### VIVEKANANDHA **COLLEGE OF ARTS AND SCIENCES FOR WOMEN**

(AUTO NOMO US)

Am ISO 9001: 2008 Certified Institution
Affiliated to Periyar University, Salem, Approved by AICTE, Accredited by NAAC,
Recognized under Section 2(f) & 12(B) of UGC Act, 1956

Elayam palayam - 637 205, Tiruchengode, Namakkal District, Tamilnadu, INDIA.

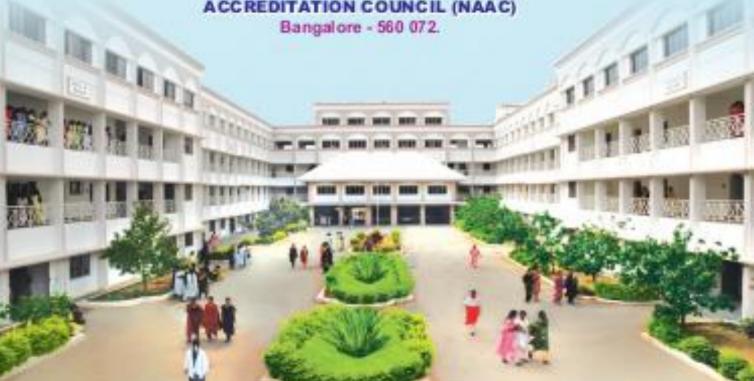


### SELF STUDY REPORT

Re-Accreditation Report Cycle - 2

Submitted to

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL (NAAC)



### SELF STUDY REPORT

Re-Accreditation Report Cycle - 2



Submittedto

## ACCREDITATION COUNCIL (NAAC)

An Autonomous Institution of the University Grants Commission Post Box No. 1075, Nagarbhavi, Bangalore - 560 072.



# VIVEKANANDHA COLLEGE OF ARTS AND SCIENCES FOR WOMEN

(AUTON OMO US)

An ISO 9001: 2008 Certified Institution
Affiliated to Periyar University, Salem, Approved by AICTE, Accredited by NAAC,
Recognized under Section 2(f) & 12(B) of UGC Act, 1956

Elayampalayam - 637 205, Tiruchengode, Namakkal District, Tamilnadu, INDIA.





Prof. Dr. M. KARUNANITH L. S. Phann., M.S., Ph.D., D.Litt., Chairman & Secretary Vivelenandha Education & Institutions

Vivekanandha Educational Institution with 20 colleges are run by Angammal Educational Trust. Vidhya Rathna, Rashtriya Ratan, Hind Rattan, Kongu Nattu Sathanaiyalar Prof. Dr. M. KARUNANITHI, B. Pharm., M.S., Ph.D., D. Litt., formed the trust in the year 1987 motivated by the ideals of service to the people with the bous on promoting technical and professional education for women of our country. Twenty three thousand girls from rural as well as urban areas from all over India have been provided with ample opportunities to pursue education at all levels in all disciplines. Vivekanandha Educational Institution is the only one of its kind in the whole of Asia.

Supported by



Tiruchengode, Namakkal Dt., Tamilnadu, INDIA.

### VIVEKANANDHA COLLEGE OF ARTS AND SCIENCES FOR WOMEN (AUTONOMOUS) ELAYAMPALAYAM

#### **NAAC STEERING COMMITTEE**

S. No.	FACULTY NAME	POSITIONS
1	Dr. S. Seethalakshmi	Principal
2	Dr. S. Leelavathi	Controller of Examinations
3	Dr. L. R. Gopinath	NAAC Coordinator & HOD, Biotechnology
4	Mr. B.T. Suresh Kumar	IQAC Coordinator & HOD, Microbiology
5	Dr. S. Muppidathi	HOD, Tamil
6	Mr. R. Prabakaran	HOD, Botany
7	Ms. K. Kalaiselvi	HOD, Biochemistry
8	Mrs. P. Arockia Rajjakumari	HOD, English
9	Mrs. S. Ramadevi	HOD, Mathematics
10	Dr. N. Jayamani	HOD, Physics
11	Dr. M. Thanikaivel	HOD, Commerce and Management
12	Dr. P. Sumathi	HOD, Zoology
13	Mr. R. P. Suresh Jayakumar	HOD, Chemistry
14	Dr. S. Dhanalakshmi	Computer Science

