TAMILSELVI   | M.Com.,M.Phil., B.Ed.      | Assistant Professor | Human Resource Management | 5 years                   | N/A   |
| K.VARALAKSHMI  | M.Com.,M.Phil., B.Ed.      | Assistant Professor | Marketing                 | 2 years                   | N/A   |
| D.SARANYA      | M.Com., M.Phil.            | Assistant Professor | Marketing                 | 2 years                   | N/A   |
| G.SUBBULAKSHMI | M.Com., Ph.D               | Assistant Professor | Marketing                 | 1 year                    | N/A   |
| K.DIVYA        | M.Com.,M.Phil.             | Assistant Professor | Marketing                 | 2 years                   | N/A   |
| N.LAKSHMI      | M.Com.,M.Phil., B.Ed.      | Assistant Professor | Finance                   | 4 years                   | N/A   |
| R.THENMOZHI    | M.Com., M.Phil             | Assistant Professor | Marketing                 | 1 year                    | N/A   |
| P. MANJULA     | M.A., M.Phil., B.Ed (SLET) | Assistant Professor | Economics                 | 5 years                   | N/A   |
| G.TAMIZH SELVI | M.A.,M.Phil., Ph.D         | Assistant Professor | Economics                 | 6 Months                  | N/A   |

11. List of senior visiting faculty **NIL**

12. Percentage of lectures delivered and practical classes handled (Programme wise) by temporary faculty. **NIL**

13. Student-Teacher Ratio (Programme wise)

|                                     |             |
|-------------------------------------|-------------|
| <b>B.Com.,</b>                      | <b>40:1</b> |
| <b>M.Com.,</b>                      | <b>20:1</b> |
| <b>M.Phil.,</b>                     | <b>6:1</b>  |
| <b>B.Com (Computer Application)</b> | <b>40:1</b> |

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled. : Centralized Administration

15. Qualifications of teaching faculty with Dsc/D.Lit/Ph.D/M.Phil/P.G

| <b>Qualifications</b> | <b>No of Faculty</b> |
|-----------------------|----------------------|
| M.Phil                | 7                    |
| Ph.D                  | 2                    |

16. Number of faculty with ongoing projects from

|                                     |            |
|-------------------------------------|------------|
| <b>National</b>                     | <b>NIL</b> |
| <b>International funds</b>          |            |
| <b>Agencies and grants received</b> |            |

17. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received. **NIL**

18. Research centre / facility recognized by the university. **NIL**

19. Publications:

| S. No | Name & Designation                  | Name of the Title   | Journal Name  | ISBN/ISSN                                  |
|-------|-------------------------------------|---|---|--|
| 1     | Mrs.J.Tamilselvi,<br>Asst.Professor | Role of NGOs in Women Empowerment<br><br>Awareness and Attitudes of The Consumers in Buying Organic Fruits and Vegetables. National Seminar | International Journal.www.ijifr.com.<br>Vol:02, Mar – 2015. | ISSN: 2347-1697<br><br>ISBN: 9788181242006 |
| 2     | Mrs.K.Varalakshmi<br>Asst.Professor | Effect of Eatables Purchased From Street Vendor   | National Conference   | ISBN: 9788181242006                        |
| 3     | Ms.D.Saranya<br>Asst.Professor      | Recent Trends in Commerce.  | National Conference   | ISBN: 9788181242006                        |
| 4     | Ms.G.Subbulakshmi<br>Asst.Professor | Awareness and Attitudes of Food Safety Knowledge and Practices: Its Impact on Practical execution of Food Safety                            | www.theinternationaljournal.org. RJEBS:                     | ISSN:2251-1555                             |
|       |                                     | Identification of edibility of leftover food and its impact on food safety.   | International journal.org.RJCBS: Vol: 02, Nov- 01,-2012.    | ISSN: 2251-1547                            |
|       |                                     | To Compare Income, Expenditure and Savings Position of The Male and Female Migrants   | . National Seminar  | ISSN: 2251-1547                            |

|   |                                 |   |                     |                     |
|---|---------------------------------|---|---------------------|---------------------|
| 5 | K.Dhivya<br>Asst.Professor      | An Analysis of Developing Technological Trends In E-Commerce.   | National Conference | ISBN: 9788181242006 |
| 6 | N.Lakshmi<br>Asst.Professor     | Awareness And Attitudes of Consumers in Food Adulteration.  | National Conference | ISBN: 9788181242006 |
| 7 | P.Thenmozhi<br>Asst.Professor   | Imparting Knowledge in The Field of Commerce and Industry.  | National Conference | ISBN: 9788181242006 |
| 8 | P.Manjula<br>Asst.Professor     | Importance of Organic Fruits and Vegetables to the Consumers.   | National Conference | ISBN: 9788181242006 |
| 9 | G.Tamizhselvi<br>Asst.Professor | Socio-Economic Conditions of The Both Male and Female Migrant Workers with Special Reference To Cuddalore District. | National Conference | ISBN: 9788181242006 |

20. Area of consultancy and income generated.

**Conducted Com fair and College Bazaar**

| <b>Year</b>           | <b>2006</b> | <b>2007</b> | <b>2008</b> | <b>2014</b> | <b>2015</b> |
|-----------------------|-------------|-------------|-------------|-------------|-------------|
| <b>Com fair</b>       | 100000      | 120000      | 150000      | -           | -           |
| <b>College Bazaar</b> | -           | -           | -           | 180000      | 250000      |
| <b>Total</b>          | 100000      | 120000      | 150000      | 180000      | 250000      |

21. Faculty as members in

|                                 |            |
|---------------------------------|------------|
| <b>National Committees</b>      | <b>NIL</b> |
| <b>International Committees</b> |            |
| <b>Editorial Board</b>          |            |

22. Student's projects.

**M.Phil students have done their research projects**

| <b>Year</b> | <b>Out House Project</b> |
|-------------|--------------------------|
| 2011-12     | 100 %                    |
| 2012-13     | 100 %                    |
| 2013-14     | 100 %                    |
| 2014-15     | 100 %                    |

23. Awards/Recognitions received by faculty and students.

| <b>S.No</b> | <b>Name &amp; Register Number</b> | <b>Award &amp; Year</b>              | <b>Organising Agency</b>          |
|-------------|-----------------------------------|--------------------------------------|-----------------------------------|
| 1           | G.Saranya<br>2950667              | University 6 <sup>th</sup> Rank 2011 | Thiruvalluvar University ,Vellore |

24. List of eminent academicians and scientists / visitors to the department

| <b>Year</b> | <b>Resource person</b>                                | <b>Designation</b>  |
|-------------|---|---|
| 2006-2007   | Dr.k.sivaloganathan                                   | Associate Professor in Commerce, Principal, Arulperumjothi Arts And Science College, Puducherry.  |
| 2007-2008   | Dr.J.Srinivasan                                       | Assistant Professor in Commerce, Arignar Anna Govt. Arts and Science College, Cheyyar.  |
| 2008-2009   | Dr.Thiru.G.P.Raman<br><br>Major.Dr.(Tmt)<br>K.Malathi | Reader & Head, PG Department of Commerce & Research Presidency College, Chennai.<br><br>Reader & Head, of Economics, Arignar Anna Govt.Arts College for Women, Walajapet, Vellore (Dist). |
| 2009-2010   | Thiru.S.Aravanan,                                     | Selection Grade lecturer in Commerce, Department of Commerce, Puducherry University, Puducherry.  |
| 2010-2011   | Dr.J.Srinivasan                                       | Assistant Professor in Commerce, Arignar Anna Govt. Arts and Science College, Cheyyar. Academic council member, Thiruvalluvar University, Vellore   |
| 2011-2012   | Mr. S.Sreedaran.                                      | Associate Professor in Commerce, Muthurangam Govt. Arts College (Autonomous) Vellore – 632 002.   |
| 2012-2013   | Dr.<br>T.M.Swaminathan.                               | Assistant Professor in Commerce, Pachiyappa's College for men, Kanchipuram 631-501  |
| 2013-2014   | Dr.Mohanraj,  | Assistant Professor, Director, Department of management studies, Adhiparsakthi college of engineering, Kalavai  |
| 2014-2015   | Dr.J.Srinivasan                                       | Associate Professor in Commerce, Muthurangam Govt. Arts College (Autonomous) Vellore – 632 002.   |
| 2015-2016   | Dr.N.Kesavan  | Asst.Professor, Department of Commerce, Annamalai University, Asst.Professor,   |
|             | Dr.M.Marimuthu  | PG&Research Department of Commerce, Jamal Mohamed College, Trichy.  |
|             | Dr.J.Srinivasan                                       | Associate Professor in Commerce, Muthurangam Govt. Arts College (Autonomous) Vellore.   |

## 25. Seminar / Conferences / Workshops organized &amp; the source of funding

| S. No | Year with Date | Title of the seminar   | Resource person & Designation  | No .of Students Participated |
|-------|----------------|--|--|------------------------------|
| 1     | 5/12/06        | Development of Stock Exchange  | Dr.K.Sivaloganathan<br>Associate Professor<br>Department of Commerce,<br>Principal, Arulperumjothi<br>Arts And Science College,<br>Puducherry  | 181                          |
| 2     | 7/12//08       | Recent Trends in Commerce  | Dr.J.Srinivasan<br>Assistant Professor<br>Department of Commerce,<br>Arignar Anna Govt. Arts and<br>Science College, Cheyyar.<br>Academic council member,<br>Thiruvalluvar<br>University, Vellore  | 183                          |
| 3     | 29/9/08        | Human Resource Practices and Strategies in service sector<br><br>Entrepreneurship and Economic Development | Dr.Thiru.G.P.Raman<br>Reader & Head,<br>PG Department of Commerce<br>&Research Presidency<br>College, Chennai.<br><br>Major.Dr.(Tmt) K.Malathi<br>Reader & Head,<br>Department of Economics,<br>Arignar Anna Govt.Arts<br>College for Women,<br>Walajapet, Vellore (Dist). | 196                          |
| 4     | 13/3/10        | Basics of Stock Market Investment  | Thiru.S.Aravanan,<br>Selection Grade lecturer<br>Department of Commerce,<br>Department of Commerce,<br>Puducherry University,<br>Puducherry  | 221                          |
| 5     | 4/02/11        | Soft Skill   | Dr.J.Srinivasan<br>Assistant Professor<br>Department of Commerce,<br>Arignar Anna Govt. Arts and<br>Science College, Cheyyar.  | 222                          |



|   |          |                                    |  |     |
|---|----------|------------------------------------|--|-----|
|   |          |                                    | Academic council member,<br>Thiruvalluvar<br>University, Vellore   |     |
| 6 | 29/10/11 | Women Entrepreneurship             | Mr. S.Sreedaran.<br>Associate Professor<br>Department of Commerce,<br>Muthurangam Govt. Arts<br>College (Autonomous)<br>Vellore – 632 002. | 245 |
| 7 | 5/02/11  | Recent trends in capital<br>market | Dr. T.M.Swaminathan.<br>Assistant Professor<br>Department of Commerce,<br>Pachiyappa's College for<br>men, Kanchipuram 631-501             | 265 |
| 8 | 10/2/14  | Financial Education                | P.Manisankar<br>Assistant Professor<br>Department of management<br>studies, Adhiparsakthi college<br>of engineering, Kalavai               | 274 |
| 9 | 7/02/15  | Personality Development            | Department of Commerce,<br>Muthurangam Govt. Arts<br>College (Autonomous)<br>Vellore – 632 002.  | 270 |

**NATIONAL SEMINAR**

| S.No | Year<br>/Session         | Title of the seminar                           | Resource Person<br>with Designation              | No.of<br>Students<br>Participated |
|------|--------------------------|--|--|-----------------------------------|
| 1    | 14/09/2015<br>SessionI   | Recent Trends in Research<br>Methodology       | Dr.N.Kesavan<br>Asst.Prof Of<br>Commerce,        | 500                               |
|      | 14/09/2015<br>SessionII  | Recent Trends in Finance<br>Inclusion In India | Dr.M.Marimuthu<br>Asst.Prof of<br>Commerce,      | 500                               |
|      | 15/09/2015<br>SessionIII | Recent Trends in HRM                           | Dr.J.Srinivasan<br>Associate Prof Of<br>Commerce | 500                               |

26. Students profile / course wise

| Academic year | Name of the Course/programme<br>(refer question no. 4) | Applications received | Selected | Enrolled |    | Pass percentage |
|---------------|--|-----------------------|----------|----------|----|-----------------|
|               |  |                       |          | *M       | *F |                 |
| 2006 – 2009   | B.Com  | 45                    | 43       | Nil      | 43 | 88              |
| 2006– 2008    | M.Com  | 07                    | 06       | Nil      | 06 | 67              |
| 2007 – 2010   | B.Com  | 72                    | 70       | Nil      | 70 | 98              |
| 2007 – 2009   | M.Com  | 13                    | 12       | Nil      | 12 | 50              |
| 2008 – 2011   | B.Com  | 70                    | 69       | Nil      | 69 | 95              |
| 2008 – 2010   | M.Com  | 06                    | 05       | Nil      | 05 | 100             |
| 2009-2012     | B.Com  | 77                    | 76       | Nil      | 76 | 95              |
| 2009 - 2011   | M.Com  | 08                    | 07       | Nil      | 07 | 100             |
| 2010 - 2013   | B.Com  | 76                    | 75       | Nil      | 75 | 99              |
| 2010 -2012    | M.Com  | 19                    | 18       | Nil      | 18 | 88              |
| 2011 - 2014   | B.Com  | 78                    | 77       | Nil      | 77 | 96              |
| 2011 -2013    | M.Com  | 20                    | 19       | Nil      | 19 | 71              |
| 2011- 2012    | M.Phil   | 06                    | 04       | Nil      | 04 | 50              |
| 2012 - 2015   | B.Com  | 78                    | 76       | Nil      | 76 | 98              |
| 2012 -2014    | M.Com  | 28                    | 27       | Nil      | 27 | 96              |
| 2012 -2013    | M.Phil   | 10                    | 09       | Nil      | 09 | 100             |
| 2013 -2016    | B.Com  | 78                    | 77       | Nil      | 77 | 76              |
| 2013 -2015    | M.Com  | 15                    | 13       | Nil      | 13 | 100             |
| 2013 -2014    | M.Phil   | 06                    | 05       | Nil      | 05 | 100             |
| 2014 -2017    | B.Com  | 77                    | 76       | Nil      | 76 | 63              |
| 2014 -2016    | M.Com  | 18                    | 17       | Nil      | 17 | 94              |
| 2014 -2015    | M.Phil   | 07                    | 06       | Nil      | 06 | 100             |

27. Diversity of students.

| Academic year | Name of the Course/programme | % of students from the same state | % of students from the other state | % of students from abroad |
|---------------|------------------------------|-----------------------------------|------------------------------------|---------------------------|
| 2006 – 2009   | B.Com                        | 100%                              | Nil                                | Nil                       |
| 2006– 2008    | M.Com                        | 100%                              | Nil                                | Nil                       |
| 2007 – 20010  | B.Com                        | 100%                              | Nil                                | Nil                       |

|             |        |      |     |     |
|-------------|--------|------|-----|-----|
| 2007 – 2009 | M.Com  | 100% | Nil | Nil |
| 2008 – 2011 | B.Com  | 100% | Nil | Nil |
| 2008 – 2010 | M.Com  | 100% | Nil | Nil |
| 2009-2012   | B.Com  | 100% | Nil | Nil |
| 2009 - 2011 | M.Com  | 100% | Nil | Nil |
| 2010 - 2013 | B.Com  | 100% | Nil | Nil |
| 2010 -2012  | M.Com  | 100% | Nil | Nil |
| 2011 - 2014 | B.Com  | 100% | Nil | Nil |
| 2011 -2013  | M.Com  | 100% | Nil | Nil |
| 2011- 2012  | M.Phil | 100% | Nil | Nil |
| 2012 - 2015 | B.Com  | 100% | Nil | Nil |
| 2012 -2014  | M.Com  | 100% | Nil | Nil |
| 2012 -2013  | M.Phil | 100% | Nil | Nil |
| 2013 -2016  | B.Com  | 100% | Nil | Nil |
| 2013 -2015  | M.Com  | 100% | Nil | Nil |
| 2013 -2014  | M.Phil | 100% | Nil | Nil |
| 2014 -2017  | B.Com  | 100% | Nil | Nil |
| 2014 -2016  | M.Com  | 100% | Nil | Nil |
| 2014 -2015  | M.Phil | 100% | Nil | Nil |

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, CIVIL services, Defense services, etc.? **NIL**

29. Students Progression

| Year    | U.G to P.G | P.G to M.Phil | P.G to Ph.D | P.G to Post Doctoral |
|---------|------------|---------------|-------------|----------------------|
| 2006-07 | 35%        | 35%           | -           | -                    |
| 2007-08 | 10%        | 20%           | -           | -                    |
| 2008-09 | 20%        | 20%           | -           | -                    |
| 2009-10 | 23%        | 50%           | -           | -                    |
| 2010-11 | 50%        | 40%           | -           | -                    |
| 2011-12 | 48%        | 50%           | -           | -                    |
| 2012-13 | 40%        | 16.67%        | -           | -                    |

|         |     |     |   |   |
|---------|-----|-----|---|---|
| 2013-14 | 35% | 20% | - | - |
| 2014-15 | 35% | -   | - | - |

|                                  |      |
|----------------------------------|------|
| <b>Employed:</b>                 | 10%  |
| Campus Selection                 | 50%  |
| Other than Campus recruitment    |      |
| Entrepreneur / Self - employment | 10 % |

30. Details of infrastructural facilities

|  |  |
|--|--|
| Library                                  | General library : Department Library:<br>NIL |
| Internet facilities for staff & students | Central Computer Centre                      |
| Class rooms with ICT facility            | Available                                    |
| Laboratories                             | Computer lab Available                       |

31. Number of students receiving financial assistance from college, university, government or other agencies. **BC, MBC, SC, ST students get the State Govt scholarship every year on merit basis.**

| S. No | Academic Year | SC/ST Scholarship | BC Scholarship | M.BC Scholarship | Minority Scholarship | Uzhavar | Other Agencies |
|-------|---------------|-------------------|----------------|------------------|----------------------|---------|----------------|
| 1     | 2006-2007     | 34                | 43             | 26               |                      |         |                |
| 2     | 2007-2008     | 28                | 47             | 42               |                      |         |                |
| 3     | 2008-2009     | 05                | 33             | 35               |                      | 20      |                |
| 4     | 2009-2010     | 05                |                |                  |                      | 56      |                |
| 5     | 2010-2011     | 28                |                |                  |                      | 107     |                |
| 6     | 2011-2012     | 20                |                |                  |                      |         |                |
| 7     | 2012-2013     | 39                |                |                  |                      |         |                |

|   |           |    |  |  |  |  |  |
|---|-----------|----|--|--|--|--|--|
| 8 | 2013-2014 | 37 |  |  |  |  |  |
| 9 | 2014-2015 |    |  |  |  |  |  |

32. Details on student enrichment programmes (special lectures/workshops/seminar) with external experts.

Personality development class is conducted for all under graduate students NET/SET class is organized for post graduate students

33. Teaching methods adopted to improve student learning

- Assignments
- Periodical tests
- Seminars
- Remedial coaching classes

34. Participation in Institutional Social Responsibility (ISR) and Extension activities

| NSS       | YRC | RRC | ECO | LEO | Fine Arts | Consumer Club |
|-----------|-----|-----|-----|-----|-----------|---------------|
| 3558<br>W | 55  | 57  | 57  | 46  | 39        | 57            |

OC analysis of the department and future plan.

- Motivated teaching staff and Well-equipped library with books, reference books and journals
- One of Our faculty members has passed SLET.

### Strengths

- Active student support & counselling services
- Participation in intercollegiate competitions
- Remedial classes and SET/NET coaching
- Availability of LCD projector

### Weaknesses

- Students are less proficient in English.

### Opportunities

- Motivation of the department to impart excellent quality education, develop a disciplined and integrated personality has helped them to reach great heights.
- Many of our alumni are working in schools and private companies.
- To motivate the students to participate in competition held by other Colleges.

- They are encouraged to present papers seminar / national/ international conferences.
- The commerce students pursuing MBA perform better when compared to the students from other disciplines, since they had been equipped with business administration and management concepts.

**Challenge** To increase the demand for the programmes

#### **Future plans of the department**

- To conduct National seminar and International Seminar in the next academic year.
- To enhance pass percentage and achieve 100 % Result
- Motivate the students to entry into service jobs like Bank exam, etc.
- To improve research activities for M.phil students.
- Our department is planning to introduce the Entrepreneurial Development Cell to equip and motivate the students to become the Future Women Entrepreneurs.

#### 36. List of teaching method adopting by faculty

Faculty use traditional classroom teaching methods as well as modern teaching skills using OHP, LCD, and computers.

## EVALUATIVE REPORT OF THE DEPARTMENTS

1. Name of the department : **BIOCHEMISTRY**  
2. Year of Establishment :

| Course                       | Year of Establishment |
|------------------------------|-----------------------|
| <b>B.Sc., Biochemistry</b>   | <b>1995</b>           |
| <b>M.Sc., Biochemistry</b>   | <b>1997</b>           |
| <b>M.Phil., Biochemistry</b> | <b>2010</b>           |

3. Names of programmers / courses offered : **B.Sc., Biochemistry**  
**M.Sc., Biochemistry**  
**M.Phil. Biochemistry**
4. Names of interdisciplinary courses and the departments / units involved : Nil

5. Annual / Semester / Choice based credit system (programme wise):

| Course                       | System          |
|------------------------------|-----------------|
| <b>B.Sc., Biochemistry</b>   | <b>CBCS</b>     |
| <b>M.Sc., Biochemistry</b>   | <b>CBCS</b>     |
| <b>M.Phil., Biochemistry</b> | <b>Semester</b> |

6. Participation of the department in the courses offered by other departments:

| Department to which courses offered | Name of the paper                        | Class |
|-------------------------------------|--|-------|
| B.Sc., Biochemistry                 | Computer applications in Biology (NME I) | II UG |
| B.Sc. Biochemistry                  | Bioethics(NMEII)                         | II UG |

7. Courses in collaboration with other universities, Industries, foreign institutions, etc.: **Nil**
8. Details of courses / programmers discontinued (if any) with reasons: **Nil**

9. Number of teaching posts

|                             | Sanctioned | Filled    |
|-----------------------------|------------|-----------|
| <b>Professors</b>           | -          | -         |
| <b>Associate Professors</b> | -          | -         |
| <b>Asst. Professors</b>     | <b>05</b>  | <b>05</b> |

10. Faculty profile with name, qualification, designation, specialization, (D.Sc. D.Litt. / Ph.D., / MPhil, etc):

| S. NO | NAME              | QUALIFICATION                     | DESIGNATION     | SPECIALIZATION | NUMBER OF YEARS OF EXPERIENCE | NO. OF M.PHIL. STUDENTS GUIDED FOR THE LAST 4 YEARS |
|-------|-------------------|-----------------------------------|-----------------|----------------|-------------------------------|---|
| 1     | Ms.K.Padmaloohana | M.Sc.,M.Phil.,D. Pharm., (Ph.D),, | HOD             | Biochemistry   | 21 yrs                        | 13  |
| 2     | M.K.Vadivazhagi   | M.Sc., M.Phil., (Ph.D)            | Asst. Professor | Biochemistry   | 9Yrs 1 M                      | 10  |
| 3     | Kalaimathi.J      | M.Sc.,M.Phil., (Ph.D)             | Asst. Professor | Biochemistry   | 10 Yrs 1 M                    | 7   |
| 4     | S.Nirmaladevi     | M.Sc., M.Phil., PGDCA             | Asst. Professor | Biochemistry   | 6Yrs                          | -   |
| 5     | G.Rani            | M.Sc.,M.Phil.,                    | Asst. Professor | Biochemistry   | 5Yrs 3M                       | 1   |

11. List of senior visiting faculty : **Nil**

12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty : **Nil**

13. Student – Teacher ratio:

| Course                     | Ratio       |
|----------------------------|-------------|
| <b>B.Sc., Biochemistry</b> | <b>25:1</b> |
| <b>M.Sc., Biochemistry</b> | <b>2:1</b>  |

14. Number of academic support staff (technical ) an administrative staff ;



sanctioned and filled:

|               | <b>Sanctioned</b> | <b>Filled</b> |
|---------------|-------------------|---------------|
| Lab assistant | <b>02</b>         | <b>02</b>     |
| Lab attender  | <b>01</b>         | <b>01</b>     |

15. Qualifications of teaching faculty with D.Sc./ D.litt./Ph.D./M.Phil./PG:

| <b>S.No.</b> | <b>Qualification</b> | <b>No. of teaching faculty</b> |
|--------------|----------------------|--------------------------------|
| 1            | M.Phil.,             | 05                             |
| 2            | Ph.D.,               | Nil                            |
| 3            | Ph.D                 | Nil                            |

16. Number of faculty with ongoing projects from a) National B) International funding agencies and grants received : **Nil**