### SELF STUDY REPORT COMMITTEE

S. No.	FACULTY NAME	POSITIONS
1	Dr. S. Seethalakshmi	Principal
2	Mr. B.T. Suresh Kumar	IQAC Coordinator & HOD, Microbiology
3	Dr. L. R. Gopinath	NAAC, Coordinator, HOD, Biotechnology
4	Mr. S. V. Rajesh	Asst. Professor, Botany
5	Mrs. K. E. Poorni	Asst. Professor, Biotechnology
6	Mr. K. Panneer Selvam	Asst. Professor, Biochemistry
7	Mrs. S. Arul Sheeba Malar	Asst. Professor, Microbiology
8	Dr. S. Jayanthi	Asst. Professor, Tamil
9	Mr. K. R. Radhakrishnan	Asst. Professor, English
10	Mrs. S. Kavitha	Asst. Professor, Mathematics
11	Dr. G. Kandiban	Asst. Professor, Physics
12	Mrs. T.S. Sri Bharathi	Asst. Professor, Chemistry
13	Ms. M. P. Subashini	Asst. Professor, Computer Sciences & Applications
14	Dr. K. Ramesh	Asst. Professor, Commerce
15	Dr. M. Lena	Asst. Professor, Zoology

# CONTENT

PART-A	PREFACE	1-2
PART-B	EXECUTIVE SUMMARY	3-13
PART-1	COLLEGE PROFILE	14-24
PART-2&4	CRITERION – WISE ANALYTICAL REPORT & BEST PRACTICES	25-213
PART-3	EVALUATIVE REPORT OF THE DEPARTMENTS	214-403
PART-5	POST ACCREDITATION INITIATIVES	404-408
PART-6	DECLARATION BY THE HEAD OF THE INSTITUTION	409
PART-C	ENCLOSURES	410

## PART A

# **PREFACE**



A.P.J Abdul Kalam and Chairman

**Main Block** 



**Auditorium** 

**College Transport** 

VIVEKANANDHA COLLEGE OF ARTS AND SCIENCES FOR WOMEN (AUTONOMOUS)
SELF STUDY REPORT SECOND CYCLE

#### **PREFACE**

Angammal Educational trust was founded in 1987 by

Prof. Dr. M. Karunanithi, B. Pharm., M.S., Ph.D., D.Litt., a far-famed philanthropist, a distinguished educationalist and a far-heard industrialist. His dedication to the cause of Women empowerment is laid bare in all his activities. Vivekanandha College of



Prof.Dr.M.Karunanithi,B.Pharm., M.S.,Ph.D., Chairman & Secretary Angammal Educational Trust Krishna Educational & Charitable Trust

Arts and Sciences for Women (VICAS) was founded in 1995 with 4 courses and 63 students. It is affiliated to Periyar University, Salem and approved by AICTE, New Delhi. Now our institution has crossed many a milestone in its march towards academic excellence. Our college is renowned for its passionate commitment to quality education and high standards in discipline and decorum. Of course, this young and dynamic institution has registered a phenomenal growth in terms of buildings, infrastructure, and academic courses.

Our campus is regularly bustling with a flurry of creative activities like conferences, seminars, symposiums, guest lecturers etc. Eminent personalities and experts in different disciplines visit VICAS to enrich and widen our students' knowledge and expertise of the faculty. Our faculty and staff demonstrated the innovation, proactive attitude and emphasis on student success. The college works with industry partners and clients to develop and deliver a range of training programs and products designed to meet desired specifications. The quality of VICAS is continuously improved through a policy-based cyclical review process that seeks input from learners,

graduates, employers, industry advisors, faculty, and staff. Our college offers a residential campus that helps learners achieve successful outcomes by providing a safe and caring environment. Students at VICAS enjoy an easy access to a complete range of services designed to enable each of them to meet their educational goals.

Accredited with "B" Grade by NAAC, (National Assessment and Accreditation Council), the Institution has been in the forefront of women's education for nearly two decades. Also the institution availed 2(f) and 12 (B). During the current academic year 2013-14 our college has achieved a significant milestone in quality standard through ISO: 9001: 2008 Certification from TUV Rheinland (India) Pvt Ltd.

Sprawling over 10 acres, with a serene atmosphere and spiritual ambience, the Institution caters to the needs of nearly 8000 students, studying in various Arts, Science, Commerce and Management courses. A pioneer in the field of higher education, the institution houses excellent laboratories, a well-stacked, General Library and a Digital Library along with Language Lab and Computer Centre.

I would thank all the members of the Self Study Report committee. I appreciate the committed work of the NAAC coordinator Dr. L. R. Gopinath, and IQAC coordinator, Mr. B. T. Sureshkumar, and all other members of steering and self study report committees. It is my pleasure to present SSR to the NAAC for validation and accreditation.