17. Departmental projects funded by DST – FIST ; UGC , DBT , ICSSR, etc., and total grants received : **Nil**

18. Research center / facility recognized by the university **Recognized:**

**Four staff members has acquired M.Phil. Guideship at Thiruvalluvar University, Vellore.**

32 M.Phil., research scholars are pursuing their research programmes in our department

19. Publications:

**In Books** :  
**International Journal** /  
**National Journal** : 17  
**Conference** :

| S/N | Staff Name & Designation                       | Title of the paper and Author   | Vol.No.Page.No.,Year  | Name of the Journal   | IMPACT FACTOR         |
|-----|--|---|---|---|-----------------------|
| 1.  | Ms.K.Padmaloohana<br>Head &<br>Asst. Professor | Evaluation of the antioxidant and hepatoprotective activity of <i>cryptolepis buchanani</i>                                   | vol. 3 (02), pp. 099-104,<br>february, 2013<br><br>10.7324/japs.2013.30217<br><br>issn 2231-3354                | Journal of applied pharmaceutical science   | 0.5(SCOPUS INDEXING)  |
| 2.  |  | In-vivo nephroprotective potential from leaves extracts of <i>andrographis paniculata</i>                                     | volume 4, issue 03, 1416-1425,-.issn 2278 – 4357  | World journal of pharmacy and pharmaceutical sciences                             | SJIF: 2.71            |
| 3.  |  | Effect of aqueous, ethanol and acetone extract of <i>sesbania grandiflora</i> in gentamicin - induced nephrotoxic rats        | ISSN. 2349-8870 volume: 2 issue: 2 196-206 year: 2015   | European journal of biomedical and pharmaceutical sciences                        | 2.062                 |
| 4.  |  | Hepatoprotective and antioxidant activity of <i>sesbania grandiflora</i> against ccl4-induced hepatic injury in rats          | <i>ijp</i> , 2015; vol. 2(2): 71-76. e-issn: 2348-3962, p-issn: 2394-5583                                       | International journal of pharmacognosy  | NA                    |
| 5.  |  | Phytochemical analysis and antimicrobial activity of king ofbitter <i>andrographis paniculata</i> against pathogenic microbes | International journal of institutional pharmacy and life sciences 4(6): november-december 2014(issn): 2249-6807 | International journal of institutional pharmacy and life sciences 4(6):           | 3.57(PUBMED INDEXING) |
| 6.  |  | Production of lab scale fruit beer from fruli perry's   | ijipbart (2014) volume1, issue (1), pp: 15-22   | International journal of innovation in pharma biosciences and research technology | NA                    |
| 7.  |  | Hepatoprotective and antioxidant activity of <i>andrographis paniculata</i> against ccl4-induced hepatic injury in rats       | volume 2 (2), 2015, pp.29-34<br><a href="#">issn-2349-5251</a>  | international journal of biosciences and nanosciences                             | NA                    |

|    |  |   |  |   |    |
|----|--|---|--|---|----|
| 8  |  | Bioremediation of industrial effluent using whiterot fungi (pleurotus florida & aspergillus niger) by the activity of lignolytic enzymes. | IRJPBS.Vol.2<br>Issue 1-2015           | International research journal of pharmaceutical & Biosciences. | NA |
| 9  |  | Screening invitro free radical scavenging activity & GC-MS analysis of carica papaya  | RRI IISN 2394-5826<br>e-ISSN:2394-5834 | International research journal of pharmaceutical & Biosciences  | NA |
| 10 |  | Physical and chemical evaluation of two different forms of dumperidone maleate drug available in the market.                              | ISSN -2394-5826<br>e-ISSN: 2394-5834M  | International research journal of pharmaceutical & Biosciences  | NA |
| 11 | Ms.K.Padmaloohana<br>Head &<br>Asst. Professor | Production & optimization of protease from bacillus subtilis  | IRJPBS.Vol.2 Issue 1-2015              | European journal of molecular biology & Biochemistry            | NA |
| 12 |  | Optimization of lipase enzyme activity produced using bacillus megaterium soil isolated from garden soil.                                 | RRI ISSN 2394-5826<br>e-ISSN:2394-5834 | European journal of molecular biology & Biochemistry            | NA |
| 13 |  | Effect of Cytokinin on alleviating water stress in mung bean  | ISSN2003                               | The Fertilizer News   | NA |
| 14 |  | Effect of Bavstin on Germination of Co47 Rice   | ISSN2004                               | Indian Journal of Agricultural Biochemistry                     | NA |
| 15 |  | Evaluation of antioxidant & Hepatoprotective activity of cryptolepis puchanani  | ISSN2013                               | Indian Journal of applied pharmaceutical science                | NA |
| 16 |  | Antimicrobial activity of aqueous ethanol & acetone extract of sesbania gradiflora leaves and its phytochemical characterization          | ISSN2014                               | International Journal of Pharmascience and Research             | NA |

|    |  |  |   |   |       |
|----|--|--|---|---|-------|
| 17 | Ms.K.Padmaloohana<br>Head &<br>Asst. Professor | Effect of cytokinin of some biochemical parameters of water deficit in mung bean ( <i>Vigna Radiata</i> L.wilczek)     |   | International Journal of innovation in pharmasciences & Research methodology      | NA    |
| 18 |  | Nephroprotective activity of myristicaDactyloides in Acetaminophen induced Nephrotoxic rats.                           | ISBN 978-81-7511-051-9<br>TNBH publishers   | Proceedings of the national seminar in 2014.                                      | --    |
|    |  | Purification & characterization of phenylamine Amminohyase from Rice variety purple putta                              | 17 (2) 53 – 56 , 2004   | Indian Journal of Agricultural Biochemistry                                       |       |
|    |  | Invitro anticancer activity of different extracts of sesbania grandiflora against HEP2 cell linear                     | ISSN – 23213310 – 2321 – 3086 – I.F. 2.8  | World Journal of pharmaceutical science   |       |
| 19 |  | Screening of invitro free radical scavenging Activity of Carciapapaya  | ISBN 978-81-7511-051-9<br>TNBH publishers   | Proceedings of the national seminar in 2014.                                      | --    |
| 20 | <b>J.KALAIMATHI</b><br>(Asst.Professor)        | Protective effect of sinapic acid against 7,12 dimethyl benz(a)anthraceneinduced hamster buccal pouch carcinoge znesis | ISSN: 2347-3215 Volume 3<br>Number 3 (March-2015) pp. 150-158   | International Journal of Current Research and Academic Review                     | 1.215 |
| 21 |  | Influence of sinapic acid on induction of apoptosis in human laryngeal carcinoma cell line.                            | Influence of sinapic acid on induction of apoptosis in human laryngeal carcinoma cell line. Int j mod res rev 2014; 2(5):165-170. | International Journal of Modern Research and Reviews                              | 1.2   |
| 22 |  | Preparation of Fermented Foods Tofu and Dhokla and Bio evaluating its Nutritional and Sensory Properties               | <i>IJIPBART (2014) Volume1, Issue (1), pp: 1-8 ISSN: 2349-865X</i>  | International Journal of Innovation in Pharma Biosciences and Research Technology | NA    |

|    |                                       |  |   |   |   |
|----|---------------------------------------|--|---|---|---|
| 23 | <b>KALAIMATHI</b><br>(Asst.Professor) | Herbal wine (nutraceutical) production from <i>Phyllanthus emblica</i> and <i>Citrullus lanatus</i>  | <i>IJIPBART (2014) Volume 1, Issue (2), pp: 59-67 ISSN: 2349-865X</i>   | International Journal of Innovation in Pharma Biosciences and Research Technology | NA  |
| 24 |                                       | Anti-tumour and anti-oxidative potential of diosgenin against 7, 12-dimethylbenz (a) anthracene induced experimental oral carcinogenesis   | Pathology & Oncology Research<br><br>April 2012, Volume 18, Issue 2, pp 405-412<br><br>Date: 12 Oct 2011                    | Pathology & Oncology Research   | 1.86(PUBMED, SCOPUS<br><br>,SCIENCE wiyCITATATI ON INDEX ,SPRINGER IDEXING) |
| 25 |                                       | Phytochemical analysis and antibacterial activity of Eucalptus leaf extract against clinical pathogen                                      | International Journal of Institutional Pharmacy and life science<br><br>Volume 4 (6)<br><br>Nov – Dec 2014 (ISSN 2449-6807) | International Journal of Institutional Pharmacy and life science                  | 3.57(PUBMED INDEXING)   |
| 26 |                                       | plant-mediated synthesis of silver nanoparticles using neem leaf extracts and its antibacterial activity                                   | <i>volume 4(6): November-December 2014</i>  | <i>International Journal of Institutional Pharmacy and Life Sciences .</i>        | 3.57(PUBMED INDEXING)   |
| 27 |                                       | In Vitro Cuso4 Exposure Induces Genomic Dna Degradation And Reduces Antioxidant Activity In Liver Cells: An Important Contaminant In Foods | ISSN NO 2231-6876, Aug 2015   | <b>Indo American Journal Of Pharmaceutical Research</b>                           | <b>2.37(PUBMED INDEXING)</b>  |
| 28 |                                       | Sinapic acid attenuates DMBA oral carcinogenesis by improving the apoptotic associated gene expression in Hamsters                         | <i>ISSN :0974-2441</i>  | <i>Asian journal of pharmaceutical and clinical research</i>                      | 0.74ICV:3.98<br><br>(SCOPUS, ELSEVIER INDEXING)                             |

|    |  |  |   |   |                      |
|----|--|--|---|---|----------------------|
| 29 |  | Production of herbal wine (neutraceutical) with amla and watermelon. . In the book (Chemical Biochemical and Microbial World – Neoperspective),  | ISBN 978-81-7511-951-9.<br>TNBHPublishers     | Proceedings of the national seminar in 2014.                      | --                   |
|    |  | Evaluation of anti inflammatory and anti oxidative potential of 5-azacytidine on carrageenan mediated inflammatory response in wisterrats . In the book (Chemical Biochemical and Microbial World –Neoperspective) | ISBN 978-81-7511-951-9.<br>TNBHPublishers     | Proceedings of the national seminar in 2014.                      | ---                  |
| 30 |  | Antioxidant and antihepatotoxiceffect of flutamide against ethanol induced hepatotoxicity in albino wister rats . In the book (Chemical Biochemical and Microbial World –Neoperspective)                           | ISBN 978-81-7511-951-9.<br>TNBHPublishers     | Proceedings of the national seminar in 2014.                      |                      |
| 31 | <b>Ms.M.K.VADIVAZHAGI<br/>(Asst.Professor)</b> | Antioxidant & phytochemical properties of combination of leaves of aegle marmelos & mentha piperita.   | ISSN-2394-5826<br>e-ISSN:2394-5834            | International research journal of pharmaceutical & Biosciences    | NA                   |
| 32 |  | Study Of The Phytochemical Analysis And Antimicrobial Activity Of Dodonaea Viscosa   | ISSN: 2320-9585 (Online)  <br>ISSN: 2320-9577 | <a href="#">international Journal of Pure and Applied Zoology</a> | 0.615(NCBI INDEXING) |
| 33 |  | Effect of Yngbya hieronymusll on immunity and survival of aeromonas hydrophilia infected platycephalusgibbosus.  | ISSN: 2320-9585 (Online)  <br>ISSN: 2320-9577 | <a href="#">international Journal of Pure and Applied Zoology</a> | 0.615(NCBI INDEXING) |
| 34 |  | Microbial production of xylanase Enzyme using bacillus subtitle's isolated from garden soil.   | Print ISSN 2348 - 2192 e<br>ISSN 2348 – 2206  | European journal of molecular biology & Biochemistry .            | NA                   |

|    |   |  |   |   |     |
|----|---|--|---|---|-----|
| 35 | <b>Ms.M.K.VADIVAZHAGI</b><br>(Asst.Professor) | Anti oxidant and phytochemical properties of combination of leaves of aeglemarmelos and menthe piperita  | ISBN 978-81-7511-951-9.<br>TNBH Publishers                      | Proceedings of the national seminar in 2014.                                      | --- |
| 36 |   | Extraction of total bioactive and evaluating its antioxidant scavenging activity from A.vascia leaves.   | ISBN 978-81-7511-951-9.<br>TNBH Publishers                      | Proceedings of the national seminar in 2014.                                      | --- |
| 37 |   | Production purification and properties of fibrolyticenzyme from-Bacillus subtilis and invitro cleavage of fibrin by the enzyme.  | ISBN 978-81-7511-951-9<br>TNBH Publishers                       | Proceedings of the national seminar in 2014.                                      | --- |
| 38 | <b>Mrs.S.Nirmaladevi</b><br>(Asst Professor)  | Bio Polishing of diaper using Sampangi (Mexican tuber) flower extract & evaluating its antiseptic property. In the book (Chemical Biochemical and Microbial World –Neoperspective) | ISBN 978-81-7511-951-9<br>TNBH Publishers                       | Proceedings of the national seminar in 2014.                                      | --- |
| 39 | <b>Ms.G.Rani</b><br>(Asst Professor)          | Antimicrobial potential activity of Amorphophallus sylvaticus Extract against oral microorganism-  | IJPBART(2014) Volume 1, Issue (1), pp: 38-46- ISSN: 2349- 865 x | International Journal of Innovation in Pharma Biosciences and Research Technology | NA  |
| 40 |   | Priliminary phytochemical Analysis and antibacterial activity of Aqueous and ethanolic extrart of herbal plant vitex negundo   | e-ISSN :2394-5826<br>ISSN:2394-5834                             | International research journal of pharmaceutical & Biosciences                    | NA  |
| 41 |   | Production of pectinase enzyme from pomegranate peel through solid state fermentation using <i>Aspergillusniger</i>  | ISBN 978-81-7511-951-9<br>TNBH Publishers                       | Proceedings of the national seminar in 2014.                                      | --- |
| 42 |   | Evaluation of invivo antipyretic and invitroantipyrogenic activity of <i>Leucasaspera</i> .  | ISBN 978-81-7511-951-9<br>TNBH Publishers                       | Proceedings of the national seminar in 2014.                                      | --- |

### JOURNAL PUBLICATION LIST (STUDENTS)

| S. NO | NAME OF THE AUTHOR | TITLE OF THE ARTICLE  | NAME OF THE JOURNAL VOLUME, ISSUE AND YEAR                      | ISSN NO. & IMPACT FACTOR               |
|-------|--------------------|---|---|--|
| 1     | Ms.P.VIDHYA        | Bioremediation of industrial effluent using whiterot fungi (pleurotus florida & aspergillus niger) by the activity of lignolytic enzymes. | International research journal of pharmaceutical & Biosciences. | IRJPBS.Vol.2<br>Issue 1-2015           |
| 2     | Ms.M.RAMPRABA      | Screening invitro free radical scavenging activity & GC-MS analysis of carica papaya  | International research journal of pharmaceutical & Biosciences  | RRI IISN 2394-5826<br>e-ISSN:2394-5834 |
| 3     | Ms.S.VITHYA        | Physical and chemical evaluation of two different forms of dumperidone maleate drug available in the market.                              | International research journal of pharmaceutical & Biosciences  | ISSN -2394-5826<br>e-ISSN: 2394-5834M  |
| 4     | Mrs.H.NADHIYA      | Antioxidant & phytochemical properties of combination of leaves of aegle marmelos & mentha piperita.                                      | International research journal of pharmaceutical & Biosciences  | ISSN-2394-5826<br>e-ISSN:2394-5834     |
| 5     | Ms.R.SEETHA        | Production & optimization of protease from bacillus subtilis  | European journal of molecular biology & Biochemistry            | e-ISSN :2348-2206<br>ISSN:2348-2192    |
| 6     | Ms.S.PAVALARASI    | Optimization of lipase enzyme activity produced using bacillus megaterium soil isolated from garden soil.                                 | European journal of molecular biology & Biochemistry            | e-ISSN :2348-2168<br>ISSN:2348-215     |
| 7     | Ms.K.SARANAYA      | Microbial production of xylanase Enzyme using bacillus subtitle's isolated from garden soil.  | European journal of molecular biology & Biochemistry            | e-ISSN :2348 2206<br>ISSN:2348-2192    |
| 8     | Ms.R.IRAIYARASI    | Priliminary phytochemical Analysis and antibacterial activity of Aqueous and ethanolic extrart of herbal plant vitex negundo              | International research journal of pharmaceutical & Biosciences  | e-ISSN :2394-5826<br>ISSN:2394-5834    |



|     |                         |  |   |   |
|-----|-------------------------|--|---|---|
| 9   | <b>Ms.D.SHANTHI</b>     | plant-mediated synthesis of silver nanoparticles using neem leaf extracts and its antibacterial activity   | <i>International Journal of Institutional Pharmacy and Life Sciences</i> 4(6): November-December 2014(ISSN): 2249-6807s | <i>International Journal of Institutional Pharmacy and Life Sciences</i> .        |
| 10  | <b>Ms.S.SASIKALA</b>    | phytochemical analysis and <i>antibacterial activity of Eucalyptus sp leaf extract against clinical pathogens</i>                                    | (ISSN): 2249-6807   | <i>International Journal of Institutional Pharmacy and Life Sciences</i>          |
| 11  | <b>Ms.C.KALAIYARASI</b> | Preparation of Fermented Foods Tofu and Dhokla and Bio evaluating its Nutritional and Sensory Properties   | <i>IJIPBART (2014) Volume1, Issue (1), pp: 1-8 ISSN: 2349-865X</i>  | International Journal of Innovation in Pharma Biosciences and Research Technology |
| 12  | <b>Ms. JEEVITHA</b>     | Herbal wine (nutraceutical) production from <i>Phyllanthus emblica</i> and <i>Citrullus lanatus</i>  | <i>IJIPBART (2014) Volume1, Issue (2), pp: 59-67 ISSN: 2349-865X</i>  | International Journal of Innovation in Pharma Biosciences and Research Technology |
| 13  | <b>Ms.C.REVATHI</b>     | Antimicrobial potential activity of <i>Amorphophallus sylvaticus</i> Extract against oral microorganism-   | <i>IJIPBART(2014) Volume 1, Issue (1), pp: 38-46- ISSN: 2349- 865 x</i>   | International Journal of Innovation in Pharma Biosciences and Research Technology |
| 14  | <b>NARSONALP</b>        | In Vitro $\text{CuSO}_4$ Exposure Induces Genomic Dna Degradation And Reduces Antioxidant Activity In Liver Cells: An Important Contaminant In Foods | ISSN NO 2231-6876,Aug 2015  | Indo American Journal Of Pharmaceutical Research                                  |
| 15. | <b>S .BACKIALAKSHMI</b> | Preliminary Phytochemical Analysis And In Vitro Antioxidant Activity Of Aqua Alcoholic Extract Of <i>Solanum Nigrum</i> Leaves                       | ISSN 2349-7750.July2015   | Indo American Journal of Pharmaceutical Sciences                                  |

20.Areas of consultancy and income generated : Nil

21.Faculty as members in a)National committees b)International Committees  
c)Editorial boards : Nil

22.Student projects

a) Percentage of students who have done in-house projects including inter departmental / programme:

In our department students were done in house projects

b) Percentage of students placed for projects in organizations outside the institution i.e) in Research laboratories / Industry /other agencies : Nil

| Year        | PG                |                | M.Phil.,          |                |
|-------------|-------------------|----------------|-------------------|----------------|
|             | In House Projects | Other Agencies | In House Projects | Other Agencies |
| 2008 – 2009 | 75%               | 25%            | ---               | ---            |
| 2009 – 2010 | 75%               | 25%            | ---               | ---            |
| 2010 – 2011 | 75%               | 25%            | 75%               | 25%            |
| 2011 – 2012 | 75%               | 25%            | 75%               | 25%            |
| 2012 – 2013 | 75%               | 25%            | ---               | ---            |
| 2013 – 2014 | 75%               | 25%            | 75%               | 25%            |
| 2014 – 2015 | 75%               | 25%            | 75%               | 25%            |

23. Awards / Recognitions received by faculty and students:

| S.NO | NAME of the Faculty                                   | Award & Year                                   | Organizing Agency                                      |
|------|---|--|--|
| 1    | Mrs.J.Kalaimathi<br>Asst.professor in<br>Biochemistry | Dr.Radhakrishnan<br>Gold Medal Award -<br>2015 | Global Economic<br>Process and Research<br>Association |

#### UG-BIOCHEMISTRY(2006-2014)

| S.NO | NAME with Reg.No.          | Award & Year  | Organizing Agency           |
|------|----------------------------|---|-----------------------------|
| 1    | S.Nadhiya<br>2427497       | University rank Holder<br>3 <sup>rd</sup> Rank – 2006 | Thiruvalluvar<br>University |
| 2    | C.S.Pramila<br>2427501     | University rank Holder<br>Vth Rank – 2006             | Thiruvalluvar<br>University |
| 3    | K.SilviaChristy<br>2526621 | University rank Holder<br>3 <sup>rd</sup> Rank – 2007 | Thiruvalluvar<br>University |

|    |                            |  |                             |
|----|----------------------------|--|-----------------------------|
| 4  | D.Thulasi<br>2626514       | University rank Holder<br>2 <sup>nd</sup> Rank – 2008  | Thiruvalluvar<br>University |
| 5  | V.kavitha<br>2626493       | University rank Holder<br>9 <sup>th</sup> Rank – 2008  | Thiruvalluvar<br>University |
| 6  | P.Elavarasi<br>2786793     | University rank Holder<br>1 <sup>st</sup> Rank – 2010  | Thiruvalluvar<br>University |
| 7  | S.Backialakshmi<br>2786788 | University rank Holder<br>2 <sup>nd</sup> Rank – 2010  | Thiruvalluvar<br>University |
| 8  | S.Lavanya<br>2786805       | University rank Holder<br>3 <sup>rd</sup> Rank – 2010  | Thiruvalluvar<br>University |
| 9  | T.Hemalatha<br>2786796     | University rank Holder<br>4 <sup>th</sup> Rank – 2010  | Thiruvalluvar<br>University |
| 10 | G.Gayathri<br>2883902      | University rank Holder<br>3 <sup>rd</sup> Rank – 2011  | Thiruvalluvar<br>University |
| 11 | M.Saranya<br>2883922       | University rank Holder<br>8 <sup>th</sup> Rank – 2011  | Thiruvalluvar<br>University |
| 12 | P.Sasikala<br>2986792      | University rank Holder<br>5 <sup>th</sup> Rank – 2012  | Thiruvalluvar<br>University |
| 13 | R,Sasikala<br>2986793      | University rank Holder<br>10 <sup>th</sup> Rank – 2012 | Thiruvalluvar<br>University |
| 14 | K.Yasmin<br>1028265        | University rank Holder<br>3 <sup>rd</sup> Rank – 2013  | Thiruvalluvar<br>University |
| 15 | S.Manimekalai<br>1028249   | University rank Holder<br>10 <sup>th</sup> Rank – 2013 | Thiruvalluvar<br>University |

#### PG-BIOCHEMISTRY (2006-2014)

| S.NO | NAME                     | YEAR  | RANK                        |
|------|--------------------------|---|-----------------------------|
| 1    | K.Bangarammal<br>2610759 | University rank Holder<br>3 <sup>rd</sup> Rank – 2013 | Thiruvalluvar<br>University |
| 2    | V.Sharmila<br>2610764    | University rank Holder<br>9 <sup>th</sup> Rank – 2013 | Thiruvalluvar<br>University |
| 3    | V.Agila<br>2710674       | University rank Holder<br>2 <sup>nd</sup> Rank – 2013 | Thiruvalluvar<br>University |
| 4    | P.Gayathri<br>2710675    | University rank Holder<br>9 <sup>th</sup> Rank – 2013 | Thiruvalluvar<br>University |
| 5    | R.Hemalatha<br>2750820   | University rank Holder<br>5 <sup>th</sup> Rank – 2013 | Thiruvalluvar<br>University |
| 6    | R.Sathiya<br>2750827     | University rank Holder<br>9 <sup>th</sup> Rank – 2013 | Thiruvalluvar<br>University |
| 7    | P.Idayapriya<br>2850764  | University rank Holder<br>5 <sup>th</sup> Rank – 2013 | Thiruvalluvar<br>University |
| 8    | V.Kavitha<br>2951373     | University rank Holder<br>6 <sup>th</sup> Rank – 2013 | Thiruvalluvar<br>University |
| 9    | S.Tamilarasi<br>2951376  | University rank Holder<br>8 <sup>th</sup> Rank – 2013 | Thiruvalluvar<br>University |

|    |                           |  |                             |
|----|---------------------------|--|-----------------------------|
| 10 | T.Malathi<br>2951374      | University rank Holder<br>10 <sup>th</sup> Rank – 2013 | Thiruvalluvar<br>University |
| 11 | A.Ananthi<br>2951368      | University rank Holder<br>5 <sup>th</sup> Rank – 2013  | Thiruvalluvar<br>University |
| 12 | M.Ramprabha<br>1051442    | University rank Holder<br>10 <sup>th</sup> Rank – 2013 | Thiruvalluvar<br>University |
| 13 | T.Hemalatha<br>1051436    | University rank Holder<br>6 <sup>th</sup> Rank – 2013  | Thiruvalluvar<br>University |
| 14 | S.Pavalarasi<br>1051441   | University rank Holder<br>7 <sup>th</sup> Rank – 2013  | Thiruvalluvar<br>University |
| 15 | P.Saranya<br>1051444      | University rank Holder<br>10 <sup>th</sup> Rank – 2013 | Thiruvalluvar<br>University |
| 16 | E.Suganthi<br>P1160801037 | University rank Holder<br>9 <sup>th</sup> Rank – 2013  | Thiruvalluvar<br>University |
| 17 | C.Reena<br>1252073        | University rank Holder<br>1 <sup>st</sup> Rank – 2013  | Thiruvalluvar<br>University |
| 18 | M.Sabhari<br>1252075      | University rank Holder<br>2 <sup>nd</sup> Rank – 2013  | Thiruvalluvar<br>University |
| 19 | E.Revathi<br>1252074      | University rank Holder<br>3 <sup>rd</sup> Rank – 2013  | Thiruvalluvar<br>University |

24. List of eminent academicians and scientists / visitors to the department :

| YEAR      | RESOURCE PERSON & DESIGNATION  |
|-----------|--|
| 2006-2007 | Mr.V.Balamurugan M.Sc.,B.Ed.,PGDCA,<br>Chief educational officer,<br>T.V.Malai   |
| 2007-2008 | 1.Dr.Asokan M.sc.,M.Phil.,PhD<br>senior professor of Biochemistry,<br>Abdulhakkem college, Melvisaram.   |
| 2008-2009 | -  |
| 2009-2010 | Dr.K.SureshM.sc., B.Ed.,Ph.D<br>senior professor of Biochemistry,<br>Annamalai-University<br>Chidambaram.  |
| 2010-2011 | 1.Prof.Dr.Lawrence rajendran.,Ph.D<br>Co-director &Asst-Preof-System<br>& Cell Biologyna of<br>Neurdegeneration,<br>Switzerland<br><br>2. Dr. S. Palani., Ph.D<br>Asst-Prof Of Biotechnology<br>ArunaiEng-College- T.V Malai |

|           |   |
|-----------|---|
| 2011-2012 | Dr.(Tmt) Savithri DevarajM.sc.,<br>Mphil.,B.Ed.,Ph.D<br>Former Principal of Tanjore Arts college &<br>Advisor Of Sri Akilandeswariwomens college<br>wandiwash.  |
| 2012-2013 | Mr.P.Balasubarmanian<br>M.sc.,(NET-CSIR) Ph.D.<br>Asst-Professor<br>PG & Research Dept- of zoology<br>Govt-Arts college<br>Kumbakonam.<br><br>Dr.R.Narasimman. M.sc., Ph.D<br>Junior Rice breeder<br>PKVK, Pondicherry.<br><br>Dr.Sevaelango M.A.,M.Phil.,Ph.D.<br>PKVK, Pondicherry. |
| 2013-2014 | Dr.B.Chandramohan M.sc.,Ph.D<br>Senior research Officer<br>Molecules wild life forensic & disease<br>Diagnostic lab, Veterinary & animal scienc<br>University Kerala.   |
| 2014-2015 | Dr.S.Niranjalideveraj<br>Chair person School of life science, Head<br>&Dept-ofBiochemistry, University of Madars.   |