Principal

### PART B

## **EXECUTIVE SUMMARY**



**Laboratory Activity** 





**Multispeciality Hospital** 

**Main Library** 

VIVEKANANDHA COLLEGE OF ARTS AND SCIENCES FOR WOMEN (AUTONOMOUS)

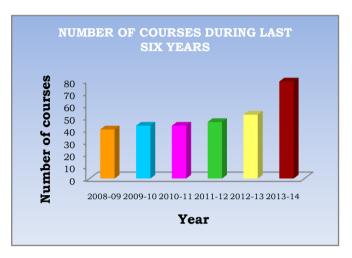
SELF STUDY REPORT SECOND CYCLE

#### **EXECUTIVE SUMMARY**

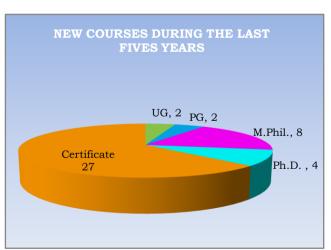
#### Criterion 1-Curricular aspects

At present 6678 students are pursuing 19 UG, 17 PG, 12 M. Phil. and 7 Ph. D. programmes in our college. The students are from Karnataka,

Andhra Pradesh, West Kerala Bengal, and Manipur. In the light of **NAAC** accreditation instigated the management to attain academic freedom to achieve its goal through relevant courses and timely change to suit the



local conditions to attain Autonomous status from UGC during 2011-12. As an Autonomous Institution, academic professionals of the college framed Curriculum and Syllabi, to cater the needs of the young women to fulfill the present Industrial needs to the local benefits. The students were empowered with confidence and required skills to face



the society. As a result the college introduced 2 UG courses and 2 PG courses and 27 certificate courses. Following Autonomous the status, college also attained 12(B) status strengthen the research facilities and increased 8 M.

Phil. courses and 4 Ph. D. courses and availed funding from national agencies like UGC, DST, TNDCE, etc. and international agencies.

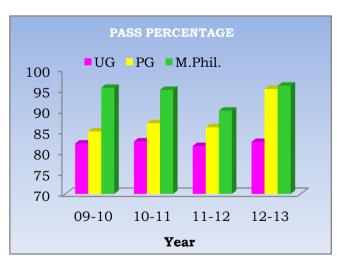
Curricular enrichment was addressed through Choice Based Credit System (CBCS) and introducing Yoga, Human Rights and Environmental studies as compulsory courses during non autonomous period. After obtaining autonomous almost all the departments redesigned the courses as per the local environment, feedback from industrial experts, academic experts, alumni through board of studies of each department. As a result bridge courses were evolved for newcomers, English department redefined the subject into communicative English. Number of elective courses were evolved for skill enhancement, placement, entrepreneurship development, etc., in their respective specialization.

Apart from the above, continuous feedback mechanism is developed at various levels about the institution, college, department and subject from the current students and parents through regular interaction on daily and periodical basis through board of studies. As a result their evaluation pattern, teaching methodology and subject content are regularly modified and updated.

#### Criterion II: Teaching, Learning and Evaluation

Effective teaching and learning of the institution is achieved through participatory mode with the students and parents. Constant evaluation takes place through students and parents feedback

industrial supported by needs. After getting recognized as autonomous institution by UGC Delhi, the institution has become completely stakeholder centered. Admission of students and their preference of subject is

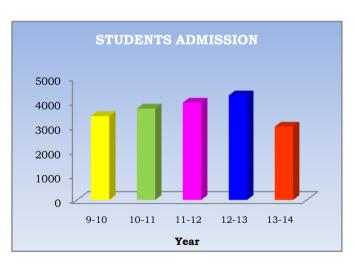


subjected to transparent counselling as per government norms. The social stratification showed increasing trend in SC and ST students which represented 14% to 15%, however the institution is dominated

with OBC students 60% to 65%, General category represent 20% to 25% and others around 1%. Among the different courses, the demand increased for Computer Science, English and Commerce and in 2014 a decreasing trend was noticed for the same courses where as the demand for Maths is increasing consistently. The biological sciences which had a decreasing trend in the last few years showed an increasing trend in 2014.

After admission, based on the students strength qualified staffs are recruited and staff orientation is given to fresh and junior staffs. In the beginning of the academic year, the first year students are given one month bridge course with an intention to prepare them for college level studies especially students from Tamil medium are encouraged and equaled with English medium students.