## 25. Seminar / conference/ workshop organized and the source of funding

Seminars are organized with the fund by the Management

| YEAR      | DATE       | TITLE   | RESOURCE<br>PERSON & DESIGNATION  |
|-----------|------------|---|---|
| 2006-2007 | 10.11.2006 | Basic Microbiological &<br>biochemical Techniques | Mr.V.Balamurugan<br>M.Sc.,B.Ed.,PGDCA,<br>Chief educational officer,<br>T.V.Malai                         |
| 2007-2008 | 26.9.2008  | Bone pain &Drug Delivery                          | 1.Dr.Asokan M.sc.,M.Phil.,PhD<br>seniar professor of Biochemistry,<br>Abdulhakkem college,<br>Melvisaram. |

|           |                              |   |   |
|-----------|------------------------------|---|---|
| 2009-2010 | 17.2.2010                    | Trangensis  | Dr.K.SureshM.sc., B.Ed.,Ph.D<br>senior professor of Biochemistry,<br>Annamalai-University<br>Chidambaram.   |
| 2010-2011 | 20.12.2010                   | Cell biology of<br>Drug delivery<br><br>Heptorenal toxicity in Bio<br>chemical approach | 1.Prof.Dr.Lawrence<br>rajendran.,PhD<br>Co-director &Asst-Preof-<br>System& Cell Biologyna of<br>Neurdegeneration,<br>Switzerland<br><br>2. Dr. S. Palani., PhD<br>Asst-Prof Of Biotechnology<br>ArunaiEng-College- T.V Malai   |
| 2011-2012 | 13.09.2011                   | Isolation & Purification of<br>chemical compond&<br>its application                     | Dr.(Tmt) Savithri DevarajM.sc.,<br>Mphil.,B.Ed.,Ph.D<br><br>Former Principal K. N. Arts<br>college & Advisor Of Sri<br>Akilandeswariwomens college<br>wandiwash.  |
| 2012-2013 | 19.10.2012<br><br>01.03.2013 | Zoonoses Causes &<br>Prevention   | Mr.P.Balasubramanian<br>M.sc.,(NET-CSIR) Ph.D.<br>Asst-Professr<br>PG & Research Dept- of zoology<br>Govt-Arts college<br>Kumbakonam.<br><br>Dr.R.Narasimman. M.sc., Ph.D<br>Junior Rice breeder<br>PKVK, Pondicherry.<br><br>Dr.SevaelangoM.A.,M.Phil.,Ph.D.<br>PKVK, Pondicherry. |
| 2013-2014 | 11.12.2014                   | ZooBiQUITY  | Dr.B.Chandramohan M.sc.,Ph.D<br>Senior research Officer<br>Molecules wild life forensic<br>& disease Diagnostic lab,<br>Veterinary & animal scienc<br>University Kerala.  |
| 2014-2015 | 10.10.2014                   | Neuo Perspectives on<br>chemical, Biochemical<br>Microbial World                        | Dr.S.Niranjalideveraj Chair<br>person School of life science,<br>Head &Dept-of Biochemistry,<br>University of Madars.   |

**26. Students Profile programme/ Course-Wise:**

| Academic Year | Name of the course | Applications Received | Selected Female | Pass Percentage |
|---------------|--------------------|-----------------------|-----------------|-----------------|
| 2006-2007     | UG Biochemistry    | 38                    | 32              | 80              |
|               | PG Biochemistry    | 15                    | 12              | 100             |
| 2007-2008     | UG Biochemistry    | 45                    | 41              | 87.5            |
|               | PG Biochemistry    | 10                    | 10              | 100             |
| 2008-2009     | UG Biochemistry    | 36                    | 34              | 81.25           |
|               | PG Biochemistry    | 17                    | 16              | 100             |
| 2009-2010     | UG Biochemistry    | 48                    | 42              | 97.2            |
|               | PG Biochemistry    | 10                    | 10              | 100             |
| 2010-2011     | UG Biochemistry    | 25                    | 19              | 61.29           |
|               | PG Biochemistry    | 12                    | 17              | 100             |
|               | M.Phil.,           | 8                     | 8               | 100             |
| 2011-2012     | UG Biochemistry    | 36                    | 32              | 92.5            |
|               | PG Biochemistry    | 7                     | 7               | 100             |
|               | M.Phil.,           | 11                    | 11              | 100             |
| 2012-2013     | UG Biochemistry    | 37                    | 30              | 80              |
|               | PG Biochemistry    | 9                     | 6               | 100             |
| 2013-2014     | UG Biochemistry    | 52                    | 50              | 36.7            |
|               | PG Biochemistry    | 4                     | 4               | 100             |
|               | M.Phil.,           | 5                     | 5               | 100             |
| 2014-2015     | UG Biochemistry    | 58                    | 53              | 46.77           |
|               | PG Biochemistry    | 10                    | 10              | 70              |
|               | M.Phil.,           | 5                     | 5               | 100             |

**27. Diversity of Students:**

| S.No | Academic Year | Name of the Course | % of students from the same state | % of students from other States | % of students from abroad |
|------|---------------|--------------------|-----------------------------------|---------------------------------|---------------------------|
| 1    | 2006-2007     | UG Biochemistry    | 100%                              | Nil                             | Nil                       |
|      |               | PG Biochemistry    | 100%                              | Nil                             | Nil                       |
| 2    | 2007-2008     | UG Biochemistry    | 100%                              | Nil                             | Nil                       |
|      |               | PG Biochemistry    | 100%                              | Nil                             | Nil                       |

|   |           |                 |      |     |     |
|---|-----------|-----------------|------|-----|-----|
| 3 | 2008-2009 | UG Biochemistry | 100% | Nil | Nil |
|   |           | PG Biochemistry | 100% | Nil | Nil |
| 4 | 2009-2010 | UG Biochemistry | 100% | Nil | Nil |
|   |           | PG Biochemistry | 100% | Nil | Nil |
| 5 | 2010-2011 | UG Biochemistry | 100% | Nil | Nil |
|   |           | PG Biochemistry | 100% | Nil | Nil |
|   |           | M.Phil.,        | 100% | Nil | Nil |
| 6 | 2011-2012 | UG Biochemistry | 100% | Nil | Nil |
|   |           | PG Biochemistry | 100% | Nil | Nil |
|   |           | M.Phil.,        | 100% | Nil | Nil |
| 7 | 2012-2013 | UG Biochemistry | 100% | Nil | Nil |
|   |           | PG Biochemistry | 100% | Nil | Nil |
| 8 | 2013-2014 | UG Biochemistry | 100% | Nil | Nil |
|   |           | PG Biochemistry | 100% | Nil | Nil |
|   |           | M.Phil.,        | 100% | Nil | Nil |
| 9 | 2014-2015 | UG Biochemistry | 100% | Nil | Nil |
|   |           | PG Biochemistry | 100% | Nil | Nil |
|   |           | M.Phil.,        | 100% | Nil | Nil |

**28. How Many Students have Cleared national & state Competitive Examinations such as NET, SLET, GATE Civil Services, Defense Services, etc.,? NIL**

**29. Student progression: (2006-2010)**

| S. NO | Academic Year (out gone Batch) | U.G to P.G (%) | P.G to M.Phil., (%) | Employed         |                               |
|-------|--------------------------------|----------------|---------------------|------------------|-------------------------------|
|       |                                |                |                     | Campus selection | Other than campus recruitment |
| 1     | 2006-2007                      | 10             | ---                 | ---              | 18.7                          |
| 2     | 2007-2008                      | 36.8           | ---                 | ---              | ---                           |
| 3     | 2008-2009                      | 32.3           | ---                 | ---              | 26.2                          |
| 4     | 2009-2010                      | 33             | ---                 | ---              | 40.5                          |



|   |           |      |      |     |      |
|---|-----------|------|------|-----|------|
| 5 | 2010-2011 | 31.2 | 43.7 | --- | 71.2 |
| 6 | 2011-2012 | 37.1 | 70   | --- | 13.3 |
| 7 | 2012-2013 | 22.5 | ---  | --- | 14.2 |
| 8 | 2013-2014 | 5    | 57.4 | --- | 16.6 |
| 9 | 2014-2015 | 17.6 | 83.3 | 15  | ---  |

**30. Details of infrastructural facilities:**

- a) **Library:** The department has books and journals in central library.  
b) **Internet facilities for staff and students:**

Computer with internet facility is available both for staff and students.

- c) **Class rooms with ICT facility :** NIL

- d) **Laboratories :**

The department has separate laboratories for UG,PG&M.phil., with required equipments.

**31. Number of students receiving financial assistance from college, university, government or other agencies.**

**List of students receiving financial assistance from college:**

| S. No | Academic Year | SC/ST Scholarship | BC Scholarship | M.BC Scholarship | Minority Scholarship | Uzhavar | Other Agencies |
|-------|---------------|-------------------|----------------|------------------|----------------------|---------|----------------|
| 1     | 2006-2007     | 9                 | 18             | 20               |                      |         |                |
| 2     | 2007-2008     | 1                 | 7              | 13               |                      |         |                |
| 3     | 2008-2009     | 4                 | 18             | 14               |                      |         |                |
| 4     | 2009-2010     | 9                 |                |                  |                      | 18      |                |
| 5     | 2010-2011     | 7                 |                |                  |                      | 35      |                |
| 6     | 2011-2012     | 6                 |                |                  |                      |         |                |
| 7     | 2012-2013     | 8                 |                |                  |                      |         |                |
| 8     | 2013-2014     | 12                |                |                  |                      |         |                |
| 9     | 2014-2015     | 8                 |                |                  | 5                    |         |                |

32. Details on student enrichment programmes (special lectures / Workshops / Seminar ) with external experts:

| DATE       | PERSON   | TITLE  | INSTITUTION   |
|------------|--|--|---|
| 19.09.2015 | Dr.E.Preetham<br>Asst.Professor of<br>Biochemistry | Scope & Destination of Life<br>Science Paths | Kerala University of<br>Fisheries & Ocean<br>Studies Cochin –<br>Kerala |

33. Teaching methods adopted to improve student learning:

To improve students learning , some of the teaching methods were adopted such as using of overhead projectors , using power point presentation in the classes.

**Innovative teaching-learning programmes.**

- Planning topics of the Syllabus as per requirement.
- Preparing acceptable study materials.
- Delivering lectures with interaction.
- Evaluating regularly by class tests.
- Power point presentations for some special topics.
- Virtual Lab NPTEL vvas channel live lecturers

34. Participation in institutional Social Responsibility (ISR) and Extension activities:

**The institution conducted many social welfare programmes**

| NSS | YRC | RRC | ECO | LEO | Fine Arts |
|-----|-----|-----|-----|-----|-----------|
| 13  | 36  | 40  | 36  | 38  | 32        |

35. SWOC analysis of the department and Future plans:

**STRENGTH**

**1. Faculty and support staff of the department**

Faculty who are involved in:

- a. Continuous professional development :
- b. Sincere, Dedicated work reflected by the Co-curricular activities of the department that require demanding and challenging faculty support.
- d. Modern goal based teaching- learning methodologies
- e. Teaching that emphasizes research skills : Biostatistics etc.
- f. Mentoring of students both on career, academic and personal issues.

**2. Infrastructure**

Good lab facilities and basic instrumentation for conducting postgraduate, practicals and research projects.(M.Sc.,&M.Phil )

### 3. Students

Majority of the students are meritorious, several with University ranks. They are intelligent, sincere and motivated, who are keen to learn the advanced principles of Biochemistry, laboratory techniques and soft skills as a Bioscience related career is a significant goal in their lives. They are extremely cooperative and help in the organization of several departments co-curricular activities. Their university results prove their academic capabilities.

### 4. Good working atmosphere in the department

Teaching and nonteaching faculty and students of the department share a very warm relationship which includes a lot of cooperation and understanding. The students have often appreciated the concern and mentoring they have received.

#### WEAKNESS

- Students with poor communication skill.
- Poor family circumstances
- Few Faculty Publications
- Limitation of finance and space

#### OPPORTUNITIES

- Research due to the increased emphasis
- Collaboration with institutes and industries that have a Biochemistry focus
- Interdisciplinary work

#### CHALLENGES

- To provide Quality PG teaching with publication based research to provide Quality education that prepares students for a global work environment with the existing faculty workload, finance and space
- Student Placements
- Good student-faculty interaction
- Potential for starting job oriented / Industry oriented courses

#### Future plans of the department.

- Student Placements
- Increasing the interdisciplinary nature of the courses.
- Increasing in-house publication based research.
- Increasing collaborations with industry and other institutes.
- Starting job oriented / Industry oriented courses

## Evaluative Report of the Department

### Department of Computer Science

1. **Name of the Department** : Computer Science

2. **Year of Establishment** :

| Course                        | Year |
|-------------------------------|------|
| B.Sc., Computer Science       | 1997 |
| M.Sc., Information Technology | 2002 |
| M.Phil., Computer Science     | 2010 |
| M.Sc., Computer Science       | 2014 |

3. **Names of Programmes/Courses offered (UG, PG, M.Phil.):**

Under Graduate : B.Sc., Computer Science  
Post Graduates : M.Sc., Information Technology &  
M.Sc., Computer Science  
M.Phil., : Computer Science

4. **Names of Interdisciplinary courses and the departments/units involved:** Nil

5. **Annual / Semester / Choice based credit system (programme wise) :**

| Course                        | System       |
|-------------------------------|--------------|
| B.Sc., Computer Science       | CBCS Pattern |
| M.Sc., Information Technology | CBCS Pattern |
| M.Phil., Computer Science     | CBCS Pattern |
| M.Sc., Computer Science       | CBCS Pattern |

6. **Participation of the department in the courses offered by other departments:**

| Class                         | Subject            | Offered by the Department |
|-------------------------------|--------------------|---------------------------|
| B.Sc., Computer Science       | Allied Mathematics | Mathematics               |
|                               | Non Major Elective | Food and Nutrition        |
| M.Sc., Information Technology | Human Rights       | Microbiology              |
| M.Sc., Computer Science       | Human Rights       | Microbiology              |

7. **Courses in collaboration with other universities, industries, foreign institutions, etc.:** Nil

8. **Details of courses / programmes discontinued (if any) with reasons:** Nil

9. Number of Teaching posts

|                      | Sanctioned | Filled |
|----------------------|------------|--------|
| Professors           | Nil        | Nil    |
| Associate Professors | Nil        | Nil    |
| Asst. Professors     | 11         | 11     |

10. 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 M.Phil Students guided for the last 4 years |
|------------------|---------------------------|------------------------|-------------------|----------------------------|--|
| Ms.K.Indhumathi  | M.Sc.,M.Phil.,B.Ed.,      | Head & Asst. Professor | Data Mining       | 7 Yrs                      | Nil  |
| Mrs.N.Tamilarasi | M.C.A.,M.Phil.,B.Ed., SET | Asst. Professor        | Computer Networks | 6 Yrs                      | 9  |
| Mrs.R.Jayakodi   | M.C.A.,M.Phil.,           | Asst. Professor        | Computer Networks | 2 Yrs                      | Nil  |
| Mrs.D.Rajaselvi  | M.Sc.,M.Phil.,B.Ed.,      | Asst. Professor        | Data Mining       | 2 Yrs                      | Nil  |
| Ms.B.Ramapriya   | M.C.A., M.Phil.,          | Asst. Professor        | Image Processing  | 1.6 Yrs                    | Nil  |
| Ms.K.Lavanya     | M.Sc., M.Phil.,           | Asst. Professor        | Multimedia        | 1.6 Yrs                    | Nil  |
| Ms.R.Mahalakshmi | M.C.A.,                   | Asst. Professor        | Data Mining       | 2 Yrs                      | Nil  |
| Mrs.S.Sujatha    | M.Sc., M.Phil.,           | Asst. Professor        | Data Mining       | 1 Yr                       | Nil  |
| Mrs.B.Shobana    | M.Sc.,M.Phil.,B.Ed.,      | Asst. Professor        | Computer Networks | 1 Yr                       | Nil  |
| Ms.B.Saranya     | M.C.A., M.Phil.,          | Asst. Professor        | Image Processing  | 1 Yr                       | Nil  |
| Ms.R.Saikumari   | M.C.A., M.Phil.,          | Asst. Professor        | Data Mining       | 1 Yr                       | Nil  |

11. List of senior visiting faculty : Nil

12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty : Nil

13. Student-Teacher Ratio (programme wise)

B.Sc., Computer Science : 35 : 1  
M.Sc., Information Technology : 4 : 1  
M.Phil., Computer Science : 5 : 1

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled:

| Posts                  | Sanctioned | Filled |
|------------------------|------------|--------|
| Computer Lab Assistant | 1          | 1      |

15. Qualifications of teaching faculty with DSc / D.Litt / Ph,D /Mphil /PG:

| <b>No. of Staffs</b> | <b>PG</b> | <b>M.Phil</b> | <b>Ph.D</b> |
|----------------------|-----------|---------------|-------------|
| 11                   | 1         | 10            | Nil         |

16. **Number of faculty with ongoing projects from a) National b) International funding agencies and grants received:** Nil
17. **Departmental projects funded by DST –FIST; UGC, DBT, ICSSR, etc. and total grants received:** Nil
18. **Research Centre / facility recognized by the University:**  
 Prof.N.Tamilarasi has acquired M.Phil., Guideship from Thiruvalluvar University, Vellore.

## 19. Publications:

| S.No. | Name & Designation                                  | Publication Particulars  | Title  | ISBN / ISSN  |
|-------|---|--|--|--|
| 1.    | <b>Ms.K.Indhumathi</b><br>Head/ Assistant Professor | National Conference on “Emerging Trends In Computer Science And Information Technology” – 2013<br><br>International Journal of Research in Computer Application & Management<br><br>National Conference on Advanced Computing and Communications – Adcom ‘15 | Development of Generative data stream modeling in online intrusion alert aggregation<br><br>Analysis of Data mining methodology in Medical Diagnosis<br><br>Wireless sensor network and security issues in cloud computing | ISBN : 978-93-80485-30-0<br><br>ISSN : 2231-1009<br><br>ISBN : 9788181241986 |
| 2.    | <b>Mrs.N.Tamilarasi</b><br>Assistant Professor      | Energy Efficient to end delay reduction and relay selection in WSN.<br><br>Mining topic signal from text using artificial intelligence   | Energy efficient to end delay reduction and relay selection in WSN<br><br>Mining topic signal from text using artificial Intelligence  | ISBN : 9788181241986<br><br>E-ISSN : 2395-1702                               |
| 2.    | <b>Mrs.R.Jayakodi</b><br>Assistant Professor        | National Conference on Advanced Computing and Communications – Adcom ‘15   | Security issues associated with big data in cloud computing  | ISBN : 9788181241986   |
| 3.    | <b>Mrs.D.Rajaselvi</b><br>Assistant Professor       | National Conference on Advanced Computing and Communications – Adcom ‘15   | Datamining to web mining to big data   | ISBN : 9788181241986   |
| 4.    | <b>Ms.K.Lavanya</b><br>Assistant Professor          | National Conference on Advanced Computing and Communications – Adcom ‘15   | Fast searching with keywords using datamining  | ISBN : 9788181241986   |
| 5.    | <b>Ms.B.Ramapriya</b><br>Assistant Professor        | International Conference on “A Comparative Study of Color Space Transfer with Image Compression”-2014<br><br>National Conference on Advanced Computing and Communications – Adcom ‘15  | A Comparative Study of Color Space Transform with Image Compression<br><br>2D medical image compression and comparison with application to JPEG  | ISBN : 978-81-9291131-0-0<br><br>ISBN : 9788181241986                        |

|     |  |   |   |   |
|-----|--|---|---|---|
| 6.  | <b>Ms.R.Mahalakshmi</b><br>Assistant Professor | National Conference on Advanced Computing and Communications – Adcom '15  | Using datamining techniques to improve software reliability   | ISBN :<br>9788181241986                                 |
| 7.  | <b>Mrs.S.Sujatha</b><br>Assistant Professor    | National Conference on Advanced Computing and Communications – Adcom '15  | Caching valid regions of spatial queries in mobile environment using proxy based server approach  | ISBN :<br>9788181241986                                 |
| 8.  | <b>Mrs.B.Shobana</b><br>Assistant Professor    | National Conference on Advanced Computing and Communications – Adcom '15  | Enterprise data classification using semantic web technologies  | ISBN :<br>9788181241986                                 |
| 9.  | <b>Ms.B.Saranya</b><br>Assistant Professor     | Computational Linguistics & Integrated Classical Knowledge Re-Discovered – Click – 2014<br><br>National Conference on Advanced Computing and Communications – Adcom '15 | Mining Massive moving object datasets from RFID Data flow analysis to traffic mining<br><br>A view on recent trends of cryptography in various technologies | ISBN : 978-81-907153-5-5<br><br>ISBN :<br>9788181241986 |
| 10. | <b>Ms.R.Saikumari</b><br>Assistant Professor   | National Conference on Advanced Computing and Communications – Adcom '15  | Sentimental analysis towards opinion targets and opinion words from online reviews based on the word alignment model  | ISBN :<br>9788181241986                                 |

### JOURNAL PUBLICATION LIST (STUDENTS)

| S.No. | Name & Designation | Publication Particulars  | Title  | ISBN / ISSN             |
|-------|--------------------|--|--|-------------------------|
| 1.    | <b>S.Devi</b>      | Uplink Interference Management of 4G in LTE                                | Proceeding of National Conference on Advanced Computing and Communications – Adcom '15 | ISBN :<br>9788181241986 |
| 2.    | <b>R.Gomathi</b>   | Decision Trees for mining data streams based on the Gaussian approximation | Proceeding of National Conference on Advanced Computing and Communications – Adcom '15 | ISBN :<br>9788181241986 |
| 3.    | <b>T.Anitha</b>    | Data mining with multiple big data fields using Hace theorem               | Proceeding of National Conference on Advanced Computing and                            | ISBN :<br>9788181241986 |



|     |                          |   |  |                         |
|-----|--------------------------|---|--|-------------------------|
|     |                          |   | Communications – Adcom ‘15   |                         |
| 4.  | <b>M.Ramya</b>           | Denial of service attacks in bloom filter based forwarding                                  | Proceeding of National Conference on Advanced Computing and Communications – Adcom ‘15 | ISBN :<br>9788181241986 |
| 5.  | <b>R.Deepalakshmi</b>    | Data mining using K-Range nearest neighbour classification over encrypted data              | Proceeding of National Conference on Advanced Computing and Communications – Adcom ‘15 | ISBN :<br>9788181241986 |
| 6.  | <b>S.Logeshwari</b>      | An Energy-Efficient for multicast optimization in DTN network                               | Proceeding of National Conference on Advanced Computing and Communications – Adcom ‘15 | ISBN :<br>9788181241986 |
| 7.  | <b>M.Revathy</b>         | Network utility optimization using wireless mesh network                                    | Proceeding of National Conference on Advanced Computing and Communications – Adcom ‘15 | ISBN :<br>9788181241986 |
| 8.  | <b>T.R.Indumathi</b>     | Privacy-Preserving and efficient mining of association rule hiding in distributed databases | Proceeding of National Conference on Advanced Computing and Communications – Adcom ‘15 | ISBN :<br>9788181241986 |
| 9.  | <b>B.Kairunisa Begam</b> | A High throughput path random access for Multi-hop wireless network routing                 | Proceeding of National Conference on Advanced Computing and Communications – Adcom ‘15 | ISBN :<br>9788181241986 |
| 10. | <b>C.Brindha</b>         | Efficient feature selection algorithm for online classification                             | Proceeding of National Conference on Advanced Computing and Communications – Adcom ‘15 | ISBN :<br>9788181241986 |

20. Areas of consultancy and income generated: Nil

21. Faculty as members in a) National Committees b) International Committees c) Editorial Boards.: Nil

22. Students Projects

a) Percentage of students who have done in-house projects including inter departmental/programme

In our department B.Sc., Computer Science & M.Sc., Information Technology students were done in house & out house projects

| Year        | UG                |                    | PG                |                    |
|-------------|-------------------|--------------------|-------------------|--------------------|
|             | In House Projects | Out House Projects | In House Projects | Out House Projects |
| 2006 – 2007 | ---               | ---                | ---               | 100%               |
| 2007 – 2008 | ---               | ----               |                   | 100%               |
| 2008 – 2009 | 100%              | ---                | --                | 100%               |
| 2009 – 2010 | 100%              | ---                | ---               | 100%               |
| 2010 – 2011 | 100%              | ---                | ---               | 100%               |
| 2011 – 2012 | 100%              | ---                | ---               | 100%               |
| 2012 – 2013 | 100%              | ---                | ---               | 100%               |
| 2013 – 2014 | Nil               | ---                | ---               | 100%               |
| 2014 – 2015 | Nil               | ---                | ---               | 100%               |

b) Percentage of students placed for projects in organizations outside the institution i.e. in Research laboratories/Industry/other agencies

23. Awards / Recognitions received by faculty and students:

- University Rank Holders from our department get awards from our College.  
UG-B.Sc.,Computer Science(2006-2014)

| S. No. | NAME with Reg.No.         | Award & Year  | Organizing Agency        |
|--------|---------------------------|---|--------------------------|
| 1.     | Sarala.J<br>2429640       | University Rank Holder<br>– 3 <sup>rd</sup> Rank – 2006 | Thiruvalluvar University |
| 2.     | Jansi.P<br>2626550        | University Rank Holder<br>– 3 <sup>rd</sup> Rank – 2008 | Thiruvalluvar University |
| 3.     | Sudha.M<br>2626577        | University Rank Holder<br>– 9 <sup>th</sup> Rank – 2008 | Thiruvalluvar University |
| 4.     | Poornima.J<br>2790128     | University Rank Holder<br>– 5 <sup>th</sup> Rank – 2010 | Thiruvalluvar University |
| 5.     | Archanadevi.S\<br>1032067 | University Rank Holder<br>– 7 <sup>th</sup> Rank – 2013 | Thiruvalluvar University |

**PG-M.Sc.,Information Technology(2006-2014)**

| S. No. | NAME with Reg.No.            | Award & Year   | Organizing Agency        |
|--------|------------------------------|--|--------------------------|
| 1.     | Srimathi.Y<br>2450578        | University Rank Holder – 8 <sup>th</sup><br>Rank – 2006  | Thiruvalluvar University |
| 2.     | Thilshath Begam.I<br>2550478 | University Rank Holder – 2 <sup>nd</sup><br>Rank – 2007  | Thiruvalluvar University |
| 3.     | Surekha.T.R<br>2550477       | University Rank Holder – 5 <sup>th</sup><br>Rank – 2007  | Thiruvalluvar University |
| 4.     | Jeevitha.P.M<br>2650561      | University Rank Holder – 6 <sup>th</sup><br>Rank – 2008  | Thiruvalluvar University |
| 5.     | Banupriya.P<br>2650560       | University Rank Holder – 10 <sup>th</sup><br>Rank – 2008 | Thiruvalluvar University |
| 6.     | Anitha.N<br>2850978          | University Rank Holder – 2 <sup>nd</sup><br>Rank – 2010  | Thiruvalluvar University |
| 7.     | Abirami.S<br>2850977         | University Rank Holder – 5 <sup>th</sup><br>Rank – 2010  | Thiruvalluvar University |
| 8.     | Sujatha.S<br>2951432         | University Rank Holder – 6 <sup>th</sup><br>Rank – 2011  | Thiruvalluvar University |
| 9.     | Sharmila.A.S<br>1051890      | University Rank Holder – 1 <sup>st</sup><br>Rank – 2012  | Thiruvalluvar University |
| 10.    | Kavitha.R<br>1051888         | University Rank Holder – 4 <sup>th</sup><br>Rank – 2012  | Thiruvalluvar University |
| 11.    | Lavanya.K<br>1051889         | University Rank Holder – 5 <sup>th</sup><br>Rank – 2012  | Thiruvalluvar University |
| 12.    | Hemalatha.P<br>1051887       | University Rank Holder – 8 <sup>th</sup><br>Rank – 2012  | Thiruvalluvar University |
| 13.    | Valarmathi.A<br>P1161101016  | University Rank Holder – 2 <sup>nd</sup><br>Rank – 2013  | Thiruvalluvar University |
| 14.    | Hemamalini.M<br>1252935      | University Rank Holder – 2 <sup>nd</sup><br>Rank – 2008  | Thiruvalluvar University |
| 15.    | Vennila.S<br>1252947         | University Rank Holder – 3 <sup>rd</sup><br>Rank – 2008  | Thiruvalluvar University |

24. List of eminent academicians and scientists / visitors to the department

| YEAR      | RESOURCE<br>PERSON & DESIGNATION  |
|-----------|---|
| 2006-2007 | <b>P.Sivakumar M.Sc., Ph.D.,</b><br>Principal (Retd) and Coordinator,<br>Santhome Institute for Career Guidance,<br>Chennai.  |
| 2015-2016 | <p><b>1.Dr.A.R.Mohamed Shanavas</b><br/>Associate Professor,<br/>Department of Computer Science,<br/>Jamal Mohammed College,<br/>Trichy.</p> <p><b>2.Dr.M.Nandhini</b><br/>Assistant Professor,<br/>Department of Computer Science,<br/>Pondicherry University,<br/>Puducherry – 14.</p> <p><b>3.Dr.G.T.Shrivakshan</b><br/>Head, Research and PostGraduate<br/>Department of Computer Science,<br/>Swami Vivekananda Arts &amp;<br/>Science College,<br/>Orathur, Villupuram</p> |

| Year        | Name of the Academicians                                   | Designation and Address  |
|-------------|--|--|
| 2006 – 2007 | <b>P.Sivakumar M.Sc., Ph.D.,</b>                           | Principal (Retd) and Coordinator,<br>Santhome Institute for Career<br>Guidance, Chennai. |
|             | <b>Mr.T.Velmurugan, M.Sc., M.Phil.,<br/>PGDCA., B.Ed.,</b> | Lecturer in Computer Science,<br>D.G.Vaishnava College, Chennai.                         |
|             | <b>Mr.Jothish. M.Sc.,</b>                                  | Trainer,<br>Indicom Software & Services,<br>Thiruvanmiyur, Chennai.                      |
| 2007 – 2008 | <b>Wintek Technologies</b>                                 | Nokia, SEZ,<br>Sriperumbudur,<br>Chennai   |
|             | <b>Leading IT Academic Computer</b>                        | Tindivanam   |

|             |   |   |
|-------------|---|---|
|             | <b>Education</b><br><b>Mr.R.Krishnaraj</b>  | ICFAI, National College,<br>Kancheepuram  |
| 2008 – 2009 | <b>Mr.P.Magizhan M.Sc., M.Phil.,</b><br><b>Mr.L.Rajesh M.C.A., M.Phil., M.B.M</b> | Assistant Professor,<br>Department of Computer Science,<br>Islamiah College,<br>Vaniyambadi - 635 752<br>Associate Professor, Department of<br>Computer Science and Applications,<br>Sri Sankara Arts & Science College,<br>Enathur, Kanchipuram – 631501 |
| 2009 – 2010 | <b>Mr. J. Jacinth Salome</b><br><b>Mr. K. Shanmugam</b>                           | Department of Computer Science &<br>B.C.A<br>Arulmigu Meenakshi Amman<br>College of Engineering,<br>Kanchipuram.<br><br>Arulmigu Meenakshi Amman<br>College of Engineering,<br>Kanchipuram.   |
| 2010 – 2011 | <b>Mr. P. Tamizhselvan M.B.A</b><br><b>Mr. Russell Perm Raj Benjamin M.C.A</b>    | Meridiam Telecom Ltd,<br>Purasavakkam,<br>Chennai.<br><br>Head, Department of Computer<br>Science & Applications,<br>Voorhees College,<br>Vellore.  |
| 2011 – 2012 | <b>Mr. L.Rajesh M.B.M., M.C.A., M.Phil.,</b><br><b>(Ph.D)</b>                     | Head, Associate Professor,<br>Sri Sankara Arts And Science<br>College,<br>Kanchipuram.  |
| 2012 – 2013 | <b>Mr. G. Sathyamoorthy</b><br><b>Mr. T. Vivekananda M.S.,(SE)</b>                | Branch Manager,<br>HCL, Velachery,<br>Chennai.<br><br>TCS (IT Analyst) Sirucherri,<br>Chennai.  |
| 2013 – 2014 | <b>Mr. K.Panchatcharam</b>  | Friendslearn, Thiruvanmiyur,<br>Chennai-41.   |
| 2014-2015   | <b>Mr.K.Pankaj B.E.,</b><br><b>Mr.Mohamed Ali B.E(C.S)</b>                        | Programmer, Technophilia,<br>Institute of USA,<br><br>Technical Lead,<br>Scope International, Thuraipakkam,<br>Chennai.   |

|           |                                |  |
|-----------|--------------------------------|--|
| 2015-2016 | <b>Dr.A.R.Mohamed Shanavas</b> | Associate Professor,<br>Department of Computer Science,<br>Jamal Mohammed College,<br>Trichy.  |
|           | <b>Dr.M.Nandhini</b>           | Assistant Professor,<br>Department of Computer Science,<br>Pondicherry University,<br>Puducherry – 14.                                     |
|           | <b>Dr.G.T.Shrivakshan</b>      | Head, Research and Post Graduate<br>Department of Computer Science,<br>Swami Vivekananda Arts & Science<br>College,<br>Orathur, Villupuram |

## 25. Seminars/ Conferences/Workshops organized & the source of funding

### a) National

### b) International

| Sl. No. | Name of the Resource Person  | Topic  |
|---------|--|--|
| 1.      | Dr.P.Sivakumar, M.Sc., Ph.D.,<br>Principal (Retd) and Coordinator,<br>Santhome Institute for Career Guidance, Chennai.   | Learning Physics with<br>function                    |
| 2.      | Mr. T.Velmurugan M.Sc., M.Phil., PGDCA., B.Ed.,<br>Lecturer in Computer Science,<br>D.G.Vaishnava College, Chennai.  | Data Mining and<br>Warehousing                       |
| 3.      | Mr.Jothish M.Sc.,<br>Trainer, Indian Software & Services,<br>Thiruvanmiyur, Chennai.   | Bluetooth Technology                                 |
| 4.      | Wintek Technologies<br>Nokia, SEZ, Sriperumpudur, Chennai.   | Features of Tracking IT<br>Field                     |
| 5.      | Leading IT Academic Computer<br>Education, Tindivanam.   | Computer Operating and<br>Programming                |
| 6.      | Mr.R.Krishnaraj,<br>ICFAI, National College, Kancheepuram  | How to face the Interview<br>with Resume Preparation |
| 7.      | Mr.P.Magizhan M.Sc., M.Phil.,<br>Assistant Professor<br>Department of Computer Science, Islamiah College ,<br>Vaniyambadi - 635752   | Multimedia Security<br>Systems                       |
| 8.      | Mr.L.Rajesh M.C.A., M.Phil., M.B.M., Associate<br>Professor, Department of Computer Science and<br>Applications,<br>Sri Sankara Arts & Science College,<br>Enathur, Kanchipuram - 631501 | Web Mining   |
| 9.      | Mr.J.Jacynth Salome,<br>Department of CS & B.C.A.,<br>Arulmigu Meenakshi Amman College of Engineering,<br>Kanchipuram.   | Information Security                                 |

|     |  |   |
|-----|--|---|
| 10. | Mr.K.Shanmugam<br>Arulmigu Meenakshi Amman College of Engineering,<br>Kanchipuram.   | Programming Environment<br>for Cloud Computing  |
| 11. | Mr.P.Tamizhselvan M.B.A.,<br>Meridiam Telecom ltd.,<br>Purasavakkam, Chennai.  | Personality Development   |
| 12. | Mr.A.Russell Prem Raj Benjamin M.C.A<br>Head,Department of Computer Science &<br>Applications,<br>Voorhees College, Vellore.<br><br>Mr.Madhankumar M.C.A.,<br>Department of Computer Science & Applications,<br>Voorhees College, Vellore.<br><br>Mr. Raguwaran B.Sc., & Mr.Mohan<br>System Engineer, TCS,<br>Chennai. | Hardware Maintenance and<br>Networking  |
| 13. | Mr. L.Rajesh M.B.M.,M.C.A, M.Phil., (Ph.D.,)<br>Head, Associate Professor,<br>Sri Sankara Arts and Science College Kanchipuram   | Web Crawlers  |
| 14. | Mr. G.Sathyamoorthy,<br>Branch Manager, HCL,<br>Velachery, Chennai.  | In-Plant Training   |
| 15. | Mr. T.Vivekanandhan M.S., (SE)<br>TCS (IT Analyst) Sirucherri,<br>Chennai.   | Data modeling Business<br>Intelligence  |
| 16. | Mr. K.Panchatcharam B.E.,<br>Friendslearn, Thiruvanmur,<br>Chennai-41  | Recent trend in artificial<br>intelligence skills and<br>recruitment awareness  |
| 17. | Mr.K.Pankaj B.E.,<br>Technophilia, Institute of USA,   | Android APP Development   |
| 18. | Mr. Mohamed Ali B.E.,(C.S)<br>Technical Lead, Scope International,<br>Thuraipakkam, Chennai.   | Big Pictures : IT, Current<br>Trends and Technologies<br>and Object Oriented<br>Programming   |
| 19. | Dr.A.R.Mohamed Shanavas<br><br>Dr.M.Nandhini<br><br>Dr.G.T.Shrivakshan   | Associate Professor,<br>Department of Computer<br>Science,<br>Jamal Mohammed College,<br>Trichy.<br><br>Assistant Professor,<br>Department of Computer<br>Science,<br>Pondicherry University, |

|  |  |   |
|--|--|---|
|  |  | Puducherry – 14.<br><br>Head, Research and Post Graduate<br>Department of Computer Science,<br>Swami Vivekananda Arts & Science College,<br>Orathur, Villupuram |
|--|--|---|

## 26. Student profile programme/course wise

| Year | Name of the Course/programme | Applications received | Selected | Enrolled |        | Pass percentage |
|------|------------------------------|-----------------------|----------|----------|--------|-----------------|
|      |                              |                       |          | Male     | Female |                 |
| 2006 | B.Sc., (CS)                  | 50                    | 50       |          | 50     | 98%             |
|      | M.Sc., (IT)                  | 6                     | 6        | -        | 6      | 100%            |
| 2007 | B.Sc., (CS)                  | 55                    | 50       |          | 50     | 88%             |
|      | M.Sc., (IT)                  | 20                    | 12       | -        | 12     | 100%            |
| 2008 | B.Sc., (CS)                  | 110                   | 100      |          | 100    | 98%             |
|      | M.Sc., (IT)                  | 15                    | 11       | -        | 11     | 82%             |
| 2009 | B.Sc., (CS)                  | 80                    | 71       |          | 71     | 98%             |
|      | M.Sc., (IT)                  | 5                     | 4        | -        | 4      | 90%             |
| 2010 | B.Sc., (CS)                  | 90                    | 80       |          | 80     | 91%             |
|      | M.Sc., (IT)                  | 7                     | 5        | -        | 5      | 100%            |
| 2011 | B.Sc., (CS)                  | 106                   | 100      |          | 100    | 97%             |
|      | M.Sc., (IT)                  | 6                     | 6        | -        | 6      | 100%            |
|      | M.Phil., (CS)                | 20                    | 11       |          | 11     | 100%            |
| 2012 | B.Sc., (CS)                  | 114                   | 110      |          | 110    | 88%             |
|      | M.Sc., (IT)                  | 17                    | 16       | -        | 16     | 100%            |
|      | M.Phil., (CS)                | 12                    | 8        |          | 8      | 100%            |
| 2013 | B.Sc., (CS)                  | 120                   | 110      |          | 110    | 99%             |
|      | M.Sc., (IT)                  | 6                     | 6        | -        | 6      | 100%            |
|      | M.Phil., (CS)                | 23                    | 20       |          | 20     | 100%            |
| 2014 | B.Sc., (CS)                  | 116                   | 110      |          | 110    | 100%            |
|      | M.Sc., (IT)                  | 16                    | 16       | -        | 16     | 100%            |
|      | M.Phil., (CS)                | 18                    | 15       |          | 15     | 99%             |
| 2015 | B.Sc., (CS)                  | 115                   | 110      |          | 110    | 100%            |
|      | M.Sc., (IT)                  | 4                     | 4        | -        | 4      | 100%            |
|      | M.Phil., (CS)                | 15                    | 10       |          | 10     | 100%            |



## 27. Diversity of Students

| Year        | Name of the Course | % of students from the same state | % of students from other States | % of students from abroad |
|-------------|--------------------|-----------------------------------|---------------------------------|---------------------------|
| 2006 – 2007 | UG                 | 100%                              | Nil                             | Nil                       |
|             | PG                 | 100: %                            | Nil                             | Nil                       |
| 2007 – 2008 | UG                 | 100%                              | Nil                             | Nil                       |
|             | PG                 | 100: %                            | Nil                             | Nil                       |
| 2008 – 2009 | UG                 | 100%                              | Nil                             | Nil                       |
|             | PG                 | 100: %                            | Nil                             | Nil                       |
| 2009 – 2010 | UG                 | 100%                              | Nil                             | Nil                       |
|             | PG                 | 100: %                            | Nil                             | Nil                       |
| 2010 – 2011 | UG                 | 100%                              | Nil                             | Nil                       |
|             | PG                 | 100: %                            | Nil                             | Nil                       |
|             | M.Phil.,           | 90%                               | 10%                             | Nil                       |
| 2011 – 2012 | UG                 | 100%                              | Nil                             | Nil                       |
|             | PG                 | 100: %                            | Nil                             | Nil                       |
|             | M.Phil.,           | 100%                              | Nil                             | Nil                       |
| 2012 - 2013 | UG                 | 100%                              | Nil                             | Nil                       |
|             | PG                 | 100: %                            | Nil                             | Nil                       |
|             | M.Phil.,           | 100%                              | Nil                             | Nil                       |
| 2013 - 2014 | UG                 | 100%                              | Nil                             | Nil                       |
|             | PG                 | 100: %                            | Nil                             | Nil                       |
|             | M.Phil.,           | 100%                              | Nil                             | Nil                       |
| 2014 - 2015 | UG                 | 100%                              | Nil                             | Nil                       |
|             | PG                 | 92%                               | 8%                              | Nil                       |
|             | M.Phil.,           | 100%                              | Nil                             | Nil                       |

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil Services, Defense services, etc.? Nil

## 29. Student Progression

| Student progression    | Against % enrolled |
|------------------------|--------------------|
| UG to PG               | 80%                |
| PG to M.Phil           | 25%                |
| PG to Ph.D             | Nil                |
| Ph.D. to Post-Doctoral | Nil                |

|  |       |
|--|-------|
| <b>Employed</b><br>• Campus selection<br>• Other than campus recruitment | >80 % |
| Entrepreneurship/Self-employment   | Nil   |

### 30. Details of Infrastructural facilities

#### c) Library :

The Central Library which is quite rich in old & new books and Journals.

#### d) Internet Facilities for Staff & students :

Internet facility with broadband connection is provided for staffs & students.

#### e) Class rooms with ICT Facility :

There is a well-designed modern central computer laboratory with advanced audio-visuals multimedia and 50 Computers.

#### f) Laboratories :

Well-designed modern central computer laboratory with 50 computers with LAN Connection and 2 Servers.

### 31. Number of students receiving financial assistance from college, university, government or other agencies : Students belonging to SC/ST, former and minority community are receiving scholarships from Government.

| S. No | Academic Year | SC/ST Scholarship | BC Scholarship | M.BC Scholarship | Minority Scholarship | Other Agencies |
|-------|---------------|-------------------|----------------|------------------|----------------------|----------------|
| 1     | 2006-2007     | ---               | 13             | 05               | 29                   | ---            |
| 2     | 2007-2008     | 02                | 16             | 07               | 37                   | ---            |
| 3     | 2008-2009     | ---               | 09             | 04               | 32                   | ---            |
| 4     | 2009-2010     | 02                | ---            | ---              | 11                   | ---            |
| 5     | 2010-2011     | 07                | ---            | ---              | ---                  | 73             |
| 6     | 2011-2012     | 10                | ---            | ---              | ---                  | 98             |
| 7     | 2012-2013     | 21                | ---            | ---              | ---                  | ---            |

### 32. Details on student enrichment programmes (special lectures / workshops / seminar) with external experts :

- All the under graduate students of our department underwent a Personality. Development class by the panel of resource persons organized in our college campus

| DATE       | PERSON  | TITLE                  |
|------------|---|------------------------|
| 10.02.2015 | Mr. REgnish Vishwakarma<br>Mr. Bankaj<br>Technophilia Systems<br>USA. | Anroid APP Development |

### 33. Teaching methods adopted to improve student learning :

- Learner-Centric education approach through appropriate methodologies like, Academic Calendar, Interactive & Instructional Techniques like, audio-visual mode of teaching, ICT based Learning.
- Modern teaching aids & tools like, Computers, audio-visuals multimedia and Internet are part of today's teaching learning process.
- Apart from this procedure tutorial classes at regular intervals and home assignments are also arranged by the faculty.
- Group Discussions.
- Departmental Seminars.

### 34. Participation in Institutional Social Responsibility(ISR) and Extension activities :

| NSS | YRC | RRC | ECO | LEO | Fine Arts |
|-----|-----|-----|-----|-----|-----------|
| 15  | 33  | 31  | 32  | 32  | 33        |

The teachers and students are participate in the Institutional Social Responsibility and Extension activities organized by the college NSS units (i.e. Blood donation camp, create awareness's to villages, etc.,).

### 35. Strengths:

- Well designed Infrastructure.
- Regular class throughout the year.
- ICT enabled Teaching.
- Good relation between teachers and students.
- Uninterrupted power supply.

#### Weakness:

- Lack of National level seminar.
- Want of recruitment of students.
- Insufficient reference books in library.

#### Opportunity:

- To arrange campus interview.
- To ensure employability of students.
- To improve the quality of students and good academic result.
- Use e-learning and adoption of new technology

#### Challenges:

- Faculties to be upgraded with latest information and technology.
- Increasing number of Research Publications in reputed Journals.

### 36. Future plans of the department.

- To launch a departmental Journal.
- To organize UGC – Sponsored State/National level seminars.
- More campus placement.

**EVALUATIVE REPORT OF THE  
DEPARTMENT OF CHEMISTRY**

- Name of the department: **Department of Chemistry**
- Year of Establishment:

| S. No | Course           | Year of Establishment |
|-------|------------------|-----------------------|
| 1     | B.Sc., Chemistry | 2010                  |
| 2     | M.Sc., Chemistry | 2013                  |

- Name of Programmes / Courses offered  
(UG, PG, M. Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.)

| S. No | Courses          |
|-------|------------------|
| 1     | B.Sc., Chemistry |
| 2     | M.Sc., Chemistry |

- Names of Interdisciplinary courses and the departments / units involved:

| S. No | Class / Year               | Allied Subject   | Offered to the Department |
|-------|----------------------------|------------------|---------------------------|
| 1     | I Year B.Sc., Physics      | Allied Chemistry | Physics                   |
| 2     | I Year B.Sc., Biochemistry | Allied Chemistry | Biochemistry              |

- Annual/ semester/choice based credit system (programme wise):

| S. No | Courses          | Pattern                               |
|-------|------------------|---------------------------------------|
| 1     | B.Sc., Chemistry | Choice based credit system (Semester) |
| 2     | M.Sc., Chemistry | Choice based credit system (Semester) |

- Participation of the department in the courses offered by other departments:

| S. No | Academic Year | Class / Year        | Allied Subject | Offered by the Department |
|-------|---------------|---------------------|----------------|---------------------------|
| 1     | 2010 – 2011   | I B.Sc., Chemistry  | Physics        | Physics                   |
|       |               | II B.Sc., Chemistry | -              | -                         |
| 2     | 2011 – 2012   | I B.Sc., Chemistry  | Physics        | Physics                   |

|   |             |                     |                               |                               |
|---|-------------|---------------------|-------------------------------|-------------------------------|
|   |             | II B.Sc., Chemistry | Zoology                       | Zoology                       |
| 3 | 2012 – 2013 | I B.Sc., Chemistry  | Physics                       | Physics                       |
|   |             | II B.Sc., Chemistry | Zoology /<br>Mathematics      | Zoology /<br>Mathematics      |
| 4 | 2013 -2014  | I B.Sc., Chemistry  | Physics                       | Physics                       |
|   |             | II B.Sc., Chemistry | Biochemistry /<br>Mathematics | Biochemistry /<br>Mathematics |
| 5 | 2014 - 2015 | I B.Sc., Chemistry  | Physics                       | Physics                       |
|   |             | II B.Sc., Chemistry | Biochemistry                  | Biochemistry                  |
| 6 | 2015 -2016  | I B.Sc., Chemistry  | Physics                       | Physics                       |
|   |             | II B.Sc., Chemistry | Mathematics                   | Mathematics                   |

7. Courses in collaboration with other universities, industries, foreign institutions, etc., Nil

8. Details of courses/programmes discontinued (if any) with reasons – Nil

9. Number of teaching posts:

| Designation          | Sanctioned | Filled |
|----------------------|------------|--------|
| Professors           | Nil        | Nil    |
| Associate Professors | Nil        | Nil    |
| Asst. Professors     | 8          | 8      |

10. 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 5 years |
|-------------------|------------------------------|----------------------------------|----------------|----------------------------|---|
| Mrs. A. Shoba     | M. Sc.,, M. Phil.,<br>M.Ed., | Head &<br>Assistant<br>professor | Polymer        | 4                          | NA  |
| Mrs. S. Rajeswari | M.Sc., B.Ed.,                | Assistant<br>professor           | -              | 2                          | NA  |
| Ms. N. Kaviya     | M.Sc., B.Ed.                 | Assistant<br>professor           | -              | 2                          | NA  |

|                    |                            |                     |                                 |   |    |
|--------------------|----------------------------|---------------------|---------------------------------|---|----|
| Mr. D. Prakash     | M.Sc., M. Phil.,<br>M.Ed., | Assistant professor | Inorganic-Schiff Base Complexes | 2 | NA |
| Ms. H. Sivasankari | M.Sc., M. Phil.,           | Assistant professor | Amadori compounds               | 2 | NA |
| Mrs. P. Amudha     | M.Sc., B.Ed.,              | Assistant professor | -                               | 2 | NA |
| Ms. P. Divya       | M.Sc., B.Ed.,              | Assistant professor | -                               | 1 | NA |
| Dr. V. Selvaraj    | M.Sc., M. Phil.,<br>Ph.D., | Assistant professor | Phase Transfer Catalyst         | 7 | NA |

11. List of senior visiting faculty:

| S. No | Name                 | Designation         | Institution                                     |
|-------|----------------------|---------------------|---|
| 1     | Dr. Savithri Devaraj | Former Principal    | K.N.Arts College,<br>(Autonomous) Tanjore.      |
| 2     | Dr. J. Madhavan      | Assistant Professor | Thiruvalluvar university,<br>Serkkadu, Vellore. |

12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty: **Nil**

13. Student -Teacher Ratio (programme wise):

| S.NO | ACADEMIC YEAR | B.Sc., Chemistry RATIO | M.Sc., Chemistry RATIO |
|------|---------------|------------------------|------------------------|
| 1    | 2010 - 2011   | 50:1                   | -                      |
| 2    | 2011 - 2012   | 53:1                   | -                      |
| 3    | 2012 - 2013   | 39:1                   | -                      |
| 4    | 2013 - 2014   | 33:1                   | 3:1                    |
| 5    | 2014 - 2015   | 23:1                   | 3:1                    |
| 6    | 2015 – 2016   | 20:1                   | 7:1                    |

14. Number of academic support staff (technical) and administrative staff;  
Sanctioned and filled

| Staff           | Sanctioned | Filled |
|-----------------|------------|--------|
| TECHNICAL STAFF | 2          | 2      |

15. Qualifications of teaching faculty with D.Sc / D.Litt / Ph.D / MPhil / PG.

| Qualification           | P.G | M.Phil | Ph.D |
|-------------------------|-----|--------|------|
| No. of. Faculty members | 4   | 3      | 1    |

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received - Nil

17. Departmental projects funded by DST - FIST; UGC, DBT, ICSSR, etc. and total grants received - Nil

18. Research Centre /facility recognized by the University - Nil

19. Publications:

| S. NO | Name & Designation                           | Title of the paper  | Publication Particulars  | ISBN / ISSN       |
|-------|--|---|--|-------------------|
| 1     | Mrs.A.Shoba.,<br>Head & Assistant Professor. | Ionic conductivity studies of phenothiazine doped PEO-PVDF blended polymer electrolytes for device applications                 | Proceeding on National level seminar<br>Neoperspectives on chemical, Biochemical, Microbial worl-2014  | 978-81-7511-051-9 |
| 2     | Mr.D.Prakash.,<br>Assistant Professor.       | Synthesis, Characterization and Antibacterial activity of some novel Schiff base complexes of Fe(III) Ru(III) metal ions        | Proceeding on National level seminar<br>Neoperspectives on chemical, Biochemical, Microbial worl-2014  | 978-81-7511-051-9 |
| 3     | Ms.H.Sivasankari.,<br>Assistant Professor.   | Preparation, Isolation, Characterization and metal complexation of amadori with vanadium (IV) salt and their biological studies | Proceeding on National level seminar<br>Neoperspectives on chemical, Biochemical, Microbial worl-2014  | 978-81-7511-051-9 |
| 4     | Mrs.P.Amudha.,<br>Assistant Professor.       | Effect of glycine on the growth of KDP single crystals and their characterisation   | Proceeding on National level seminar<br>Neoperspectives on chemical, Biochemical, Microbial worl-2014. | 978-81-7511-051-9 |

|                           |  |   |  |                       |
|---------------------------|--|---|--|-----------------------|
| 5                         | Dr.V. Selvaraj.,<br>Assistant Professor            | Benylation of Imidazole under a New Multi-Site Phase – Transfer catalyst – A kinetic Study.   | Journal of Chemistry and Chemical science<br>Vol.1 (4), (2011) 249-266 | 2229-760X<br>IF:2.89  |
|                           |  | Preparation of 1,3-bis(allyloxy)benzene under a new multi-site phase-transfer catalyst combined with ultrasonication –A kinetic study.                          | Ultrasonics sonochemistry 20 (2013) 1236-1244                          | 1350-4177<br>IF:4.321 |
|                           |  | Propargylation of indene-1,3-dione under a new phase-transfer catalyst combined with ultrasonication –A kinetic study..   | Ultrasonics sonochemistry 21(2014)612-619.                             | 1350-4177<br>IF:4.321 |
|                           |  | Ultrasound assisted the preparation of 1- (4-nitrophenyl) imidazole under a new multi-site phase-transfer catalyst – kinetic study                              | Ultrasonics sonochemistry 21(2014) 620-627                             | 1350-4177<br>IF:4.321 |
|                           | Dr.V. Selvaraj.,<br>Assistant Professor            | Ultrasound assisted arylation of benzyl alcohol with 4-nitrochlorobenzene under a new multi-site phase-transfer catalyst in solid–liquid condition.             | Ultrasonics sonochemistry 21 (2014) 1805–1814                          | 1350-4177<br>IF:4.321 |
|                           |  | Effect of ultrasound in the free radical polymerization of acrylonitrile under a new multi-site phase-transfer catalyst – A kinetic study.                      | Ultrasonics sonochemistry 22 (2015) 265–271                            | 1350-4177 IF:4.321    |
|                           |  | Sonication effect on the reaction of 4-bromo-1-methylbenzene with sodium sulfide in liquid–liquid multi-site phase-transfer catalysis condition – Kinetic study | Ultrasonics sonochemistry 23(2015)156-164                              | 1350-4177 IF:4.321    |
|                           |  | Ultrasound assisted thermal decomposition of potassium peroxo mono sulphate in the presence of a new di-site phase-transfer catalyst                            | International journal of applied chemistry 11(2015)                    | 0973-1792             |
| Analytical Chemistry - II | Today Publication, Chennai First Edition June 2007 | 978-81-907561-9-8   |  |                       |



20. Areas of consultancy and income generated - Nil

21. Faculty as members in - Nil

- a) National committees
- b) International Committees
- c) Editorial Boards....