During the course of study, the students were facilitated with structured and unstructured feed back mechanism at teaching, department and college level handled by IQAC members, Principal and Chairman. Depending upon the feedback rectification is done as per



requirement. The college follows semester pattern (except M. Phil. and Ph. D.) with Choice Based Credit System (CBCS) for all subjects. Internal assessment is done through various assessment mechanisms

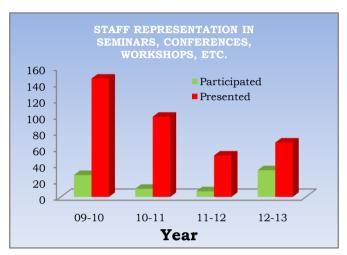
like, seminar, poster presentation, models, class tests, attendance, assignment, skit play, etc. Ratio of internal to external is 25:75. External exams are conducted with question paper setters from other colleges and universities and evaluated by external examiners in the college. Results are published in the college website on time and the

controller permits revaluation, transparency, re-exam for final year students, within 30 days after publishing the results.

#### Criteria III: Research and Consultancy and Extension

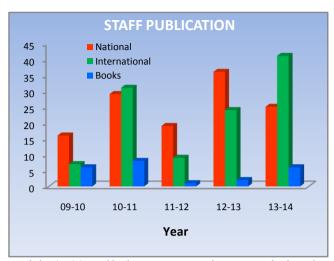
As per recommendation of the last NAAC committee, the institution focussed its concentration on research in the institution and

management extended support for staff to register Ph.D. increased Department were recognized research as centers supported and staff research through management fund and also availed 12(B) status from



UGC Delhi. Around 35 staffs registered for Ph. D. and 20 staff completed Ph. D. 33 staffs cleared NET/SLET/GATE in the last five years. 4 Ph.D. and 7 M.Phil. research centers were approved during last five years in which 422 M.Phil. scholars completed their research and 4 Ph.D. scholars out of 25 submitted their synopsis and published 30 papers in reputed journals. One Ph.D. scholar is availing DST INSPIRE fellowship and one Ph.D. scholar is availing TNDCE fellowship and 3 Ph.D. scholars are availing SC Scholarship for their research. 195 seminars were conducted at national and international levels during the last five years inviting 290 experts around the world. The Institution has 79 M. Phil. guides and 13 Ph.D. guides during 2014. Two minor projects from UGC have been sanctioned to the tune of 2.17 and 2.5 lakhs for Department of Biotechnology and Botany. The institution is recognized as IBM center of excellence.

Seven students from M. Sc. Biotechnology attended summer training course on research for two months in Jawaharlal Nehru University,



New Delhi. Bioscience organized department **National** Conference on Advancements in Transgenic Technology funded by CSIR in 2009, Level Seminar State Agro-Biotechnolgy in 2010 funded by DBT (Rs. 0.60

Lakhs), Tamil department is recoginized as resource center for National Testing Service (NTS), Mysore, Government of India, for Namakkal, Karur and Erode for developing question papers (Rs. 1,80,000/Year). Tamil Department conducted a National Seminar on Tholkappiathil Ikkala Mozhieyal Sinthanai, in 2012 funded by Central Institute of Classical Tamil (Rs. 1.50 lakhs). Department of Biosciences conducted an International Symposium in 2013 and a National Exhibition with Padma Shri Awardee Dr. T. Vengadapathy Reddiar Horticulturist from Pondicherry and the college received Rs. 20,000/- for this exhibition from TNSTC. Principal Dr. S. Murugesh received "Best Teacher" award from Dr. A.P.J. Abdul Kalam in 2013. Dr. A.P.J. Abdul Kalam,

our former president visited the college and encouraged the students to conduct research. productive Department of Bioscienses provides free consultancy services for neighbouring farmers in mushroom



cultivation, biofertilizer production, food processing, basic awareness on health & hygiene and crop management.

Empowerement of neighbouring villages with social activities is carried out with our NSS, YRC, RRC and Consumer club team members. MoU's have been signed with 76 institutions for resources sharing by different of the Our departments college. College faculty L. R. Gopinath is being involved in policy advocy with Dr. M. Swaminathan Research Foundation, Chennai, Bangalore, GENE Campaign, New Delhi.

#### **Criterion IV: Infrastructure and Learning Resources**

The College has all the necessary infrastructural facilities in terms of modern class rooms, laboratories equipment, Computer Labs and internet connectivity of 17 mbps and department library. The number of computers has increased to 976, 32 Printers, 15 LCD Projectors and 6 Scanners cum printers. Individual Seminar hall, Computer lab,



Interactive faculty cabin and Department Library have been newly constructed for the departments of Tamil, English, Computer Science & Applications and Commerce & Management. Modernized Cafeteria and Departmental Store have been created in

our campus. New CUB ATM was started apart from IOB ATM. To enhance the communication skills of our students who are mostly from rural area, three separate communication labs have been established in English Department, Commerce Department and Computer Science Department with adequate software and hardware. New individual toilets and common toilets for both faculty and students were constructed.