22. Student projects

- a) Percentage of students who have done in-house projects including inter departmental/programme: Nil
- b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/ other agencies: Nil

23. Awards / Recognitions received by faculty and students:

| S. No | Name of the Student & Reg.No | Award & Year                             | Organizing Agency        |
|-------|------------------------------|--|--------------------------|
| 1     | Nathiya.V<br>U1120201894     | University Rank Holder 6th - Rank - 2014 | Thiruvalluvar University |

24. List of eminent academicians and scientists / visitors to the department

| S. No | Year | Name                 | Designation  |
|-------|------|----------------------|--|
| 1     | 2011 | Dr. Savithri Devaraj | Former Principal<br>K.N. Arts College, (Autonomous) Tanjore.   |
| 2     | 2012 | Mr. V. Ragavendran   | Assistant Professor<br>Department of Science & Humanities,<br>SCSVMV University, Kanchipuram..                         |
| 3     | 2013 | Mr. C.T.Ravichandran | Head,<br>Department of Chemistry,<br>Arignar Anna Govt Arts College, Cheyyar.<br>Chennai                               |
| 4     | 2014 | Dr.Niranjali Devaraj | Chair person- School of life Sciences,<br>University of Madras, Chennai  |
| 5     | 2014 | Dr.E.Murugan         | Professor & Head,<br>Department of Material Science,<br>School of Chemical Sciences,<br>University of Madras, Chennai. |
| 6     | 2015 | Dr. E. Preetham      | Assistant Professor of Biochemistry, Fisheries<br>& ocean studies of Kerala University.                                |

25. Seminars/ Conferences/Workshops organized & the source of funding a) National

b) International

- As we have secured 12(B) Status in the academic year 2015. We have planned to get funding from various funding agencies to organize various activities.
- Seminars, National level seminar & Workshop were organized by the Management fund.

### SEMINARS

| S. No | Date       | Title of the Seminar                             | Resource Person `  | Total no. of participants |
|-------|------------|--|--|---------------------------|
| 1     | 13-09-2011 | Recent Trends in Chemistry with Instrumentation. | Dr. Savithri Devaraj,<br>Former Principal<br>K.N. Arts College,<br>(Autonomous) Tanjore.                                 | 110                       |
| 2     | 07-02-2013 | Spectroscopy-2013                                | Mr.V.Ragavendran,<br>Assistant Professor<br>Department of Science &<br>Humanities,<br>SCSVMV University,<br>Kancheepuram | 130                       |
| 3     | 24-02-2014 | Advantages of Green Chemistry.                   | Mr. C.T.Ravichandran<br>Head,<br>Department of Chemistry,<br>Arignar Anna Govt Arts<br>College, Cheyyar.                 | 157                       |

### NATIONAL LEVEL SEMINAR

| S.No | Date       | Title   | Resource Person `  | No. of Participants |
|------|------------|---|--|---------------------|
| 1    | 10-10-2014 | The Wonderful World of Glycobiology and Glycotechnology   | Dr.Niranjali Devaraj<br>Chair person- School of life Sciences, University of Madras, Chennai   | 150                 |
|      | 10-10-2014 | New CNT Dendrimer nanohybrids for sensor drug delivery and bone tissue engineering application. | Dr.E.Murugan<br>Professor & Head,<br>Department of Material Science,<br>School of Chemical Sciences,<br>University of Madras, Chennai. | 150                 |
|      | 11-10-2014 | Metagenomics  | Dr. Amutha Santhanam,<br>Associate professor of<br>Biotechnology,<br>Thiruvalluvar university.   | 160                 |
|      | 11-10-2014 | Vaccine and their importance  | Ms. P. Saradhai,<br>Assistant professor of<br>Biochemistry<br>Presidency college, Chennai.   | 160                 |

## WORKSHOP

| S. No | Date       | Title                                       | Resource person   | No. of Participants |
|-------|------------|---|---|---------------------|
| 1     | 19.09.2015 | Scope and Destination of life science paths | Dr. E. Preetham, Assistant Professor of Biochemistry, Fisheries & ocean studies of Kerala University. | 450                 |

26. Student profile programme/course wise:

| Academic year | Name of the Course/programme (refer question no. 4) | Applications received | Selected | Enrolled |    | Pass percentage |
|---------------|---|-----------------------|----------|----------|----|-----------------|
|               |   |                       |          | *M       | *F |                 |
| 2010-2013     | B.Sc - Chemistry                                    | 61                    | 55       | 0        | 55 | 90.9%           |
| 2011-2014     | B.Sc - Chemistry                                    | 56                    | 55       | 0        | 55 | 82%             |
| 2012-2015     | B.Sc - Chemistry                                    | 56                    | 55       | 0        | 53 | 93.45%          |
| 2013-2015     | M.Sc - Chemistry                                    | 12                    | 13       | 0        | 13 | 100%            |

27. Diversity of Students

| S. No | Academic Year | Name of the Course | % of students from the same state | % of students from other States | % of students from abroad |
|-------|---------------|--------------------|-----------------------------------|---------------------------------|---------------------------|
| 1     | 2010-2013     | B.Sc., Chemistry   | 100%                              | Nil                             | Nil                       |
| 2     | 2011-2014     | B.Sc., Chemistry   | 100%                              | Nil                             | Nil                       |
| 3     | 2012-2015     | B.Sc., Chemistry   | 100%                              | Nil                             | Nil                       |
| 4     | 2013 - 2016   | B.Sc., Chemistry   | 100%                              | Nil                             | Nil                       |
| 4     | 2013-2015     | M.Sc., Chemistry   | 100%                              | Nil                             | Nil                       |
| 5     | 2014-2016     | M.Sc., Chemistry   | 100%                              | Nil                             | Nil                       |

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.? - Nil

29. Student progression:

| S.NO | ACADEMIC YEAR (out gone Batch) | U.G to P.G | P.G to M. Phil., | Employed         |                               | Entrepreneurship/ Self-employment |
|------|--------------------------------|------------|------------------|------------------|-------------------------------|-----------------------------------|
|      |                                |            |                  | Campus selection | Other than campus recruitment |                                   |
| 1    | 2010 - 2013                    | 35.6%      | Nil              | Nil              | 10%                           | 20%                               |
| 2    | 2011 - 2014                    | 41.7%      | Nil              | Nil              | 13%                           | 21%                               |
| 3    | 2012 - 2015                    | 49.0%      | 25%              | Nil              | Nil                           | Nil                               |

30. Details of Infrastructural facilities

a) Library

- Our College General Library having individual section for the Mentioned below
  - Journal section
  - Reference section
  - Back volume of Journals
  - Thesis
  - Individual section for the all the department books.
  - Competitive examination books

b) Internet facilities for Staff & Students

- Internet facilities available for the chemistry departments
- Internet facilities available in the library for the staff & students.

c) Class rooms with ICT facility - Nil

d) Laboratories

1. B. Sc., Chemistry Lab

2. M. Sc., Chemistry Lab

31. Number of students receiving financial assistance from college, University, Government or other agencies

| S. No | Academic year | B.Sc., Chemistry - No. of S.C Students (From Government) |         |          | Uzhavar scholarship |
|-------|---------------|--|---------|----------|---------------------|
|       |               | I YEAR   | II YEAR | III YEAR |                     |
| 1     | 2010-2011     | 4  | Nil     | Nil      | 28                  |
| 2     | 2011-2012     | 2  | 4       | Nil      | Nil                 |
| 3     | 2012-2013     | 10   | 2       | 4        | Nil                 |
| 4     | 2013-2014     | 10   | 10      | 2        | Nil                 |
| 5     | 2014-2015     | 6  | 10      | 11       | Nil                 |

| S. No | Academic year | M.Sc., Chemistry - No. of S.C Students (From Government) |         | Uzhavar scholarship |
|-------|---------------|--|---------|---------------------|
|       |               | I YEAR   | II YEAR |                     |
| 1     | 2013-2014     | 2  | Nil     | Nil                 |
| 2     | 2014-2015     | 3  | 2       | Nil                 |

32. Details on student enrichment programmes (Special lectures / workshops / seminar) with external experts.

| S. No | Academic Year | Enrichment Program | No Of Students Participated |
|-------|---------------|--------------------|-----------------------------|
| 1     | 2011 - 2012   | Seminar            | 102                         |
|       |               | Industrial Visit   | 48                          |

|   |             |                        |     |
|---|-------------|------------------------|-----|
| 2 | 2012 – 2013 | Seminar                | 130 |
|   |             | Industrial Visit       | 50  |
| 3 | 2013 – 2014 | Seminar                | 152 |
| 4 | 2014 – 2015 | National Level Seminar | 78  |
| 5 | 2015 – 2016 | Workshop               | 67  |

33. Teaching methods adopted to improve student learning

- O.H.P
- LCD Projector
- Power Point Presentation
- Audio-Visual aids (films and videos on subject related topics)
- Group Discussion Method
- Debates and quiz
- News paper articles
- Book reviews and reference to journal articles
- INFLIBNET facilities have been activated to M.Sc., Students & Faculties.
- NPTEL video lectures
- Demonstration through virtual lab.

34. Participation in Institutional Social Responsibility (ISR) and Extension activities:

| S. No | Name Of The Club        | No. of Students Involved |
|-------|-------------------------|--------------------------|
| 1     | National Service Scheme | 40                       |
| 2     | Youth Red Cross         | 25                       |
| 3     | Red Ribbon Club         | 25                       |
| 4     | ECO Club                | 63                       |
| 5     | LEO Club                | 26                       |
| 6     | Fine Arts               | 23                       |

35. SWOC analysis of the department and Future plans

| Strength   | Weakness   | Opportunities   | Challenges   |
|--|--|---|--|
| <ul style="list-style-type: none"> <li>➤ The faculties of the department are well qualified.</li> <li>➤ We are actively engaged in research.</li> <li>➤ Student's performance is monitored according to the parameters evolved for CIA.</li> <li>➤ Visiting Industry professionals give our students the practical approach to the various theoretical aspects learnt</li> </ul> | <ul style="list-style-type: none"> <li>➤ Students do not regular use of the books in the Library</li> <li>➤ Most of the Students coming from rural areas. So their learning speed is low.</li> </ul> | <ul style="list-style-type: none"> <li>➤ Internet facility available to browse study materials.</li> <li>➤ The Department has a good publication books for students.</li> </ul> | <ul style="list-style-type: none"> <li>➤ To prepare the students to take CSIR and UGC JRF/NET examinations.</li> <li>➤ To apply for research projects</li> </ul> |

#### Future plans:

- The department has planned to introduce M. Phil., courses in Chemistry.
- Organizing State and National Level Seminars sponsored by UGC.
- Organizing National Level Competitions for the students.
- Conducting more guest lecturers inviting expertise from the various universities.
- Entrepreneurial spirit – E-cell: the department plans to develop the E- Cell into a functional unit with a proper structure and a diary of entrepreneurial activities.
- Expose our students to various programmes that are held in other colleges in India and abroad

## EVALUATIVE REPORT OF THE DEPARTMENTS

- 1.Name of the department : **MATHEMATICS**
- 2.Year of establishment : **B.Sc., MATHEMATICS – 2002**  
**M.Sc., MATHEMATICS – 2005**  
**M.Phil., MATHEMATICS - 2010**
- 3.Names of programmes : **B.Sc., MATHEMATICS**  
/ courses offered **M.Sc., MATHEMATICS**  
**RESEARCH- M.Phil., MATHEMATICS**
- 4.Names of interdisciplinary courses and the departments /units involved:

| Class                      | Subject | Offered to the other Department    |
|----------------------------|---------|------------------------------------|
| I BCA                      | Allied  | Department of Computer Application |
| II B.COM                   | Major   | Department of Commerce             |
| III B.Sc.,Biochemistry     | SBS     | Department of Biochemistry         |
| II B.Sc., Chemistry        | Allied  | Department of Chemistry            |
| I B.Sc., Computer Science  | Allied  | Department of Computer Science     |
| II B.Sc., Computer Science | Allied  | Department of Computer Science     |
| II B.Sc., Microbiology     | Allied  | Department of Microbiology         |
| II B.Sc., Physics          | Allied  | Department of Physics              |
| I M.Com.,                  | Major   | Department of Commerce             |

- 5.Annual / Semester / Choice based credit system (programme wise):

**B.Sc.,Mathematics - CBCS**

**M.Sc.,Mahematics - CBCS**

**M.Phil.,Mathematics - CBCS**

- 6.Participation of the department in the courses offered by other departments:

| Class              | Subject            | Offered by the Other Department |
|--------------------|--------------------|---------------------------------|
| B.Sc., Mathematics | Non Major Elective | Department of BCA               |
| B.Sc., Mathematics | Major              | Department of Computer science  |

7. Courses in collaboration with other universities, industries, foreign institutions, etc.: **Nil**

8. Details of courses / programmes discontinued (if any) with reasons: **Nil**

9. Number of teaching posts

|                             | Sanctioned | Filled           |
|-----------------------------|------------|------------------|
| <b>Professors</b>           | -          | -                |
| <b>Associate Professors</b> | -          | -                |
| <b>Assistant Professors</b> | <b>14</b>  | <b>12 + 2 GL</b> |

10. Faculty profile with name, qualification, designation, specialization, (D.Sc., / D.Litt., Ph.D., / M.Phil., etc.):

| S. No | Name               | Qualification         | Designation            | Specialization      | Number of Years of Experience | No. of Ph.D./ M.Phil., Students guided for the last 4 years |
|-------|--------------------|-----------------------|------------------------|---------------------|-------------------------------|---|
| 1     | Ms.P.Revathi       | M.Sc.,M.Phil.,B.Ed.,  | Head & Asst. Professor | Graph Theory        | 4 Yrs                         | NA  |
| 2     | Ms.E.Kalaivani     | M.Sc.,M.Phil.,B.Ed.,  | Asst. Professor        | Graph Theory        | 2 Yrs                         | NA  |
| 3     | Ms.P.Tamizharasi   | M.Sc.,M.Phil.,B.Ed.,  | Asst. Professor        | Operations Research | 2 Yrs                         | NA  |
| 4     | Ms.V.Ramya         | M.Sc.,M.Phil.,B.Ed.,  | Asst. Professor        | Operations Research | 2 Yrs                         | NA  |
| 5     | Ms.P.L.Meenakshi   | M.Sc.,M.Phil.,B.Ed.,  | Asst. Professor        | Graph Theory        | 2 Yrs                         | NA  |
| 6     | Ms.E.Samundeeswari | M.Sc.,M.Phil., B.Ed., | Asst. Professor        | Operations Research | 2 Yrs                         | NA  |
| 7     | Mrs.P.Poornima     | M.Sc., B.Ed.,         | Asst. Professor        | -                   | 2 Yrs                         | NA  |
| 8     | Ms.R.Sharmila      | M.Sc.,                | Asst. Professor        | -                   | 2 Yrs                         | NA  |
| 9     | Ms.R.Padmajothi    | M.Sc.,M.phil.,        | Asst. Professor        | Graph Theory        | 2 Yrs                         | NA  |
| 10    | Mrs.K.Kalaiyarasi  | M.Sc., M.Phil.,B.Ed., | Asst. Professor        | Graph Theory        | 1 Yr                          | NA  |
| 11    | Ms.B.Bharathi      | M.Sc.,Mphil.,B.Ed.,   | Asst. Professor        | Fuzzy Mathematics   | 3 Months                      | NA  |
| 12    | Mrs.B.Sudha        | M.Sc.,M.Phil.,B.Ed.,  | Asst. Professor        | Graph Theory        | 2 Months                      | NA  |
| 13    | Ms.C.Narmatha      | M.Sc.,M.Phil.,        | Asst. Professor        | Functional Analysis | 1 Months                      | NA  |
| 14    | Ms.D.Kowsalya      | M.Sc.,M.Phil.,        | Asst. Professor        | Functional Analysis | 1 Month                       | NA  |

11. List of senior visiting faculty : **Nil**

12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty : **14%**

13. Student – Teacher ratio

| Course                   | Ratio       |
|--------------------------|-------------|
| <b>B.Sc.,Mathematics</b> | <b>29:1</b> |
| <b>M.Sc.,Mathematics</b> | <b>3:1</b>  |



14.Number of academic support staff (technical ) an administrative staff ; sanctioned and filled : Centralized Administration

15.Qualifications of teaching faculty with D.Sc./ D.litt./Ph.D./M.Phil./PG:

| <b>No.of teaching faculty</b> | <b>M.Sc</b> | <b>M.Phil</b> |
|-------------------------------|-------------|---------------|
| 14                            | 2           | 12            |

16.Number of faculty with ongoing projects from a)National B)International funding agencies and grants received : **Nil**

17.Departmental projects funded by DST – FIST ; UGC , DBT , ICSSR, etc., and total grants received : **Nil**

18.Research center / facility recognized by the university : **Nil**

## 19.Publications:

| S. No | Name & Designations                            | Publication Particulars  | Journals Name             | ISBN/ISSN     |
|-------|--|--|---------------------------|---------------|
| 1     | <b>P.REVATHI</b><br>Head & Assistant professor | A Study on Decomposition of Homogeneous Modules of finite groups in Characteristic zero        | Asia Pacific Journal      | 2320-5504     |
|       |  | A Study on the b-chromatic number of cubic graphs  | National Level Conference | 9788181241436 |
| 2     | <b>E.KALAIVANI</b><br>Assistant professor      | Role of computers in Eaming trigonometric functions  | Asia Pacific Journal      | 2320-5504     |
|       |  | Edge odd graceful labeling of the paths using padavon sequence                                 | National Level Conference | 9788181241436 |
| 3     | <b>P.TAMIZHARASI</b><br>Assistant professor    | Research experiences of advanced Mathematics for high school students                          | Asia Pacific Journal      | 2320-5504     |
|       |  | Chrodal graphs of subgraph trees in graph theory   | National Level Conference | 9788181241436 |
| 4     | <b>V.RAMYA</b><br>Assistant professor          | Study of set theory in linear Algebra  | Asia Pacific Journal      | 2320-5504     |
|       |  | (1) Antimagic Labelling (2) Triple Domination In Graphs  | National Level Conference | 9788181241436 |
|       |  | Q* Homeomorphisms in Topological Spaces  | IJRASET                   | 2321-9653     |
| 5     | <b>P.L.MEENAKSHI</b><br>Assistant professor    | The concept of integration of complex numbers in undergraduate ordinary differential equations | Asia Pacific Journal      | 2320-5504     |
|       |  | Eight colours for double floor building  | National Level Conference | 9788181241436 |
| 6     | <b>E.SAMUNDEESWARI</b><br>Assistant professor  | Ability of algebra students to recognize multiple achievements and representations             | Asia Pacific Journal      | 2320-5504     |
|       |  | Decomposition of graphs  | National Level Conference | 9788181241436 |

|    |   |   |                           |               |
|----|---|---|---------------------------|---------------|
| 7  | <b>P.POORNIMA</b><br>Assistant professor    | An approach to develop sine and cosine functions in the taxicab plane           | Asia Pacific Journal      | 2320-5504     |
|    |   | Graceful labeling graphs  | National Level Conference | 9788181241436 |
| 8  | <b>R.SHARMILA</b><br>Assistant professor    | The concept of subtractive black Holes and black Loops                          | Asia Pacific Journal      | 2320-5504     |
|    |   | Structure of cantor type sets in $r^2$ and $r^3$ with study of their properties | National Level Conference | 9788181241436 |
| 9  | <b>R.PADMAJOTHI</b><br>Assistant professor  | A study of trigonometry using earth geometry and the great circle               | Asia Pacific Journal      | 2320-5504     |
|    |   | Covering the lines of a graph by three odd subgraph                             | National Level Conference | 9788181241436 |
| 10 | <b>K.KALAIYARASI</b><br>Assistant professor | An extension of the buffon needle problem                                       | Asia Pacific Journal      | 2320-5504     |
|    |   | Inducing regulation of any digraph  | National Level Conference | 9788181241436 |
| 11 | <b>D.BHARATHI</b><br>Assistant professor    | Exponentials of ordinary differential equations                                 | Asia Pacific Journal      | 2320-5504     |
|    |   | Application of hand-shaking theorem   | National Level Conference | 9788181241436 |
| 12 | <b>B.SUDHA</b><br>Assistant professor       | The impact of technology tools in the teaching and learning integral calculus   | Asia Pacific Journal      | 2320-5504     |
|    |   | Necessary condition for the existence of a G-decomposition                      | National Level Conference | 9788181241436 |
| 13 | <b>C.NARMATHA</b><br>Assistant professor    | Decomposition of complete bipartite and tripartite graphs into cycles and paths | National Level Conference | 9788181241436 |

20.Areas of consultancy and income generated : Nil

21.Faculty as members in a)National committees b)International Committees c)Editorial boards  
: Nil

22.Student projects

a) Percentage of students who have done in-house projects including inter departmental / programme:

| Year        | Programme | Out House Project | Percentage |
|-------------|-----------|-------------------|------------|
| 2010 - 2011 | M.Phil.,  | 04                | 100 %      |
| 2011 - 2012 | M.Phil.,  | 04                | 100 %      |
| 2012 - 2013 | M.Phil.,  | 21                | 100%       |
| 2013 - 2014 | M.Phil.,  | 18                | 100%       |

b) Percentage of students placed for projects in organizations outside the institution (i.e) in Research laboratories / Industry /other agencies: Nil

23.Awards / Recognitions received by faculty and students:

| S. No | Name And Register Number   | Award and Year                        | Organizing Agency                    |
|-------|----------------------------|---------------------------------------|--------------------------------------|
| 1     | R .Hamavathy<br>2526685    | Univeresity 4 <sup>th</sup> Rank 2007 | Thiruvalluvar University,<br>Vellore |
|       | E.Sumathi<br>2526731       | Univeresity 7 <sup>th</sup> Rank 2007 |                                      |
| 2     | L.Mohana<br>2626611        | Univeresity 1 <sup>st</sup> Rank 2008 | Thiruvalluvar University,<br>Vellore |
| 3     | K.Bhavani<br>2751370       | University 3 <sup>rd</sup> rank 2009  | Thiruvalluvar University,<br>Vellore |
|       | P.Usha nandhini<br>2751380 | University 5 <sup>th</sup> rank 2009  |                                      |
|       | R.Suguna<br>2751378        | University 6 <sup>th</sup> rank 2009  |                                      |
|       | N.Saranya<br>2751373       | University 7 <sup>th</sup> rank 2009  |                                      |
|       | C.Maheswari<br>2751373     | University 8 <sup>th</sup> rank 2009  |                                      |
|       | L.Kanagavalli<br>2751372   | University 9 <sup>th</sup> rank 2009  |                                      |
| 4     | M.Rajeswari<br>2793245     | University 3 <sup>rd</sup> rank 2010  | Thiruvalluvar University,<br>Vellore |
|       | S.Sujatha<br>2851177       | University 2 <sup>nd</sup> rank 2010  |                                      |
|       | R.Geetha<br>2851173        | University 6 <sup>th</sup> rank 2010  |                                      |
| 5     | S.Subaitha-al-hazena       | University 6 <sup>th</sup> rank 2012  | Thiruvalluvar University,            |

|   |                                |                                      |                                      |
|---|--------------------------------|--------------------------------------|--------------------------------------|
|   | 2993489                        |                                      | Vellore                              |
|   | E.Sathya<br>1052197            | University 6 <sup>th</sup> rank 2012 |                                      |
|   | D.Devibala<br>1052188          | University 9 <sup>th</sup> rank 2012 |                                      |
|   | G.Janaki<br>1052192            | University 9 <sup>th</sup> rank 2012 |                                      |
| 6 | G.Benazir<br>1036179           | University 5 <sup>th</sup> rank 2013 | Thiruvalluvar University,<br>Vellore |
|   | V.Rekha<br>1036262             | University 5 <sup>th</sup> rank 2013 |                                      |
|   | N.Suganya<br>1036288           | University 8 <sup>th</sup> rank 2013 |                                      |
| 7 | M.J.Sivaranjani<br>U1120102567 | University 4 <sup>th</sup> rank 2014 | Thiruvalluvar University,<br>Vellore |
|   | S.Thilaga<br>U1120102587       | University 8 <sup>th</sup> rank 2014 |                                      |

24. List of eminent academicians and scientists / visitors to the department :

| S. No | Year      | Resoure Person & Designation  | Institution   |
|-------|-----------|---|---|
| 1.    | 2006-2007 | Dr.P.R.Vittal,M.Sc.,M.Phil.,Ph.D.,<br>Associate Professor   | Head, Department of<br>mathematics,<br>RKM Vivekananda college,<br>Chennai. |
| 2.    | 2007-2008 | Dr.A.Annamalai,M.Sc.,M.Phil.,Ph.D.,<br>Assistant Professor<br>Dr.S.J.Venkatesan,M.Sc.,M.Phil.,B.Ed.,Ph.D.,<br>Assistant Professor | Govt. Arts college, T.V.Malai<br>Govt. Arts college, cheyyar                |
| 3.    | 2008-2009 | Dr.U.Rizwan,M.Sc.,M.Phil.,B.Ed.,PGDCA.,Ph.D.,<br>Assistant Professor  | Islamiah college,<br>Vaniyambadi.   |
| 4.    | 2009-2010 | Dr.K.Balamurugan,M.Sc.,M.Phil.,Ph.D.,<br>Assistant Professor  | Govt. Arts college, T.V.Malai   |
| 5.    | 2010-2011 | Dr.H.P.Patil,M.Sc.,Ph.D.,<br>Professor  | Pondicherry university  |
| 6.    | 2011-2012 | Dr.K.Balamurugan,M.Sc.,M.Phil.,Ph.D.,<br>Associate Professor  | Govt. Arts college, T.V.Malai   |
| 7.    | 2012-2013 | Dr.S.J.Venkatesan,M.Sc.,M.Phil.,B.Ed.,Ph.D.,<br>Assistant Professor   | Govt. Arts college Cheyyar  |
| 8.    | 2013-2014 | Dr.M.Arunkumar,M.Sc.,M.Phil.,Ph.D.,<br>Assistant Professor  | Govt. Arts college, T.V.Malai   |
| 9.    | 2014-2015 | Dr.P.Elumalai,M.Sc.,M.Phil.,B.Ed.,HDSE.,Ph.D.,<br>Assistant Professor   | Govt. Arts college, T.V.Malai   |

25. Seminars / Conferences/ Workshops organized and the source of funding

- a) National
- b) International

### SEMINAR

| S. No | Date       | Title of the Seminar                                  | Resource Person & Designation  | Institution  | No. of Students Participated |
|-------|------------|---|--|--|------------------------------|
| 1.    | 04.12.2006 | Applications of Mathematics in social science         | Dr.P.R. Vittal,M.Sc.,M.Phil.,Ph.D.,<br>Associate Professor   | Head, Department of mathematics, RKM Vivekananda college, Chennai. | 203                          |
| 2.    | 05.01.2008 | Applications of Mathematics Probability Theory        | Dr.A. Annamalai,M.Sc.,M.Phil.,Ph.D.,<br>Assistant Professor<br>Dr.S.J.Venkatesan,M.Sc.,M.Phil.,B.Ed.,<br>Ph.D.,<br>Assistant Professor | Govt. Arts college, T.V.Malai Govt. Arts college, cheyyar          | 205                          |
| 3.    | 11.10.2008 | Mathematical Modelling                                | Dr.U.Rizwan,M.Sc.,M.Phil.,B.Ed.,PGD CA.,Ph.D.,<br>Assistant Professor  | Islamiah college, Vaniyambadi.                                     | 209                          |
| 4.    | 20.02.2010 | Applications of Mathematics                           | dr.K.Balamurugan,M.Sc.,M.Phil.,Ph.D.,<br>Assistant Professor   | Govt. Arts college, T.V.Malai                                      | 230                          |
| 5.    | 18.02.2011 | Applications in Graph theory                          | Dr.H.P.Patil,M.Sc.,Ph.D.,<br>Professor   | Pondicherry university   | 308                          |
| 6.    | 18.10.2011 | Important and milestone in the History of mathematics | Dr.K.Balamurugan,M.Sc.,M.Phil.,Ph.D.,<br>Associate Professor   | Govt. Arts college, T.V.Malai                                      | 373                          |
| 7.    | 19.02.2013 | Queuing Theory  | Dr.S.J.Venkatesan,M.Sc.,M.Phil.,B.Ed.,<br>Ph.D.,<br>Assistant Professor  | Govt. Arts college Cheyyar   | 428                          |
| 8.    | 18.02.2014 | Numbers   | Dr.M.Arunkumar,M.Sc.,M.Phil.,Ph.D.,<br>Assistant Professor   | Govt. Arts college, T.V.Malai                                      | 454                          |
| 9.    | 04.02.2015 | Fuzzy Mathematics                                     | Dr.P.Elumalai,M.Sc.,M.Phil.,B.Ed.,HD SE.,Ph.D.,<br>Assistant Professor   | Govt. Arts college, T.V.Malai                                      | 492                          |

#### National Level Conference

| S.No | Date                             | Title of The Seminar      | Resource Persons and Designation        | Institution   | Number of Students Participated |
|------|----------------------------------|---------------------------|---|---|---------------------------------|
| 1    | 27.08.2015<br>Day I<br>Session-I | Fuzzy optimization models | Dr.A.Nagoor Gani<br>Associate Professor | PG& Research Department of mathematics,<br><br>Jamal Mohamed college(Autonomous), Thiruchirapalli | 518                             |

|   |                                   |  |   |  |     |
|---|-----------------------------------|--|---|--|-----|
| 2 | Day I<br>Session-II               | New operations on fuzzy matrices                         | Dr.S.Sriram<br>Professor,               | Mathematics section,<br>Faculty of<br>Engineering and<br>Technology,<br>Annamalai<br>University,<br>Chithambaram | 518 |
| 3 | 28.08.2015<br>Day II<br>Session-I | Mathematical<br>Modeling on<br>Differential<br>Equations | Dr.M.Chitra,<br>Associate<br>Professor, | Thiruvalluvar<br>University, Vellore.  | 523 |

26.Student profile programme / course wise:

| Name of the course / programme | Applications received | Selected | Enrolled | Pass Percentage |
|--------------------------------|-----------------------|----------|----------|-----------------|
| B.Sc.,<br>2006-2009            | 60                    | 58       | 58       | 96.49%          |
| 2007-2010                      | 69                    | 69       | 69       | 92.53%          |
| 2008-2011                      | 72                    | 70       | 70       | 75%             |
| 2009-2012                      | 80                    | 76       | 76       | 95%             |
| 2010-2013                      | 140                   | 139      | 139      | 87%             |
| 2011-2014                      | 146                   | 137      | 13       | 84%             |
| 2012-2015                      | 139                   | 127      | 127      | 91.66%          |
| M.Sc.,2006-2008                | 08                    | 08       | 08       | 75%             |
| 2007-2009                      | 16                    | 13       | 13       | 75%             |
| 2008-2010                      | 07                    | 06       | 06       | 100%            |
| 2009-2011                      | 30                    | 16       | 16       | 100%            |
| 2010-2012                      | 15                    | 14       | 14       | 93%             |
| 2011-2013                      | 15                    | 14       | 14       | 86%             |
| 2012-2014                      | 30                    | 29       | 29       | 96%             |
| 2013-2012                      | 29                    | 29       | 29       | 86.20%          |
| M.Phil.,2010-2011              | 06                    | 04       | 04       | 100%            |
| 2011-2012                      | 06                    | 04       | 04       | 100%            |
| 2012-2013                      | 25                    | 21       | 21       | 100%            |
| 2013-2014                      | 20                    | 18       | 18       | 100%            |

27.Diversity of students

| <b>Name of the course</b>  | <b>% of students from the same state</b> | <b>% of students from other states</b> | <b>% of students from abroad</b> |
|----------------------------|--|--|----------------------------------|
| B.Sc.,<br>2006-2009        | 100%                                     | Nil                                    |                                  |
| 2007-2010                  | 100%                                     | Nil                                    | Nil                              |
| 2008-2011                  | 100%                                     | Nil                                    | Nil                              |
| 2009-2012                  | 100%                                     | Nil                                    | Nil                              |
| 2010-2013                  | 100%                                     | Nil                                    | Nil                              |
| 2011-2014                  | 100%                                     | Nil                                    | Nil                              |
| 2012-2015                  | 100%                                     | Nil                                    | Nil                              |
| 2013-2016                  | 100%                                     | Nil                                    | Nil                              |
| 2014-2017                  | 100%                                     | Nil                                    | Nil                              |
| <b>M.Sc.,</b><br>2006-2008 | 100%                                     | Nil                                    | Nil                              |
| 2007-2009                  | 100%                                     | Nil                                    | Nil                              |
| 2008-2010                  | 100%                                     | Nil                                    | Nil                              |
| 2009-2011                  | 100%                                     | Nil                                    | Nil                              |
| 2010-2012                  | 100%                                     | Nil                                    | Nil                              |
| 2011-2013                  | 100%                                     | Nil                                    | Nil                              |
| 2012-2014                  | 100%                                     | Nil                                    | Nil                              |
| 2013-2015                  | 100%                                     | Nil                                    | Nil                              |
| 2014-2016                  | 100%                                     | Nil                                    | Nil                              |
| M.Phil.,<br>2010-2011      | 100%                                     | Nil                                    | Nil                              |
| 2011-2012                  | 100%                                     | Nil                                    | Nil                              |
| 2012-2013                  | 100%                                     | Nil                                    | Nil                              |
| 2013-2014                  | 100%                                     | Nil                                    | Nil                              |

28.How many students have cleared national and state competitive examinations such as NET,SLET,GATE,Civil services, Defence services etc.,? **Nil**

29.Student progression



| Student Progression  | Against % Enrolled |           |           |           |           |           |           |           |           |
|--|--------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
|  | 2006-2007          | 2007-2008 | 2008-2009 | 2009-2010 | 2010-2011 | 2011-2012 | 2012-2013 | 2013-2014 | 2014-2015 |
| UG-PG  | 77.41              | 98.36     | 96.49     | 98.39     | 41.79     | 76.34     | 40        | 68        | 65        |
| PG-M.Phil  | 85.71              | 66.67     | 33.33     | 50        | 33.33     | 87        | 75        | 70        | 83        |
| PG-Ph.D  | Nil                | Nil       | Nil       | Nil       | Nil       | 7.14      | Nil       | Nil       | Nil       |
| Ph.D to post Doctoral                                      | Nil                | Nil       | Nil       | Nil       | Nil       | Nil       | Nil       | Nil       | Nil       |
| Employed<br>Campus selection other than campus requirement | Nil                | Nil       | Nil       | Nil       | 45        | 53        | 48        | 67        |           |
| Entrepreneurship/Self employment                           | Nil                | Nil       | Nil       | Nil       | 13        | 08        | 17        | 06        |           |

### 30.Details of Infrastructural facilities

a) Library

#### **Books , Journals and e-materials are available**

- b)Internet facilities for staff and students - Available  
c)Class room with ICT facility - Available  
d)Laboratories - Not applicable

31.Number of students receiving financial assistance from college , university , government or other agencies:

#### **FINANCIAL ASSISTANCE FROM GOVERNMENT**

| Year      | Course | BC | MBC | SC | Uzhavar | Others |
|-----------|--------|----|-----|----|---------|--------|
| 2006-2007 | UG     | 50 | 49  | 18 |         |        |
| 2007-2008 |        | 28 | 13  | 02 |         |        |
| 2008-2009 |        | 46 | 34  | 13 |         |        |
| 2009-2010 |        |    |     | 04 | 84      |        |
| 2010-2011 |        |    |     |    | 105     | 56     |

|           |    |    |    |    |    |    |
|-----------|----|----|----|----|----|----|
| 2011-2012 |    |    |    | 24 |    |    |
| 2012-2013 |    |    |    | 31 |    |    |
| 2013-2014 |    |    |    | 47 |    |    |
| 2006-2007 | PG | 07 | 01 | 03 |    |    |
| 2007-2008 |    | 01 | 01 |    |    |    |
| 2008-2009 |    | 01 |    |    |    |    |
| 2009-2010 |    |    |    | 02 | 05 |    |
| 2010-2011 |    |    |    |    | 05 | 05 |
| 2013-2014 |    |    |    | 06 |    |    |

32.Details on student enrichment programmes (special lectures / Workshops / Seminar ) with external experts:

Students enrichment programmes such as personality development classes were conducted , in which various aspects such as development of self-confidence , communication skills , management of time were concerned.

33. Teaching methods adopted to improve student learning:

- To improve students learning , some of the teaching methods were adopted such as using of overhead projectors .
- Using power point presentation in the classes. To improve their performance of students , they were given periodic written and oral assessments by conducting tests and evaluation sessions .
- To enrich their subjects knowledge and to get updated students seminars were conducted.
- NPTL video Lectures are available.
- Internet facility available for PG student.

34. Participation in institutional Social Responsibility (ISR) and Extension activities:

| NSS | YRC | RRC | LEO | FINE ARTS | ECO |
|-----|-----|-----|-----|-----------|-----|
| 81  | 93  | 70  | 73  | 31        | 139 |

35.SWOC analysis of the department and Future plans:

#### **STRENGTH**

Availability of all kind of basic external sources from the management  
 Good infrastructure  
 Interested rural students to learn and flourish.

#### **WEAKNESS**

Students with lack of computer knowledge.

Students with poor communication skill.

Lack of computer and internet facilities

Students even with academic excellence don't able to compete with urban students Poor family circumstances

### **OPPORTUNITIES**

Opportunity to attain excellent grade in academics

### **CHALLENGE**

Over coming the family circumstances

Students not getting updated.

## EVALUATIVE REPORT OF THE DEPARTMENT

1. Name of the Department : **MICROBIOLOGY**
2. Year of Establishment : **B.Sc., MICROBIOLOGY-1995**  
**M.Sc., APPLIED., MICROBIOLOGY-1998**  
**M.PHIL., MICROBIOLOGY -2011**
3. Names of Programmes / (Courses offered UG) : **B.Sc., MICROBIOLOGY**  
**M.Sc., APPLIED MICROBIOLOGY**  
**M.PHIL., MICROBIOLOGY**
4. Names of Interdisciplinary courses and the department/units involved : **Nil**
5. Annual / Semester / Choice based credit system (Programme wise)
- B.Sc., - Semester Pattern Choice Based Credit System (CBCS)**
- M.Sc., - Semester Pattern Choice Based Credit System (CBCS)**
- M.Phil- Semester Pattern**
6. Participation of the department in the courses offered by other departments:
- Our UG & PG students participate in the interdisciplinary elective papers and a part of major paper offered by the department of biochemistry and computer science during UG (III & IV semester) and PG (non semester pattern).**
7. Courses in collaboration with other universities, industries, foreign institutions, etc., : **Nil**
8. Details of courses / programmes discontinued (if any) with reasons: **Nil**
9. Number of Teaching Post Sanctioned and Filled (Professor/Associate Professors/Asst. Professors)

|                            | <b>Sanctioned</b> | <b>Filled</b> |
|----------------------------|-------------------|---------------|
| <b>Professor</b>           | -                 | -             |
| <b>Associate Professor</b> | -                 | -             |
| <b>Assistant Professor</b> | <b>9</b>          | <b>9</b>      |

10. Faculty profile with Name, Qualification, Designation, Specialization (2014-2015) / EXISTING

| Sl. No. | Name of the staff    | Qualification                          | Designation         | Specialisation | No. of yrs. of Experience | No. of M.Phil., Students Guided for the last 4 Yrs. |
|---------|----------------------|--|---------------------|----------------|---------------------------|---|
| 1       | Mrs.K.Jagathy        | M.Sc., M.Phil., (Ph.D)                 | Assistant Professor | Microbiology   | 9(UG& PG)<br>4(M.Phil.,)  | 9   |
| 2       | Ms.G.Sarojini        | M.Sc., M.Phil., B.Ed., M.A (YOGA)      | Assistant Professor | Microbiology   | 7& half (UG& PG)          | -   |
| 3       | Mrs.K.Vanmathi selvi | M.Sc., M.Phil., ,DWD., PGDELT., (Ph.D) | Assistant Professor | Microbiology   | 7(UG& PG)<br>4(M.Phil.,)  | 8   |
| 4       | Ms.J.Sujatha         | M.Sc., M.Phil.,DOA (Ph.D)              | Assistant Professor | Microbiology   | 6(UG& PG)<br>3(M.Phil.,)  | 4   |
| 5       | Mrs.G.Sudha supriya  | M.Sc., M.Phil., B.Ed.,DMO., Tally.,    | Assistant Professor | Microbiology   | 4(UG& PG)                 | -   |
| 6       | Ms.V.Vijaya lakshmi  | M.Sc., M.Phil., DMO., (Ph.D)           | Assistant Professor | Microbiology   | 4(UG)<br>2( PG)           | -   |
| 7       | Ms.J.Sangeetha       | M.sc., M.Phil., (Ph.D)                 | Assistant Professor | Microbiology   | 1(UG& PG)                 | -   |
| 8       | Mrs.D.Bharathi       | M.Sc., M.Phil.,Ph.D.,                  | Assistant Professor | Zoology        | 3(UG)                     | -   |
| 9.      | Dr.S.Sivakalai       | M.Sc., M.Phil.,Ph.D.,                  | Assistant Professor | Microbiology   | 4 Months                  | -   |

11. List of senior visiting faculty : Nil

12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty : Nil

13. Student-Teacher Ratio (programme wise)

| S.No. | Programme           | Ratio |
|-------|---------------------|-------|
| 1     | B.Sc., Microbiology | 18:1  |
| 2     | M.Sc., Microbiology | 1:1   |

14. Number of academic support staff (technical) and administrative staff, sanctioned and filled:

| S.No | Sanctioned | Filled |
|------|------------|--------|
| 1    | 2          | 2      |

15. Qualifications of teaching faculty with DSc / D.Litt / Ph,D /Mphil /PG:

**No .of teaching faculty with PG & M.PHIL : 7**

**No .of teaching faculty with Ph.D : 2**

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received : **Nil**

17. Departmental projects funded by DST –FIST; UGC, DBT, ICSSR, etc. and total grants received : **Nil**

18. Research Centre / facility recognized by the University : **Recognized**

**Three Staff Member has acquired M.phil., Guide ship from Thiruvalluvar University, Vellore. 22 M.Phil research scholars are pursuing their research programme in our department.**

19. Publications:

a. Publication per faculty.

Number of papers published in peer reviewed journals (national /International) by faculty and students.

| S.No.  | NAME OF THE AUTHOR                                    | TITLE OF THE ARTICLE   | NAME OF THE JOURNAL VOLUME, ISSUE AND YEAR   | ISSN NO. & IMPACT FACTOR      |
|--|---|--|--|-------------------------------|
| 1  | <b>Mrs.K.Jagathy<br/>(Head &amp; Asst. Professor)</b> | Cultivation of Spirulina ( <i>Arthrospira platensis</i> ) and its use as a food supplement to increase blood haemoglobin level.  | International journal of advanced research in biological science.<br>Vol.1, issue 5,2014 | Issn no:2348-8069<br>IF:0.653 |
| 2  | <b>Ms.G.Sarojini<br/>(Asst. Professor)</b>            | Composting of coir waste using bacteria ( <i>Pseudomonas</i> & <i>Streptococci</i> ) and fungi ( <i>Aspergillus</i> and <i>Rhizopus</i> ) and their effect on sugarcane plant growth | International journal of advanced research in biological science.<br>Vol.1, issue 5,2014 | Issn no:2348-8069<br>IF:0.653 |
| 3  | <b>Mrs.K. Vanmathi selvi<br/>(Asst. Professor)</b>    | Isolation and characterization of silver nanoparticles from <i>Fusarium oxysporum</i> .  | International Journal of Current Microbiology Applied Science (2012) vol.1, issue (1)    | Issn:2319-7706<br>IF:2.015    |
| Isolation, identification and Characterization of <i>Fusarium</i> species from mangrove habitat of Pichavaram,                       |   | International Journal of Current Microbiology Applied Science (2012) vol.2, issue (1)  | Issn:2319-7706<br>IF:2.015   |                               |
| Antihelminthic, anticancer, antioxidant activity of silver Nanoparticles isolated from <i>F.oxysporum</i> .                          |   | International Journal of Current Research in Chemistry and Pharmaceutical Sciences. Vol.1 Issue 1. 2014  | Issn no:2348-5213<br>IF:1.046  |                               |
| Synthesis and Characterization of Silver Nanoparticles from <i>Fusarium oxysporum</i> .  |   | International Journal of Advanced Research in Biological Sciences.vol.1, issue 2 & 2014  | Issn no:2348-8069<br>IF:0.653  |                               |
| Anticancer potentials of secondary metabolites from endophytes of <i>Barringtonia acutangula</i> and its molecular characterization. |   | International Journal of Current Microbiology Applied Science (2012) vol.2, issue (5)  | Issn:2319-7706<br>IF:2.015   |                               |

|    |   |  |  |                               |
|----|---|--|--|-------------------------------|
|    | <b>Mrs.K.Vanmathi Selvi<br/>(Asst. Professor)</b>           | Production and biodegradation potentials of biosurfactant from <i>Pseudomonas aeruginosa</i> isolated from oil polluted water samples. | International journal of advanced research in biological science. Vol.1, issue 1,2014    | Issn no:2348-8069<br>IF:0.653 |
|    |   | Invitro study on antimicrobial activity and phytochemical analysis of <i>Catharanthus roseus</i> against selected bacteria and fungi.  | International journal of advanced research in biological science. Vol.1, issue 5,2014    | Issn no:2348-8069<br>IF:0.653 |
| 4  | <b>Ms.J.Sujatha<br/>(Asst. Professor)</b>                   | Studies on heavy metal removal from industrial effluent using <i>Phormidium bohneri</i> .  | Neoperspective on chemical biochemical and microbial world published by TNBH publishers. | ISBN no: 978-81-7511-051-9    |
| 5  | <b>Mrs.G.Sudha supriya<br/>(Asst. Professor)</b>            | Bioactive compounds from marine microbe <i>Bacillus cereus</i> and their antagonistic activity against human pathogen.                 | International journal of advanced research in biological science. Vol.1, issue 6,2014    | Issn no:2348-8069<br>IF:0.653 |
| 6  | <b>Ms.V.Vijaya lakshmi<br/>(Asst. Professor)</b>            | Biochemical, Microbiological on molecular identification of <i>Candida</i> spp. Based on 18s Rrna markers.                             | International journal of advanced research in biological science. Vol.1, issue 5,2014    | Issn no:2348-8069<br>IF:0.653 |
|    |   | Studies on self life <i>Trichoderma viridae</i> on causava tuber solid waste used as biofertilizer for plants                          | International journal of advanced research in biological science. Vol.1, issue 5,2014    | Issn no:2348-8069<br>IF:0.653 |
| 7  | <b>Ms.J.Sangeetha<br/>(Asst. Professor)</b>                 | Preoperative bacteriological profile and its antibiotic pattern of cataract cases presenting in tertiary eye care hospital in salem.   | International journal of current research vol.3, issue 7, 2011.                          | Issn no:0975-833x<br>IF:3.845 |
| 8  | <b>Dr.S.SIVAKALAI<br/>(Asst. Prof. Of<br/>Microbiology)</b> | Haematological & Biochemical analysis of blood & urine samples from Filariasis Patients  | J.Bio.Sci  | 1815-8846                     |
| 9  |   | Decolourization of direct azo dyes by using bacteria isolated from textile dye effluent  | J.App.Tech.In.Env.Sanitation.  | 2088-3218                     |
| 10 |   | Textile Waste Water Following Purge With <i>Spirulina Platensis</i>  | Romanian J.Biophysics  | 1220-515X                     |



|    |   |  |   |                   |
|----|---|--|---|-------------------|
| 11 |   | Simple And Cost Effective Method For Mass Production Of Entomopathogenic Fungi By Using Naturally Available Substrate. | IJFST   | 2321-0494         |
| 12 | <b>Dr. D. BHARATHI</b><br>(Asst. Prof. Of Zoology department) | Hydro biological features of Kolavoi Lake, Chengalpet  | Indian journal of Environment and Ecoplanning | (ISSN: 0972-1215) |

20. Areas of consultancy and income generated :  
We have planned to cultivate Mushroom, Azolla Biofertilizer, Spirulina and medicinal plants and distribute the same to farmers in a nominal rate and generate income through it.