The library holdings are increased as a regular annual feature, providing easy access to the reading material to the students. Nearly

8000 volumes worth of nearly Rs.16 lakhs werer purchased during the current academic year. Our management has been magnanimous enough to provide funds for each and every department, department wise seminar hall and library to enable the student community to upgrade their knowledge and reading skills. Almost we have 53,000 volumes of books, and 140 national journals, 24 International Journals and 30 Magazines are subscribed. EBSCO, DELNET and N-List, three online packages, are subscribed for the betterment of the students at the cost of nearly Rs.3 lakhs. Our Librarian Mr. Boopathi has received "Best Librarian Award" from SALIS, sponsored by UNESCO organization.

#### Criterion V: Students support and progression

Nine NSS, YRC, RRC units are operating in our college since 2012 which strives to groom the students to be leaders in all walks of life and render their services to the welfare and betterment of the society. Through this activity the students have constant interaction with the neighbouring villages and addresses all the needs for their over all socio-economic development in a sustainable manner. Every year more than ten programs are conducted on environmental awareness, health awareness, basic education, blood grouping, small savings, etc. Note worthy during 2013-14 is that our NSS students organized an activity to create awareness on genetic diseases, Cancer and AIDS. Thus it fosters a sense of social responsibility and help them to become socially responsible citizens.

Women Development Cell (WDC) was constituted for the specific purpose of empowering our women students and Staff Community. The WDC has arranged various awareness programmes for our students and counselled them from time to time on various issues.

Our WDC was inaugurated on 3<sup>rd</sup> of January 2014. On behalf of WDC, health awareness programmes like "Protein Energy and Mal

Nutrition", "Sanitation and Menstural hygiene and Early Diagnosis and prevention of Breast Cancer", were organized. Women empowerment programs such as "Power of Women Empowerment" "Mahabharathathil Penniyam" were also conducted in coordination with 12 of our departments.

The Citizen Consumer Club (CCC) of our college was inaugurated on 5th of October, 2013. The primary objectives of this club are to create awareness among our students about their role, the various provisions of the Consumer Protection Act, to educate them regarding their rights and responsibilities as consumers and to reach-out the public far-near. Our Citizen Consumer Club has organized different types of activites such as rally, awareness programme and poster presentation by our students on the topic of Food safety and consumer awareness.

The Institution conducted hockey tournament at university level during 2009-10 and National Power lifting championship in 2012-13. Sport students of our college has been encouraged to participate in different types of tournaments in zonal level, university level and open tournaments. Miss. S. Logeswari of Computer Application department bagged gold medal in Power lifting in all India Inter University level of 2011. Our students in 2013 got best Power lifting award at National Level.

Placement cell is playing a pivotal role in our college. It has added a new dimension trainings a components and functions as a placement and training cell. We have placement trainers for communication, aptitude, personality development. Trainers are also invited from other institution and industries to train our final UG and PG students. Each department have placement coordinators for continuous support to the final year students for placement. During this current academic year, 162 students were recruited by renowned companies like TCS, CTS, Wipro, AMAZON etc. This year the placement cell has also

initiated a English Academy which is like VETA and offers spoken English courses for our students.

Our college has become one of the pioneer institution and has the credit of placing students at top levels in different sectors both in government and private within the country and abroad. Notably one of our students is in government project in Australia; six students completed Ph.D. and settled in Canada, Singapore, Malaysia, etc. At present, atleast 30 percent of the students move from UG to PG and 5 percent move to research.

#### Criterion VI: Governance, Leadership and Management

Based on the vision and mission of the institution, management council develops policy from time to time in consultation with the Administrative body, Governing Body, Finance Committee and Academic Council. Based on the policy, each department evolves an annual plan of action which is communicated to the principal. The principal after ratification communicates to respective committees for approval and implementation. The institution believes in transparency and partnership between different stakeholders in evolving different action plan. Board of Studies is given academic freedom to design, develop and implement appropriate curriculum for teaching and evaluation process with the guidance of Academic Council and Governing Body.

Principal along with IQAC coordinator, research coordinators and other coordinators (NSS, RRC, YRC), committee members, trainers, placement officer, admission officer obtain time to time feed back and organize capacity building programs for staffs, students, parents, and neighbouring communities in networking and capacity building exercise on Teaching methodologies, Class room management, Communication skills, Planning and Execution skills etc.

Head of the institution regularly moniters staff and students towards effective implementation of curriculum and obtains regular feed back from students and teachers. Based on the feedback, decides the strategy to be adopted to enrich teaching and learning process for the successful development of student career. This leads wholesome development of annual budget through which the required infrastructural and other facilities are fulfilled and used for students' welfare.

#### **Criterion VII: Innovations and Best Practices**

Based on NAAC criteria and policy the Institution has redesigned its approaches towards all seven criteria's and policy. Teaching and learning culture have been a participatory mode with all stake holders, teachers and students as key players. Motivation and building ownership to all stake holders has become key factor in success.

Institution is committed in providing education for rural and poor women in the region for which free transport facility is provided to the surrounding villages in the radius of 150km with nominal fee structure. For students coming from far off places, hostel facility is functioning since 1995. It has two individual blocks one PG block and one UG block with good dining hall and students' choice menu is provided. The campus is connected with good roads and greenery around. It has refreshment and recreation spots like garden, sports, gym, TV rooms, beauty parlour, toilets, cafeteria, departmental stores, etc. A branch of Indian Overseas Bank, with two ATM facilities is available.

Clean and fresh environment is provided to the students with sophisticated reverse osmosis water purification system, waste water treatment plant, biogas production unit from waste, etc. All roads and

### VIVEKANANDHA COLLEGE OF ARTS AND SCIENCES FOR WOMEN (AUTONOMOUS) SELF STUDY REPORT

places are lighted with good lamps and 100% security for women students is provided.

Women teachers are permitted to stay in the women's hostel with free accommodation and food and Wi-Fi connections to support students academic activity, library is opened even after college hours for the students to concentrate on academic and prepare for higher studies and research.

#### **SWOC- ANALYSIS**

STRENGTH	WEAKNESS
Qualified and well experienced faculty members	Staff stability
Well equipped Digital Library.	Classical Subjects
Good infrastructure and well equipped Laboratory	Lack of interest for higher
Industrial visit	studies.
Safety and Security for hostel inmates	Students refrain to undertake
Extended transport facility free for students and staff	higher studies
Encourages the students to achieve in sports	Lack of communication in the students
Help the students to excel in their extra curricular activities	students
Conducting exhibitions to bring the innovative ideas and challenges to the world	
• Encouraging the students to participate and win in Paper, poster,	
exhibiting a model presentation in outside the colleges.	
• Training program are conducted to the students to make self confidence in	
their knowledge and communication skills	
Calm and an ambient atmosphere to achieve academic excellence	
OPPORTUNITY	CHALLENGES
After UG, Students have the opportunity to select the various fields for	High competition, Creating
their higher studies.	awareness among the students
Students have the wide opportunity for Government Jobs.	Updation of curriculum for day
Students can do research work with fund	today life activities and
Research institute such as BSI, CDRI, IFGPT, Spices Board, Botanical	opportunities
Gardens, ICMR etc.,	Challenges on bringing below average students into
Placement for deserving students-on compus drive.	extraordinary students
Management contribution for physically disabled students.	
• Providing free education/fee concession for the daughter of non teaching staff	absenteeism after a long
Women development through women development cell.	holiday
Awareness on consumer rights through citizen consumer club.	Strives to build confidence
Fee concession for parentless and poor	among students
Free education for meritorious students through Arivu thiran.	
Free education for those who excel in sport	
Guide the students to get educational loan from bank	
Scholarships at regional, state and National	
Choice Based Credit System	

## PART 1

### **COLLEGE PROFILE**



IT Block



**ATM** 

Computer lab



Cafeteria

VIVEKANANDHA COLLEGE OF ARTS AND SCIENCES FOR WOMEN(AUTONOMOUS)
SELF STUDY REPORT SECOND CYCLE

#### PART 1

#### **OUR COLLEGE PROFILE**

#### 1. Name and address of the College:

Name: VIVEKANANDHA COLLEGE OF ARTS AND SCIENCES FOR WOMEN

(AUTONOMOUS)

Address : ELAYAMPALAYAM,

City: TIRUCHENGODE District: NAMAKKAL Pin: 637 205

State : TAMIL NADU

Website: www.vicas.org

#### 2. For communication:

Designation	Name	Telephone	Mobile	Fax	E-mail
Principal	Dr. S. SEETHALAKSHMI, M.Sc., M.Phil., Ph.D.	0-04288234242	09443316500	04288234033	vicasprincipal @gmail.com
Vice Principal	Prof. B. T. SURESHKUMAR, M.Sc., M.Phil.,	O-04288249415 R-04288281766	09443316504 09443966766	04288234033	vicasmicrobi ology@gmail. com btsmicro@g mail.com
Steering Committee Co-ordinator	Dr. L. R. GOPINATH, M.Sc., Ph.D. HOD, Biotechnology	O-04288249415	09443316505	04288234033	vicasbt@gma il.com

3. Status of the Autonomous College by management:

Government

Private

Constituent College ×

4. Name of University to which the College is Affiliated

Periyar University, Salem.