**21. Faculty as members in**

- a. National committees  
b. International committees  
c. Editorial boards.
- } : **NIL**

**22. Student projects**

| Year        | PG                |                | M.Phil.,          |                |
|-------------|-------------------|----------------|-------------------|----------------|
|             | In House Projects | Other Agencies | In House Projects | Other Agencies |
| 2006 – 2007 | 25                | 75             | ---               | ---            |
| 2007 – 2008 | 50                | 50             | ---               | ---            |
| 2008 – 2009 | 50                | 50             | ---               | ---            |
| 2009 – 2010 | 75                | 25             | ---               | ---            |
| 2010 – 2011 | 50                | 50             | ---               | ---            |
| 2011 – 2012 | 25                | 75             | 50                | 50             |
| 2012 – 2013 | 40                | 60             | 25                | 75             |
| 2013 – 2014 | 100               | ---            | 30                | 70             |
| 2014 – 2015 | 40                | 60             | 25                | 75             |

**23. Awards/Recognitions received by faculty and students.**

| S.NO | NAME of the Faculty                         | Award & Year   | Organizing Agency              |
|------|---|--|--------------------------------|
| 1    | Mrs.K.Jagathy<br>Head & Assistant Professor | University Rank Holder 7 <sup>th</sup><br>Rank at UG Level – 2003    | Madras University              |
|      |   | University Rank Holder<br>2 <sup>nd</sup> Rank at PG Level –<br>2005 | Thiruvalluvar<br>University    |
| 2    | Ms.J.Sangeetha<br>Assistant Professor       | University Rank Holder Ist<br>Rank at UG Level – 2006                | Pondicherry<br>University      |
|      |   | University Rank Holder 6 <sup>th</sup><br>Rank at PG Level – 2008    | Bharathidasan<br>University    |
| 3    | Ms.V.Vijayalakshmi<br>Assistant Professor   | College Level Ist Rank at<br>PG Level                                | Thanthai Hans Rover<br>College |

**UG LEVEL (2006-2014)**

| S.NO | NAME with Reg.No.           | Award & Year   | Organizing Agency           |
|------|-----------------------------|--|-----------------------------|
| 1    | S. Uma mageswari<br>2432155 | University rank Holder<br>4 <sup>th</sup> Rank – 2006                  | Thiruvalluvar<br>University |
| 2    | R. Sasirekha<br>2526776     | University rank Holder<br>6 <sup>th</sup> Rank – 2007                  | Thiruvalluvar<br>University |
| 3    | A. Imranabegum<br>2892559   | University rank Holder<br>5 <sup>th</sup> Rank – 2011                  | Thiruvalluvar<br>University |
| 4    | D.Saranya<br>2996015        | University rank Holder<br>2 <sup>nd</sup> Rank – 2012                  | Thiruvalluvar<br>University |
| 5    | D.Kokila Revathi<br>2996001 | University rank Holder<br>9 <sup>th</sup> Rank – 2012                  | Thiruvalluvar<br>University |
| 6    | S.Devagi<br>21120901136     | University rank Holder<br>2 <sup>nd</sup> Rank – 2014                  | Thiruvalluvar<br>University |
| 7    | U.Parkavi<br>U1120901144    | University rank Holder<br>4 <sup>th</sup> Rank – 2014                  | Thiruvalluvar<br>University |
| 8    | U.Punithavathi              | “Sharan Punith Rock Album”<br>(award with cash price<br>Rs.1,50,000/-) | Sony Company                |

**PG LEVEL (2006-2014)**

| S.NO | NAME with Reg.No.               | YEAR   | RANK                        |
|------|---------------------------------|--|-----------------------------|
| 1    | B. Jeevitha<br>2511331          | University rank Holder<br>9 <sup>th</sup> Rank – 2006  | Thiruvalluvar<br>University |
| 2    | P. Priya<br>2751502             | University rank Holder<br>2 <sup>nd</sup> Rank – 2009  | Thiruvalluvar<br>University |
| 3    | P. Nisha<br>2751501             | University rank Holder<br>4 <sup>th</sup> Rank – 2009  | Thiruvalluvar<br>University |
| 4    | R. Jamunadevi<br>2751495        | University rank Holder<br>8 <sup>th</sup> Rank – 2009  | Thiruvalluvar<br>University |
| 5    | S. Ferthous<br>P1161001017      | University rank Holder<br>7 <sup>th</sup> Rank – 2013  | Thiruvalluvar<br>University |
| 6    | S. Priyadarshini<br>P1161001019 | University rank Holder<br>10 <sup>th</sup> Rank – 2013 | Thiruvalluvar<br>University |
| 7    | P.Komathi<br>1252046            | University rank Holder<br>6 <sup>th</sup> Rank – 2014  | Thiruvalluvar<br>University |

**24. List of eminent academicians and scientists/Visitors to the Department.**

| S. No | Year | Name                  | Designation                     |
|-------|------|-----------------------|---------------------------------|
| 1     | 2007 | Mr.K. Manivannan      | Entamologist                    |
| 2     | 2008 | Dr.P.T.Kalaiselvan    | Associate professor in botany   |
| 3     | 2010 | Dr.R.Lawrence         | Codirector & Asst. Professor    |
|       |      | Dr.S. Palani          | Asst.Professor of Biotechnology |
| 4     | 2011 | Mr.K. Manivannan      | Entamologist                    |
|       |      | Dr.S. Jayalakshmi     | Associate Professor             |
| 5     | 2012 | Mr.P. Balasubramanian | Asst.Professor                  |
| 6     | 2013 | Dr.N. Narasimman      | Junior Rice Breeder             |
| 7     | 2014 | Dr. R. Mutheshilan    | Asst.Professor                  |
|       |      | Dr. AmuthaSanthanam   | Asst.Professor of Biotech       |
|       |      | Ms.P.Saradhai         | Asst.Professor                  |
| 8     | 2015 | Dr.Preetham Elumalai  | Assistant Professor             |

**25. Seminar / conference/ workshop organized and the source of funding**

| YEAR | DATE               | TITLE  | RESOURCE PERSON & DESIGNATION                                 |
|------|--------------------|--|---|
| 1    | 10/11/2006         | workshop on Basic microbiological and biochemical techniques | Funded by Tamil Nadu State council for Science and technology |
| 2    | 27.07.2007         | Awariness on communicable Disease.(Dengue fever)             | Mr.K. Manivannan<br>Entamologist                              |
| 3    | 14-10-2008         | Recent trends of nanotechnology                              | Dr.P.T.Kalaiselvan<br>Associate professor in botany           |
| 4    | 20.12.2010<br>(FN) | Cell biology of drug discovery                               | Dr.Lawrence. R.<br>Codirector & Asst. Professor               |
| 5    | 20.12.2010<br>(AN) | Hepatorenal toxicity in Biochemical approach                 | Dr.S. Palani<br>Asst.Professor of Biotechnology               |
| 6    | 27.07.2011         | Awariness on communicable Disease.(Dengue fever)             | Mr.K. Manivannan<br>Entamologist                              |

|    |            |   |   |
|----|------------|---|---|
| 7  | 27.9.2011  | Marine-Microbial products                 | Dr.S. Jayalakshmi Associate Professor         |
| 8  | 19.10.2012 | Zoonoses- causes & prevention             | Mr.P. Balasubramanian Asst.Professor          |
| 9  | 1.3.2013   | Recent Trends in Modern Science           | Mr.N. Narasimman Junior Rice Breeder          |
| 10 | 14.2.2014  | Microbes are the world                    | Dr. R. Muthezhilan Asst.Professor             |
| 11 | 10.10.2014 | Metagenomics                              | Dr. AmuthaSanthanam Asst.Professor of Biotech |
| 12 | 11.10.2014 | Vaccine & their Importance                | Ms.P.Saradhai Asst.Professor                  |
| 13 | 19.09.2015 | Scope & Destination of Life Science Paths | Dr.Preetham Elumalai Assistant Professor      |

#### 26. Students Profile programme/ Course-Wise:

| Academic Year | Name of the course    | Applications Received | Selected Female | Pass Percentage |
|---------------|-----------------------|-----------------------|-----------------|-----------------|
| 2006-2007     | UG Microbiology       | 35                    | 35              | 94              |
|               | PG Microbiology       | 16                    | 16              | 88              |
| 2007-2008     | UG Microbiology       | 50                    | 46              | 98              |
|               | PG Microbiology       | 18                    | 18              | 94              |
| 2008-2009     | UG Microbiology       | 27                    | 27              | 100             |
|               | PG Microbiology       | 06                    | 06              | 100             |
| 2009-2010     | UG Microbiology       | 29                    | 29              | 96              |
|               | PG Microbiology       | 05                    | 05              | 100             |
| 2010-2011     | UG Microbiology       | 31                    | 31              | 85              |
|               | PG Microbiology       | 21                    | 21              | 90              |
| 2011-2012     | UG Microbiology       | 30                    | 26              | 100             |
|               | PG Microbiology       | 13                    | 13              | 60              |
|               | M.Phil., Microbiology | 10                    | 08              | 100             |
| 2012-2013     | UG Microbiology       | 54                    | 50              | 100             |
|               | PG Microbiology       | 05                    | 05              | 100             |
|               | M.Phil., Microbiology | 05                    | 04              | 100             |
| 2013-2014     | UG Microbiology       | 59                    | 50              | 63              |

|           |                       |    |    |       |
|-----------|-----------------------|----|----|-------|
|           | PG Microbiology       | 06 | 06 | 100   |
|           | M.Phil., Microbiology | 04 | 03 | 100   |
| 2014-2015 | UG Microbiology       | 55 | 55 | 37    |
|           | PG Microbiology       | 05 | 05 | 100   |
|           | M.Phil., Microbiology | 07 | 07 | Doing |

### 27. Diversity of Students:

| S.No | Academic Year | Name of the Course    | % of students from the same state | % of students from other States | % of students from abroad |
|------|---------------|-----------------------|-----------------------------------|---------------------------------|---------------------------|
| 1    | 2006-2007     | UG Microbiology       | 100%                              | Nil                             | Nil                       |
|      |               | PG Microbiology       | 100%                              | Nil                             | Nil                       |
| 2    | 2007-2008     | UG Microbiology       | 100%                              | Nil                             | Nil                       |
|      |               | PG Microbiology       | 100%                              | Nil                             | Nil                       |
| 3    | 2008-2009     | UG Microbiology       | 100%                              | Nil                             | Nil                       |
|      |               | PG Microbiology       | 100%                              | Nil                             | Nil                       |
| 4    | 2009-2010     | UG Microbiology       | 100%                              | Nil                             | Nil                       |
|      |               | PG Microbiology       | 100%                              | Nil                             | Nil                       |
| 5    | 2010-2011     | UG Microbiology       | 100%                              | Nil                             | Nil                       |
|      |               | PG Microbiology       | 100%                              | Nil                             | Nil                       |
| 6    | 2011-2012     | UG Microbiology       | 100%                              | Nil                             | Nil                       |
|      |               | PG Microbiology       | 100%                              | Nil                             | Nil                       |
|      |               | M.Phil., Microbiology | 100%                              | Nil                             | Nil                       |
| 7    | 2012-2013     | UG Microbiology       | 100%                              | Nil                             | Nil                       |
|      |               | PG Microbiology       | 100%                              | Nil                             | Nil                       |
|      |               | M.Phil., Microbiology | 100%                              | Nil                             | Nil                       |
| 8    | 2013-2014     | UG Microbiology       | 100%                              | Nil                             | Nil                       |
|      |               | PG Microbiology       | 100%                              | Nil                             | Nil                       |
|      |               | M.Phil., Microbiology | 100%                              | Nil                             | Nil                       |
| 9    | 2014-2015     | UG Microbiology       | 100%                              | Nil                             | Nil                       |
|      |               | PG Microbiology       | 100%                              | Nil                             | Nil                       |
|      |               | M.Phil., Microbiology | 100%                              | Nil                             | Nil                       |

**28. How Many Students have Cleared national & state Competitive Examinations such as NET, SLET, GATE Civil Services, Defense Services, etc.,? NIL**

**29. Student progression: (2006-2010)**

| S.NO | ACADEMIC YEAR<br>(out gone Batch) | U.G to P.G(%) | P.Gto M.Phil., (%) | Employed         |                               |
|------|-----------------------------------|---------------|--------------------|------------------|-------------------------------|
|      |                                   |               |                    | Campus selection | Other than campus recruitment |
| 1    | 2006-2007                         | 51.4          | 50                 | 10               | 30                            |
| 2    | 2007-2008                         | 35            | 28                 | 5                | 28                            |
| 3    | 2008-2009                         | 19            | 33                 | ---              | 33                            |
| 4    | 2009-2010                         | 72.4          | 20                 | 8                | 31                            |
| 5    | 2010-2011                         | 52            | 40                 | 10               | 15                            |
| 6    | 2011-2012                         | 18            | 19                 | 5                | 32                            |
| 7    | 2012-2013                         | 15.3          | 10                 | ---              | 28                            |
| 8    | 2013-2014                         | 44.4          | 80                 | ---              | 34                            |
| 9    | 2014-2015                         | 35            | 100                | ---              | 37                            |

**30. Details of infrastructural facilities:**

e) **Library:** The department has books and journals in central library.

f) **Internet facilities for staff and students:**

Computer with internet facility is available both for staff and students.

g) **Class rooms with ICT facility :** Available

h) **Laboratories :**

The department has separate laboratories for UG,PG & M.Phil., with required equipments.

**31. Number of students receiving financial assistance from college, university, government or other agencies.**

**List of students receiving financial assistance from college:**

| S. No | Academic Year | SC/ST Scholarship | BC Scholarship | M.BC Scholarship | Minority Scholarship | Other Agencies |
|-------|---------------|-------------------|----------------|------------------|----------------------|----------------|
| 1     | 2006-2007     | 3                 | 14             | 13               | 2                    | ---            |
| 2     | 2007-2008     | 2                 | 11             | 10               | 4                    | ---            |

|   |           |    |     |     |     |     |
|---|-----------|----|-----|-----|-----|-----|
| 3 | 2008-2009 | 2  | 20  | 17  | 4   | --- |
| 4 | 2009-2010 | 5  | --- | 10  | --- | 26  |
| 5 | 2010-2011 | 2  | --- | --- | --- | 20  |
| 6 | 2011-2012 | 5  | --- | --- | --- | --- |
| 7 | 2012-2013 | 12 | --- | --- | --- | --- |
| 8 | 2013-2014 | 21 | --- | --- | --- | --- |
| 9 | 2014-2015 | 23 | --- | --- | --- | --- |

**32. Details on student enrichment programmes (special lecturer/workshop/seminar) with external experts:**

**Seminar conference/workshops organised by the department:**

| DATE       | PERSON   | TITLE  | INSTITUTION   |
|------------|--|--|---|
| 19.09.2015 | Dr.E.Preetham<br>Asst.Professor of<br>Biochemistry | Scope & Destination of<br>Life Science Paths | Kerala University of<br>Fisheries & Ocean<br>Studies Cochin –<br>Kerala |

**33. Teaching methods adopted to improve student learning**

- UG** - Lectures using LCD/OHP, Assignments, seminars, field study
- PG** - Lectures using LCD/OHP, Assignments, seminars, field study, group discussion regarding general biological science, field study.
- M.Phil.,-** Assignments, seminar, group discussion, power point presentation & field study

Virtual Lab, NPTEL & vvas channel live lecturers were projected to the students.

**34. Participation in institutional social responsibility (ISR) and Extension activities.**

The institution conducted many social welfare programmes and the number of students involved in each aspect were listed below.

| NSS | YRC | RRC | ECO | LEO | Fine Arts |
|-----|-----|-----|-----|-----|-----------|
| 15  | 33  | 31  | 32  | 32  | 33        |

**35. SWOC analysis of the department and future plans:**

**Strengths:**

All levels of UG & PG & M. Phil curriculum provide a situation to gain a lucid, all-encompassing knowledge on infectious diseases.

- Imparts an overall understanding of its Clinical Microbiological and Epidemiological perspectives.



- Imparts awareness regarding the applications of Microbiology and Applied Microbiology in the hospital, Clinics, Industries as well as the community.
- Imparts sound principles of ethics in the profession research & academic.
- Our department makes a reach out to the community about infectious diseases rather than just being confined to the laboratory.

#### **Weakness:**

- As B.Ed Microbiology arose for the past 3-4 years admission to PG course is low.
- Linkages with other related institution not formalized.

#### **Challenges:**

- To attract women candidates towards higher education.
- Coping with the demands of global competition with their background in Microbiology, Applied Microbiology and communication skills.
- To continue to keep on part with the ever changing scenario in the field of Microbiology.
- To focus attention of students away from modern gadgets like cell phones.
- To motivate students to equip themselves for better job prospects.

#### **OPPORTUNITIES**

- To collaborate with hospitals and industries.
- Research can be extended to broader area.
- Due to the introduction of projects at PG level & research Programmes, Opportunities are available for students to get placed in premier research institutions as Research Associates or as teaching faculty.

#### **FUTURE PLANS**

- To Continually upgrade Our teaching methodologies.
- To take up more extension activities.
- To organize International Seminars.
- To take part in Research projects by funding agencies.
- To upgrade the Department into a full fledged Research centre with Ph.D Microbiology

**EVALUATIVE REPORT OF THE  
DEPARTMENT OF PHYSICS**

1. Name of the department: **Department of Physics**

2. Year of Establishment:

|                        |             |
|------------------------|-------------|
| <b>B. Sc., Physics</b> | <b>2004</b> |
| <b>M. Sc., Physics</b> | <b>2012</b> |

3. Names of Programmes / Courses offered (UG, PG, M. Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.): **B. Sc & M. Sc., Physics**

4. Names of Interdisciplinary courses and the departments/units involved –

| <b>Class</b>    | <b>Subject</b> | <b>Offered to the Department</b> |
|-----------------|----------------|----------------------------------|
| B. Sc., Physics | Allied Physics | Chemistry                        |

5. Annual/ semester/choice based credit system (programme wise)

- **Choice based credit system**

6. Participation of the department in the courses offered by other departments -

| <b>Class</b>    | <b>Subject</b>     | <b>Offered by the Department</b> |
|-----------------|--------------------|----------------------------------|
| B. Sc., Physics | Allied Chemistry   | Chemistry                        |
|                 | Allied Maths       | Mathematics                      |
|                 | Non Major Elective | Computer Science                 |

7. Courses in collaboration with other universities, industries, foreign institutions, etc.-NIL

8. Details of courses/programmes discontinued (if any) with reasons – NIL

9. Number of Teaching posts

|                      | <b>Sanctioned</b> | <b>Filled</b> |
|----------------------|-------------------|---------------|
| Professors           | -                 | -             |
| Associate Professors | -                 | -             |
| Asst. Professors     | 7                 | 7             |

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc)

**Academic Year 2015-2016**

| Name                   | Qualification        | Designation       | Specialization                       | No. of Years of Experience | No. of Ph.D. Students guided for the last 4 years |
|------------------------|----------------------|-------------------|--------------------------------------|----------------------------|---|
| Mr. S. Selvakumar      | M.Sc., (Ph.D)        | Head & Asst. Prof | Crystal Growth & Bio Physics         | 4                          | NA  |
| Mr. C. Kumaran         | M.Sc., M.Phil (Ph.D) | Asst.Prof         | Mathematical Physics & Computational | 6                          | NA  |
| Ms. R. Saranya         | M.Sc., M.Phil        | Asst.Prof         | Crystal Growth                       | 1                          | NA  |
| Ms. C. Sivarojini      | M.Sc., M.Phil        | Asst.Prof         | Crystal Growth                       | 1                          | NA  |
| Mrs. A. Chitra         | M.Sc., B. Ed         | Asst.Prof         | Solid State Physics                  | 5                          | NA  |
| Ms. T. Indhumathi      | M.Sc.,               | Asst.Prof         | Crystal Growth                       | 1                          | NA  |
| Ms. B. Mangaiyarkarasi | M. Sc.,              | Asst.Prof         | Spectroscopy                         | 1                          | NA  |

11. List of senior visiting faculty: **Dr. Brinda Ramachandrea., M. Sc., Ph.D.,**
12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty: **NIL**
13. Student -Teacher Ratio (programme wise):

| S.NO | ACADEMIC YEAR | U.G RATIO     | P.G RATIO    |
|------|---------------|---------------|--------------|
| 1    | 2006 – 2007   | 11:1          | -            |
| 2    | 2007 – 2008   | -             | -            |
| 3    | 2008 – 2009   | 5:1           | -            |
| 4    | 2009 – 2010   | 41:1          | -            |
| 5    | 2010 – 2011   | 12:1          | -            |
| 6    | 2011 – 2012   | 14:1          | -            |
| 7    | 2012 – 2013   | 11:1          | <b>5 : 1</b> |
| 8    | 2013 - 2014   | 11:1          | <b>5 : 1</b> |
| 9    | 2014 - 2015   | <b>22 : 1</b> | <b>5 : 1</b> |

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled

| Staff           | Sanctioned | Filled |
|-----------------|------------|--------|
| Technical Staff | 2          | 2      |

15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil / PG.

| No. of Staffs | PG | M.Phil | Ph.D |
|---------------|----|--------|------|
| 7             | 4  | 3      | Nil  |

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received - **NIL**

17. Departmental projects funded by DST - FIST; UGC, DBT, ICSSR, etc. and total grants received - **NIL**

18. Research Centre /facility recognized by the University - **NIL**

19. Publications:

| S No | Name of the Author                                   | Title of the Paper  | Name of the Journal / Vol No & Year  | ISBN/ISSN Number & Impact Factor |
|------|--|---|--|----------------------------------|
| 1    | S. Selvakumar<br>Head &<br>Asst. Prof. of<br>Physics | Appropriate Artificial Bone Implant by Polymer composite using ceramic filler | Proceedings of International conference on Recent Advances in physics – 2013 | 978 93 81992 86 9                |
| 2    |  | Optical & Mechanics studies of solution grown semi organic Ag O crystals      | Proceedings of National Conference on Advanced Materials – 2014              | 978 93 81992 44 9                |
| 3    |  | Appropriate Artificial Bone Implant by Polymer composite using ceramic filler | Journal of Modern Science/ Vol-6 2014  | 2277 7628                        |
| 4    |  | Simulation of Lotka Volterra system Two Species Model                         | Proceedings of National Conference on MTIMAAAt-2015                          | 978 81 81241 43 6                |
| 5    | C.Kumaran<br>Asst. Prof. of<br>Physics               | Optical & Mechanics studies of solution grown semi organic Ag O crystals      | Proceedings of National Conference on Advanced Materials – 2014              | 978 93 81992 44 9                |
| 6    |  | Simulation of Lotka Volterra system Two Species Model                         | Proceedings of National Conference on MTIMAAAt-2015                          | 978 81 81241 43 6                |

20. Areas of consultancy and income generated - **NIL**

21. Faculty as members in

|                                 |   |
|---------------------------------|---|
| <b>National committees</b>      | - |
| <b>International Committees</b> | - |
| <b>Editorial Boards....</b>     | - |

## 22. Student projects

- a) Percentage of students who have done in-house projects including inter departmental/programme
- b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/ other agencies

| <b>Year</b> | <b>In House Projects</b> | <b>Other Agencies</b> |
|-------------|--------------------------|-----------------------|
| 2012 – 2014 | 75                       | 25                    |
| 2013 – 2015 | 50                       | 50                    |
| 2014- 2016  | 75                       | 25                    |

## 23. Awards / Recognitions received by faculty and students

| <b>S. No.</b> | <b>Name with Register No.</b> | <b>Award &amp; Year</b>                               | <b>Organising Agency</b>    |
|---------------|-------------------------------|---|-----------------------------|
| 1             | J. Jayabharathi<br>2735569    | University Rank Holder<br>1 <sup>st</sup> Rank-2009   | Thiruvalluvar<br>University |
| 2             | K. Priyadarshini<br>2735571   | University Rank Holder<br>3 <sup>rd</sup> Rank-2009   | Thiruvalluvar<br>University |
| 3             | D. Kanimozhi<br>2735570       | University Rank Holder<br>6 <sup>th</sup> Rank-2009   | Thiruvalluvar<br>University |
| 4             | Vidhyalakshmi.R<br>2893131    | University rank holder<br>7 <sup>th</sup> rank - 2011 | Thiruvalluvar<br>University |
| 5             | B.Mangaiyarkarasi<br>1039657  | University rank holder<br>1 <sup>th</sup> rank- 2013  | Thiruvalluvar<br>University |
| 6             | S. Bharathi<br>1253950        | University rank holder<br>5 <sup>th</sup> rank- 2014  | Thiruvalluvar<br>University |
| 7             | K. Nirmaladevi<br>1253956     | University rank holder<br>3 <sup>th</sup> rank- 2014  | Thiruvalluvar<br>University |

24. List of eminent academicians and scientists / visitors to the department

| <b>S. No</b> | <b>Year</b> | <b>Name</b>                | <b>Designation</b>  |
|--------------|-------------|----------------------------|---|
| 1            | 2006        | Dr. P. Sivakumar           | Co-ordinator<br>Santhom Institute,<br>Chennai   |
| 2            | 2010        | Dr. P. Sivakumar           | Co-ordinator<br>Santhom Institute,<br>Chennai   |
| 3            | 2011        | Dr. R. Rajasekaran         | Associate Prof & Principal (i/c),<br>Govt. Arts College,<br>Thiruvannamalai                     |
| 4            | 2012        | Mr. V. Ragavendran         | Assistant Professor<br>Department of Science & Humanities,<br>SCSVMV University<br>Kancheepuram |
| 5            | 2013        | Dr. G. Vishwanathan        | Former Vice Chancellor<br>Anna University<br>Chennai  |
| 6            | 2013        | Dr. D. Jayaraman           | Former Professor of Physics<br>Presidency College (Autonomous)<br>Chennai                       |
| 7            | 2014        | Dr. Brinda<br>Ramachandraa | Former Principal<br>L.R.G. Government Arts college for<br>Women,<br>Tirupur                     |
| 8            | 2014        | Dr. T.S.Renugadevi         | Associate Professor of Physics<br>Women's Christian<br>College(Autonomous) Chennai              |
| 9            | 2014        | Dr. S.Kumaresan            | Assistant Professor of Physics<br>Arignar Anna Government Arts<br>College Cheyyar.              |
| 10           | 2014        | Dr. K. Venkatramanan       | Professor & Head<br>Department of Physics<br>SCSVMV University<br>Kancheepuram                  |

## 25. Seminars/ Conferences/Workshops organized &amp; the source of funding

**SEMINARS**

| <b>S. No</b>                  | <b>Date</b> | <b>Title</b>                                   | <b>Resource Person `</b>   | <b>No.of Participants</b> |
|-------------------------------|-------------|--|--|---------------------------|
| 1                             | 29.12.2006  | Learning Physics with Fun                      | Dr.P.Sivakumar.<br>Co ordinator<br>Santhom Institute<br>Chennai  | 52                        |
| 1                             | 17-02-2011  | Learn Physics With fun                         | Dr.P.Sivakumar.<br>Co ordinator<br>Santhom Institute<br>Chennai  | 74                        |
| 2                             | 31-10-2011  | Nano Crystals                                  | Dr.R.Rajasekaran<br>Associate Professor of Physics<br>Govt Arts College<br>Thiruvannamalai.                        | 82                        |
| 3                             | 7/2/2013    | Role of Spectroscopy in Research               | Mr.V.Ragavendran<br>Assistant Professor<br>Department of Science & Humanities<br>SCSVMV University<br>Kanchipuram. | 162                       |
| 4                             | 8/2/2014    | Growth & Characterisation of Some NLO Crystals | Dr.D.Jayaraman<br>Former Professor of Physics<br>Presidency College (Autonomous)<br>Chennai.                       | 175                       |
| <b>National Level Seminar</b> |             |  |  |                           |
| <b>S.No</b>                   | <b>Date</b> | <b>Title</b>                                   | <b>Resource Person `</b>   | <b>No.of Participants</b> |
| 1                             | 20-08-2014  | Recent Trends in Physics'14                    | Dr.S.Kumaresan<br>Assistant Professor of Physics<br>Arignar Anna Govt Arts College<br>Cheyyar.                     | 235                       |
| 2                             |             |  | Dr.T.S.Renugadevi<br>Associate Professor of Physics<br>Women's Christian College<br>Chennai                        | 235                       |
| 3                             | 21-08-2014  | Recent Trends in Physics'14                    | Dr.K.Venkatramanan<br>Professor & Head<br>Department of Physics<br>SCSVMV Univeristy<br>Kanchipuram.               | 240                       |
| 4                             |             |  | Dr.T.Kumaresan<br>Assistant Professor of Physics<br>Thiru.A.Govindasamy Govt Arts College<br>Tindivanam.           | 240                       |