5. a. Date of establishment of the college: 24/07/1995

b. Date of grant of 'Autonomy to the College by UGC: 08/02/2011

#### 6. Type of Institution:

- a. By Gender
  - i. For Men
  - ii. For Women  $\sqrt{\phantom{a}}$
  - iii. Co-education
- b. By shift
  - i. Regular
  - ii. Day
  - iii. Evening
- c. Source of funding:
  - Government ×
  - Grant-in-aid ×
  - Self-financing √
  - Any other ×

#### 7. Is it a recognized minority institution?

YES

NO

#### 8. a. Details of UGC recognition:

Under Section	Date, Month & Year (dd-mm-yyyy)	Remarks (If any)
i. 2 (f)	25-08-2008	College included under section 2(f) Ref. No. 8-345/2007 (CPP-I)
ii. 12 (B)	11-06-2012	College included under section 12(B) Ref. No. 8-345/2007 (CPP-I/C)

(Annexure I and II)



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

Under Section/ clause	Day, Month and Year	Validity	Programme/Ins titution	Remarks
i	10/05/2012	1 year	MCA	File No. Southern/1-720590752/2012/EOA
ii	10/05/2012	1 year	MBA	File No. Southern/1-720590752/2012/EOA

(Annexure III)

#### 9. Has the college recognized?

a. By	UGC as a	College with	Potential for	Excellence	(CPE)	2
-------	----------	--------------	---------------	------------	-------	---

Yes X No V

b. For its contribution/performance by any other governmental agency?

Yes X No √

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

Location *	Rural
Campus area	10.07 acres
Built up area	17814.64

- 11. Does the College have facilities on the campus (Tick the available facility) In case the College 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 infrastructure facility

 $\sqrt{\phantom{a}}$ 

• Sports facilities

Play ground

swimming pool

> gymnasium





## VIVEKANANDHA COLLEGE OF ARTS AND SCIENCES FOR WOMEN (AUTONOMOUS) SELF STUDY REPORT

- Hostel
- ❖ Boys' hostel
- Girls' hostel

i. Number of hostels

ii. Number of inmates

iii. Facilities



- 1500

S. No.	Cadre	Numbers
1	RO Plant	Available
2	Television Room	Available (4 Rooms)
3	Common Room	Available
4	Gymnasium	Available
5	Telephone	Available (30 instruments)
6	Wi-Fi facility	Available
7	Beauty Parlour	Available (7Seats)

Working women's hostel

- No

• Residential facilities for teaching and non-teaching staff

S. No.	Cadre	Numbers
1	Principal	House Available
2	Professors	19
3	Staff	107
4	Telephone	Available (2 instruments)
5	Television Room	Available (1 Room)
6	RO Plant	Available
7	Gymnsium	Available (2 Halls)
8	VIP Guest	Available

- Cafeteria
- Health centre
- \ \[\sqrt{}\]

Multispecialty hospital available

- > First aid facility
- $\sqrt{}$
- > Inpatient facility
- $\sqrt{}$
- Outpatient facility
- $\sqrt{}$
- Ambulance facility
- $\sqrt{}$
- > Emergency care facility
- $\sqrt{}$

Health centre Staff



Qualified Doctors

Full time √

Part time

 $\sqrt{\phantom{a}}$ 

Qualified Nurse

Full time

 $\sqrt{\phantom{a}}$ 

Part time



• Facilities like

Banking

 $\sqrt{}$ 

> ATM

 $\sqrt{}$ 

Post office

×

Book shops

- $\sqrt{}$
- Transport facilities to cater to the needs of students and staff



Animal house

**V** 

Biological waste disposal

 $\sqrt{}$ 

 Generator or other facility for management/ regulation of electricity and voltage