26. Student profile programme/course wise:

| Academic year | Name of the Course/programme (refer question | Applications received | Selected | Enrolled |    | Pass percentage |
|---------------|--|-----------------------|----------|----------|----|-----------------|
|               |  |                       |          | *M       | *F |                 |
| 2006 – 2009   | B. Sc., Physics                              | 22                    | 22       | 0        | 20 | 90%             |
| 2008 – 2011   | B. Sc., Physics                              | 15                    | 8        | 0        | 8  | 100%            |
| 2009 – 2012   | B. Sc., Physics                              | 43                    | 38       | 0        | 38 | 100%            |
| 2010 – 2013   | B. Sc., Physics                              | 40                    | 38       | 0        | 35 | 92%             |
| 2011 – 2014   | B. Sc., Physics                              | 55                    | 53       | 0        | 53 | 92%             |
| 2012 – 2015   | B. Sc., Physics                              | 59                    | 55       | 0        | 55 | 100%            |
| 2012-2014     | M. Sc., Physics                              | 13                    | 12       | 0        | 12 | 100%            |
| 2013 - 2016   | B. Sc., Physics                              | 59                    | 55       | 0        | 55 | RA              |
| 2013 - 2015   | M. Sc., Physics                              | 13                    | 12       | 0        | 12 | 100%            |
| 2014 - 2017   | B. Sc., Physics                              | 60                    | 55       | 0        | 55 | RA              |
| 2014 - 2016   | M. Sc., Physics                              | 13                    | 11       | 0        | 11 | RA              |

27. Diversity of Students

| S.No | Academic Year | Name of the Course | % of students from the same state | % of students from other States | % of students from abroad |
|------|---------------|--------------------|-----------------------------------|---------------------------------|---------------------------|
| 1    | 2006-2007     | B. Sc., Physics    | 100%                              | Nil                             | Nil                       |
| 2    | 2007-2008     | B. Sc., Physics    | 100%                              | Nil                             | Nil                       |
| 3    | 2008-2009     | B. Sc., Physics    | 100%                              | Nil                             | Nil                       |
| 4    | 2009-2010     | B. Sc., Physics    | 100%                              | Nil                             | Nil                       |
| 5    | 2010-2011     | B. Sc., Physics    | 100%                              | Nil                             | Nil                       |
| 6    | 2011-2012     | B. Sc., Physics    | 100%                              | Nil                             | Nil                       |
| 7    | 2012-2013     | B. Sc., Physics    | 100%                              | Nil                             | Nil                       |
|      |               | M. Sc., Physics    | 100%                              | Nil                             | Nil                       |
| 8    | 2013-2014     | B. Sc., Physics    | 100%                              | Nil                             | Nil                       |
|      |               | M. Sc., Physics    | 100%                              | Nil                             | Nil                       |
| 9    | 2014-2015     | B. Sc., Physics    | 100%                              | Nil                             | Nil                       |
|      |               | M. Sc., Physics    | 100%                              | Nil                             | Nil                       |

28. How many students have cleared national and state competitive examinations such as NET, SLET,



GATE, Civil services, Defense services, etc.? - Nil

29. Student progression

| S.NO | ACADEMIC YEAR (out gone Batch) | B. Sc to M. Sc | M. Sc to M.Phil., | Employed         |                               |
|------|--------------------------------|----------------|-------------------|------------------|-------------------------------|
|      |                                |                |                   | Campus selection | Other than campus recruitment |
| 1    | 2006-2009                      | 23%            | 0                 | 0                | 24%                           |
| 2    | 2008-2011                      | 26%            | 0                 | 0                | 27%                           |
| 3    | 2009-2012                      | 22%            | 0                 | 0                | 23%                           |
| 4    | 2010-2013                      | 25%            | 0                 | 0                | 24%                           |
| 5    | 2011-2014                      | 24%            | 0                 | 0                | 23%                           |
| 6    | 2012-2015                      | 27%            | 0                 | 0                | 26%                           |

30. Details of Infrastructural facilities

a) Library

- Our college is provided with general library and department has a department library with good collection of books. It has been updated with current Journals and magazines

b) Internet facilities for Staff & Students

- Internet facilities available for students and staff inside the campus

c) Class rooms with ICT facility- **is available**

d) Laboratories : UG and PG labs available

31. Number of students receiving financial assistance from college, University, Government or other agencies

| S. No | Academic Year | SC/ST Scholarship | M.BC Scholarship | Minority Scholarship | Other Agencies |
|-------|---------------|-------------------|------------------|----------------------|----------------|
| 1     | 2006-2007     | 2                 | 3                | 5                    | 0              |
| 2     | 2007-2008     | 1                 | 10               | 8                    | 0              |
| 3     | 2008-2009     | 1                 | 2                | 4                    | 0              |

|   |           |    |   |   |   |
|---|-----------|----|---|---|---|
| 4 | 2009-2010 | 0  | 2 | 0 | 8 |
| 5 | 2010-2011 | 0  | 4 | 4 | 0 |
| 6 | 2011-2012 | 10 | 5 | 0 | 0 |
| 7 | 2012-2013 | 22 | 0 | 0 | 0 |
| 8 | 2013-2014 | 26 | 0 | 0 | 0 |
| 9 | 2014-2015 | 22 | 0 | 0 | 0 |

32. Details on student enrichment programmes (special lectures / workshops / seminar) with external experts

- All the under graduate students of our department underwent a Personality Development class by the panel of resource persons organized in our college campus frequently in collaboration with **ASSET**
- All the Post graduate students of our department under went a class regarding CSIR - NET

33. Teaching methods adopted to improve student learning

- Regular Lectures
- Frequent Practical classes
- Special coaching for slow learners
- Power point Presentation
- Chart and Models
- Internal Class seminar & Discussions
- Continuous Internal Assessment Tests
- INFLIBNET facilities have been activated to M.Sc students & Faculties.
- NPTEL video lectures
- Demonstration through virtual lab.

34. Participation in Institutional Social Responsibility (ISR) and Extension activities

Students of our department showed their social responsibility by actively participating in the National Service Scheme, Youth Red Cross, Red Ribbon Club, Consumer Club and take part in rally for energy conservation, awareness pertaining to voting, Cleanliness, awareness of Dengue fever etc

| S. No | Name of the Club | Tot. No. of Student involved |
|-------|------------------|------------------------------|
| 1     | Fine Arts Club   | 20                           |
| 2     | LEO Club         | 14                           |
| 3     | YRC              | 42                           |

|   |                      |    |
|---|----------------------|----|
| 4 | ECO Club             | 63 |
| 5 | NSS                  | 12 |
| 6 | RRC(Red Ribbon Club) | 30 |

35. SWOC analysis of the department and Future plans

**STRENGTH**

- Empowering rural women folk in science education since 2004
- Exposure of students to post graduation
- Well equipped laboratory with constant power supply
- Encourage students in scientific advancements
- Exposure to various field of research through eminent resource persons
- Good academic record and ranks in University level

**WEAKNESS**

- All the students are coming from rural areas they lack communication skill in second language.
- Less interested towards research
- Dropouts due to poor economy
- Lack of research laboratory in nearby area

**OPPORTUNITY**

- Encouraging students and faculty to participate and present papers in conferences
- Permission for students to participate in inter college competition
- Personality development programme organized

**CHALLENGES**

- To organize International Conference
- To maintain the academic standard of the department in spite of the weaknesses mentioned earlier

**FUTURE PLAN**

- To improve the department to reach the standards in research
- To apply for Major Research Project to make the department a hub of research activities
- To enrich the laboratories with sophisticated equipment

# PART - C

|    |                                      |
|----|--------------------------------------|
| 1. | POST INITIATIVE MEASURES             |
| 2. | CERTIFICATE OF COMPLIANCE            |
| 3. | CERTIFICATE OF PERMANENT AFFILIATION |
| 4. | CERTIFICATE OF COURSE AFFILIATION    |
| 5. | NAAC Certificate                     |
| 6. | ORDER COPY OF 2(f)                   |
| 7. | ORDER COPY OF 12(B)                  |

## POST ACCREDITATION INITIATIVES

Sri Akilandeswari Women's College, Wandiwash is affiliated to Thiruvalluvar University, Vellore and has undergone the Ist Cycle of NAAC Accreditation in the year 2006 and B+ status was granted to this Institution. The Peer team members of the Ist Accreditation cycle have given very good Assessment remarks to the Institution.

The evaluation report enlisted many highlights of our strengths. The recommendations were less in number during the First Accreditation when compared with the strengths. The institution has seriously viewed the remarks to rectify the weakness. The Management and the Governing Council of our college implemented many reforms to strengthen our quality sustenance.

After the Ist cycle of Accreditation, our institution has developed much in terms of curriculum. Being an affiliated college, we follow the stipulated syllabi and curricular modules of the University. Previously we followed the Semester system of curriculum, but now we follow the CBCS pattern of curriculum.

The CBCS pattern of syllabus is much enriched and more advanced in standard. Our institution is strictly adhering to development programme options. In CBCS syllabi, the students have academic flexibility in selecting their Elective subjects and also Non-Major Elective subjects.

As a milestone of our curricular improvements in the "Post accreditation" period, we have secured affiliation to 3 UG Courses such as B.A. English Literature, B.Sc. Chemistry and B.Com. (CA). , 4 PG courses such as M.A. English, M.Sc. Physics, M.Sc. Chemistry and M.Sc. Computer Science and 4 M.Phil. courses such as M.Phil. Biochemistry, M.Phil. Mathematics, M.Phil. Microbiology, M.Phil. Computer Science and M.Phil. Commerce.

All the new courses which are started in the "Post Accreditation Period" are more viable , more diversified and are job oriented courses which suits well to the rural girls. The previous condition was such that after completing UG degree our students found it difficult to continue their higher studies in their home towns and now that the management has started many PG Courses on the request of the public and students the admission in PG courses is variably good.

Regarding the curriculum development, it is noteworthy to mention that we have grown very fast and occupied a top level 'Benchmark' in this Thiruvannamalai District within in a short span of period. It is very evident that, our Management pays much attention to keep the high standard and the quality sustenance and the management believes that the curricular aspects of our institution is sound enough in the "Post Accreditation Period".

The performance analysis of our students is good and is increasing every year and our students are fetching not less than 15 University Ranks every year. Performance wise calibrating, our students are always on par with city students in learning and even excel them in terms of knowledge resources.

We have appointed adequate number of teachers with highest qualifications. The efforts made by our teachers to improve the curricular aspects are remarkable and only minimum number of candidates produce negative results. Our teachers are very devoted to teaching and very much dedicated to uplift the students. In the "Post Accreditation Period" our staff members are more sensible and are committed to curricular development.

Some of our Staff Members are also serving as Curriculum Designers, Question Paper setters and are also the Examiners for Central Valuation of this University and also of other Autonomous Colleges.

With the utmost and meticulous care of our staff members we are able to keep the status of our curriculum performance high throughout the years. The M.Phil. students have elevated index through their good quality theses which secured higher percentage in the evaluation.

The Management is concentrating much in appointing staff members. The well qualified teachers are appointed after transparent Interview procedures. The Management engage elite and experienced academicians to serve in the Interview Board to select the best talented teachers.

The Management is striving to achieve its vision. The activities and future plans to be carried out are carefully sorted by the “Governing Council” to realize and achieve academic objectives.

The institution has decided to enhance the teaching and learning process. In the “Post Accreditation Period” the teaching methods have improved much in modern teaching aids. The ICT and “Smart Class Room” facilities have been developed. The teachers are trained periodically in the “Post Accreditation Period” by efficient trainers and top academicians and are given freedom to practice innovative teaching methods.

The staff members are encouraged to attend seminars, conferences and workshops so as to update themselves with latest developing methodologies. Our staff members imbibed the modern technologies by exchanging their views with Scholars and Experts in academic profile.

Our institution established plenty of learning resources to the students and teachers. The Library sources are enriched with enormous number of Books and Journals. The institution has developed e-resources like INFLIBNET and NPTEL access to students and staffs. The INTERNET facilities has been extended and the staff and students are allowed to access them frequently.

Our institution extended special coaching classes for the students to thrive well in the competitive examinations. We have developed the MoU with “ASSET – Organization” and “Buddha IAS Academy” to conduct special coaching programmes to train our students to perform well in the competitive examinations. In the “Post Accreditation Period” quite number of our students pass through the competitive examinations and got placements in Govt. Offices and Private companies, MNCs and Corporate organizations. At present our institution is consistently employing the “Special Training organizations” to train our students in “Soft Skill Development”.

In the “Post Accreditation Period” our institution has secured 2 (f) status and 12(B) under the UGC Act in the year 2006 and 2015 respectively. With this dignitary status, our institution lured the attention of the University and the other neighbouring colleges. The achievements and the attainments are noticed as a “Bench Mark” among the top level Institutions and actually envied by other institutions.

As 12(B) status has been granted to our college, our staff members and students have been motivated to undergo minor projects and have approached the UGC to grant us funds to proceed with these projects and proposals have been submitted to UGC. The staff and students are very much interested to publish their articles in Journals. In the “Post Accreditation Period” our teachers and students have contributed more than 500 research articles. Of late, International

Conferences and National Conferences have been organized by all the existing departments and experts from various Universities have been invited as Resource Persons and various thrust areas in various subjects have been discussed in the conferences. There has been active participation from the staff and students of various colleges and universities.

Our teachers have participated in the Orientation Courses, Refresher Courses, and Workshops organized by the Research laboratories to learn many sophisticated techniques.

Our institution has developed a lot in the Infrastructural facilities. Auditorium has been constructed, class rooms have been increased to suit the needs of the increasing strength and new courses, library has been expanded and has been automated with NET facilities and books and journals have been increased apart from enrolling ourselves for INFLIBNET and NPTEL and other live telecasting educational channels. Smart Class room and Audio-Visual equipments have been installed.

With the request from the parents and students, the management is running 32 buses at present to almost all the remote areas wherein private or government bus facilities is not available and this has been added as an advantage to the development of the college.

Our institution has developed with a health and hygienic campus to maintain absolute greenery and cleanliness. The larger RO plants were installed to provide “Purified Drinking Water” and a very big “Generator “ is installed to supply power round the clock.

Our institution gathered popularity for its morality and quality education which in turn increased the students strength year after year.

The IQAC cell was established in the year 2007 and the “AQAR” report is submitted every year to NAAC. At the outset, our institution is stepping in a right progressive path and steadily continuing its journey of the 21<sup>st</sup> year with “Blessings and Bestows” of the “Goddess Sri Akilandeswari”.

## CERTIFICATE OF COMPLIANCE

This is to certify that **SRI AKILANDESWARI WOMEN'S COLLEGE, WANDIWASH** fulfils all norms

1. Stipulated by Thiruvalluvar University, Vellore
2. Regulatory Body – University Grants Commission, New Delhi.
3. Permanent affiliation has been granted by Thiruvalluvar University, Vellore.

In case the affiliation / recognition is conditional, then a detailed enclosure with regard to compliance of conditions by the institution will be sent.

It is noted that NAAC's accreditation, if granted, shall stand cancelled automatically, once the institution loses its University affiliation or Recognition by the Regulatory Council, as the case may be.

In case the undertaking submitted by the institution is found to be false then the accreditation given by NAAC is liable to be withdrawn. It is also agreeable that the undertaking given to NAAC will be displayed on the college website.

**Date: 28.10.2015**

**Place: Wandiwash**

**Dr. M.H.S. Mohamed Yacoob**  
**PRINCIPAL**

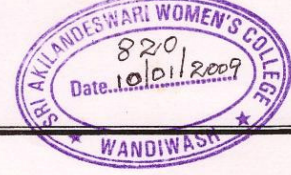


It is requested that all communications should be addressed to The Registrar, Thiruvalluvar University and not to any person by name.

Website: www.tvuni.in  
Email: rtvuniv@yahoo.co.in  
Phone: (0416) 2217778  
Fax: (0416) 2221344



திருவள்ளூர் பல்கலைக்கழகம்  
THIRUVALLUVAR UNIVERSITY  
FORT CAMPUS, VELLORE - 632 004



Dr.A.AMULDOSS, M.P.Ed., M.Phil., Ph.D., N.I.S  
Registrar i/c.

No.TU/R/Affln/Permanent Affiliation/2008-09/A. 18

Dated: 09.01.2009

To

The Chairman  
Sri Akilandeswari Women's College  
Wandiwash - 604 408, Thiruvannamalai District

Sir/Madam,

Sub: Sri Akilandeswari Women's College, Wandiwash - Grant of  
"Permanent Affiliation" - 2008-2009 - Orders issued - Reg.

- Ref: 1. Your application along with letter No.90/SAWCW/A1/2004 dated  
15.10.2004  
2. The University Grants Commission, New Delhi, in their letter  
No.F.8-32/2006 (CPP-I), dated 19.03.2007  
3. Your letter No.404/SAWCW/A1/2008-2009, dated 29.12.2008

\*\*\*\*\*

I am by direction to inform you that the Syndicate at its meeting held on 09.08.2008 has considered the request received from the Secretary, Sri Akilandeswari Women's College, Wandiwash for grant of Permanent Affiliation to the College together with the report of Inspection Commission appointed by the University for grant of Permanent Affiliation and

Resolved that the request received from Sri Akilandeswari Women's College, Wandiwash, to grant Permanent affiliation to the college from the academic year 2008-2009 be approved.

Accordingly, Permanent Affiliation has been granted to the Sri Akilandeswari Women's College, Wandiwash. The College should strictly adhere to the usual conditions for affiliation prescribed by the University.

Yours faithfully,

*[Signature]*  
09/01/09  
Registrar i/c.

Copy to:

1. The Principal, Sri Akilandeswari Women's College, Wandiwash
2. The Controller of Examinations.
3. The Deputy Finance Officer
4. The Admission Section
5. PA to Vice-Chancellor/Registrar's office file

It is requested that all communications should be addressed to The Registrar, Thiruvalluvar University and not to any person by name.

Website: [www.thiruvalluvaruniversity.ac.in](http://www.thiruvalluvaruniversity.ac.in)

Phone: 0416 -2274747, 2274746

Fax: 0416 -2274748



திருவள்ளுவர் பல்கலைக்கழகம்  
**THIRUVALLUVAR UNIVERSITY**  
SERKKADU, VELLORE - 632 115

**Dr. M. JAYAKUMAR, M.Sc., Ph.D**  
**REGISTRAR**

No.TU/R/Affiliation Certificate/2015/697

Dated: 22.05.2015

Certificate of Affiliation

This is to certify that in accordance with the Government of Tamil Nadu - Thiruvalluvar University Act, 2002 (Tamil Nadu Act 32 of 2002) the colleges in the Districts of Cuddalore, Vellore, Villupuram and Thiruvannamalai which were affiliated to the University of Madras till 15.10.2002 were made as the affiliated colleges of the newly started Thiruvalluvar University with effect from 16.10.2002. Accordingly, Sri Akilandeswari Women's College, Tindivanam Highway, Vandavasi-604 407, Tiruvannamalai District was affiliated with the University of Madras till 15.10.2002, is now affiliated to the Thiruvalluvar University, Vellore with effect from 16.10.2002.

Accordingly, the courses offered by the said college are deemed to be affiliated by Thiruvalluvar University from the academic year 2002-2003 (16.10.2002) and all the conditions stipulated for the affiliation have been fulfilled by the college.

The Sri Akilandeswari Women's College, Tindivanam Highway, Vandavasi-604 407, Tiruvannamalai District is affiliated permanently to this University from the academic year 2008-2009. The college is continued to be permanent affiliated college and offering the following UG, PG and Research courses are continued to be affiliated for the academic year 2014-2015.

UG Courses:

B.Sc. Biochemistry, Microbiology, Computer Science, B.C.A., B.Com. Mathematics, Physics, Chemistry, B.A. English, and B.Com. (Computer Applications)

PG Courses:

M.Sc. Biochemistry, Applied Microbiology, Information Technology, Mathematics, Physics, Chemistry, Computer Science, M.A. English and M.Com.

Research Courses:

M.Phil. Biochemistry, Microbiology, Computer Science and Commerce.

This certificate is issued for the purpose of applying for Reaccreditation from NAAC, Bengaluru.

22/5/2015

REGISTRAR

22/5/15

**Dr. M. JAYAKUMAR**  
Registrar  
Thiruvalluvar University  
Serkkadu, Vellore - 632 115  
Vellore District.



राष्ट्रीय मूल्यांकन एवं प्रत्यायन परिषद

विश्वविद्यालय अनुदान आयोग का स्वायत्त संस्थान

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

An Autonomous Institution of the University Grants Commission

## Certificate of Accreditation

*The Executive Committee of the  
National Assessment and Accreditation Council  
on the recommendation of the duly appointed  
Peer Team is pleased to declare the*

*Sri Akilandeswari Women's College  
Tindivanam Highway, Wandiwash, Dist. Thiruvanna Malai  
affiliated to Thiruvalluvar University, Tamil Nadu as*

**Accredited**

*at the B<sup>+</sup> level.*

Date : February 02, 2006



*Harad  
Director*

- This certification is valid for a period of Five years with effect from February 02, 2006
- An institutional score (%) in the range of 55-60 denotes C grade, 60-65-C' grade, 65-70-C'' grade, 70-75- B grade, 75-80- B' grade, 80-85-B'' grade, 85-90- A grade, 90-95-A' grade, 95-100-A'' grade (upper limits exclusive) .



F. 8-32/2006 (CPP-I)

March, 2007

The Registrar,  
Thiruvalluvar University,  
Fort Campus,  
Vellore-632 004 (Tamilnadu).

**Sub:- List of Colleges prepared under Section 2 (f) of the UGC Act, 1956-Inclusion of New College-**

Sir,

I am directed to refer to the letter No. 279/SAWCW/A1/2007 dated nil received from the College on the subject cited above and to say that the name of the following College has been included in the list of Colleges prepared under Section 2 (f) of the UGC Act, 1956 under the head Non-Government Colleges teaching upto Post-Graduate Degree:-

| Name of the College   | Year of Establishment | Remarks  |
|---|-----------------------|--|
| Sri Akilandeswari Women's College (Day), Wandiwash, Tindivanam Highway, Wandiwash-604 408, <u>T.V. Malai District (Tamilnadu).</u><br><u>(On temporary affiliation)</u> | 1995                  | The College is <b>not</b> eligible to receive Central assistance in terms of the Rules framed under Section 12 (B) of the UGC Act, 1956. |

The Indemnity Bond and other documents in respect of the above College have been accepted by the Commission.

Yours faithfully

(Mrs. Urmil Gulati)  
Under Secretary

21/3/07  
Copy to:-

1. The Principal, Sri Akilandeswari Women's College (Day), Wandiwash, Tindivanam Highway, Wandiwash-604 408, T.V. Malai District (Tamilnadu).
2. The Secretary, Government of India, Ministry of Human Resource Development, Department of Secondary & Higher Education, Shastri Bhawan, New Delhi-110 001.
3. The Secretary to the Government of Tamilnadu, Department of Higher Education, Chennai (Tamilnadu).
4. The Joint Secretary, UGC, South Eastern Regional Office, P.B. No. 152, A.P.S.F.C. Building, IV Floor, 5-9-194, Chirag Ali Lane, Hyderabad-500 001 (A.P).
5. Publication Officer, UGC-Website, New Delhi.
6. Section Officer, FD-III Section, UGC, New Delhi.
7. All Sections, UGC, New Delhi.
8. Guard file.

(Mrs. Urmil Gulati)  
Under Secretary

Ph. 23236351, 23232701, 23237721  
23234116, 23235733, 23232317  
23236735, 23239437, 23239627

Extension No. 413 (CPP-I Colleges)  
UGC Website: [www.ugc.ac.in](http://www.ugc.ac.in)

F. No. 8-32/2005 (CPP-I/C)

The Registrar,  
Thiruvalluvar University  
Fort Campus, Vellore – 632 004  
Tamil Nadu



विश्वविद्यालय अनुदान आयोग  
बहादुरशाह जफर मार्ग  
नई दिल्ली-110 002  
UNIVERSITY GRANTS COMMISSION  
BAHADURSHAH ZAFAR MARG  
NEW DELHI-110 002

May, 2015

21 MAY 2015

**Sub: -** Declaring a College fit to receive Central Assistance under Section 12 (B) of the UGC Act, 1956.

Sir,

I am directed to refer to the letter dated 05.03.2015 received from the Principal, Sri Akilandeswari Women's College, Wandiwash, Tindivanam Highway, Thiruvannamalai District – 604 408, Tamil Nadu on the above subject and to say that it is noted that the following college is **un-aided/self financed** and **permanently** affiliated to **Thiruvalluvar University, Vellore**. The college is already included under Section 2 (f) of the UGC Act, 1956 vide this office letter of even No. dated 19.03.2007. I am further to say that the name of the following college has been included in the list of colleges prepared under Section 12 (B) of the UGC Act, 1956 under the head '**Non-Government** College teaching upto **Master's Degree**':-

| Name of the College   | Year of Establishment | Remarks  |
|---|-----------------------|--|
| Sri Akilandeswari Women's College, Wandiwash, Tindivanam Highway, Thiruvannamalai District – 604 408, Tamil Nadu. | 1995                  | The College is now declared fit to receive Central assistance in terms of Rules framed under Section 12 (B) of the UGC Act, 1956. However, the College, being a self financing & unaided, would be eligible to receive UGC's support only in respect of teachers & students related schemes as per the decision of the Commission dated 8 <sup>th</sup> July 2011. |

The documents submitted in respect of the above College have been accepted by the University Grants Commission.

Yours faithfully,

(Charan Dass)  
Under Secretary

Copy to:-

1. The Principal, Sri Akilandeswari Women's College, Wandiwash, Tindivanam Highway, Thiruvannamalai District – 604 408, Tamil Nadu.
2. The Secretary, Government of India, Ministry of Human Resource Development, Department of Higher Education, Shastri Bhawan, New Delhi - 110 001.
3. The Secretary, Higher Education Deptt. Government of Tamilnadu, Secretariat, Chennai - 600 009, (Tamil Nadu).
4. The Joint Secretary, UGC, South Eastern Regional Office (SERO), P.B. No. 152, A.P.S.F.C. Building, IV Floor, 5-9-194, Chirag Ali Lane, Hyderabad - 500 001, (Andhra Pradesh).
5. Publication Officer (UGC-Website), New Delhi.
6. Section Officer (FD-III Section), UGC, New Delhi.
7. Guard file.

(Charan Dass)  
Under Secretary