١,	

S.No	Capacity	Available	Total Nos.
1	250KVA	Generator	1
2	45KVA	UPS	1

- Solid waste management facility
- Waste water management



Water harvesting

 $\sqrt{}$ 

Vehicle Stand

 $\sqrt{}$ 

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

Sl. No.	Programme Level	Name of the Programme/ Course	Duration	Entry Qualification	Medium of instruction	Sanctioned/ approved Student strength	No. of students admitted
1	Under- Graduate	B.A., B.A.(CA)., B.Sc., B.Com., B.Com.(CA)., B.B.A., B.B.A.(CA)., B.C.A.	3yrs	H.Sc.	EM (Except B. A. Tamil)	1850	1378
2	Post- Graduate	M.A., M.Sc., M.Com., M.Com.(CA)., M.B.A.	2yrs 3yrs	B.A., B.A.(CA)., B.Sc., B.Com. B.Com.(CA)., B.B.A., B.B.A.(CA)., BCA	EM	820	424
3	Integrated Programmes P G	Nil	Nil	Nil	Nil	Nil	Nil
4	M.Phil.	M. Phil.	1yr	M.A., M.Sc., M.Com., M. Com.(CA).,M.B.A., MCA	EM	185	117
5	Ph.D.	Ph.D.	2-5yr	M.A. M.Sc. M. Com., M.Com.(CA)., M.B.A., M.C.A., M.Phil.	EM	47	25
6	Certificate courses	Diploma in Networking	6 Months	H.Sc.	EM	-	-
7	UG Diploma	-	-	-	-	-	-
8	PG Diploma	-	-		-	-	
9	Any Other	-	-	-	-	-	

#### 13. Does the college offer self-financed Programmes?

Yes No X

If yes how many

S. No.	Courses	Number
1	Undergraduate Courses	19
2	Postgraduate Courses	16
3	Master of Philosophy	12
4	Doctor of Philosophy	7

# 14. New programmes introduced in the college during the last five years if any? If yes how many

Yes √ No ×

S. No.	Courses	2009-10	2011-12	2012-13	2013-14
1	Undergraduate Courses	Nil	B.Sc (C T ) B.Sc (I T)	Nil	Nil
2	Postgraduate Courses	MBA	M.Sc (IT)	Nil	Nil
3	Master of Philosophy	Tamil, English, Chemistry and Botany. Physics and Zoology	Nil	Maths, and Computer Science	Nil
4	Doctor of Philosophy	Botany	Nil	Tamil	Chemistry and Commerce

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

Faculty	Particulars	Number	Number of students
Science	Under graduate	12	2170
	Post gradute	11	483
	Research Centers	09	78
Arts	Under graduate	03	1147
	Post gradute	02	219
	Research Centers	02	30
Commerce	Under graduate	04	1146
	Post gradute	03	731
	Research Centers	01	19

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

#### NIL

<b>17.</b>	Number	of F	Programmes	offered	under	(Programme	means	a
	degree c	ours	e like BA, B	Sc, MA,	M.Com)			

a. Annual syst	em $\sqrt{}$	All research courses
b. Semester sy	rstem $\sqrt{}$	All UG & PG courses
c. Trimester sy	vstem 🗶	

#### 18. Number of Programmes with

a. Choice Based Credit System

b. Inter/Multidisciplinary Approach



c. Any other (specify and provide details)

#### 19. Unit Cost of Education

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

(a) Including the salary component

Rs.12,948/-

(b) excluding salary component

Rs.6905

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

Yes ×



No √



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

Yes **×** No √



22. Whether the College is offering professional programmes?





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

Yes, reviewed by ISO audit. (Annexure IV)



#### 24. Number of teaching and non-teaching positions in the college

	Teaching faculty							Non-			
Positions	Professor		Associate Professor		Assistant Professor		teaching staff		Technical staff		
	*M	* <b>F</b>	*M	* <b>F</b>	*M	* <b>F</b>	*M	* <b>F</b>	*M	* <b>F</b>	
Sanctioned by the UGC / University / State Government Recruited	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	
Yet to recruit	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	
Sanctioned by the Management/society or other authorized bodies <i>Recruited</i>	13	10	17	26	81	231	13	21	8	26	
Yet to recruit	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	

<sup>\*</sup>M-Male \*F-Female

#### 25. Qualifications of the teaching staff:

Highest qualification	Pro	fessor	Associa Profess		Assista Profess	Total	
	Male	Female	Male	Female	Male	Female	
D.Sc./D.Litt.	Nil	Nil	Nil	Nil	Nil	Nil	Nil
Ph.D.	13	10	4	8	3	5	43
M.Phil.	Nil	Nil	13	18	53	169	253
PG	Nil	Nil	Nil	Nil	25	57	82

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

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

Students	UG	PG	M.Phil.	Ph.D.
From the state where the College is	5227	1399	111	14
located				
From other states of India	52	32	1	1
NRI students	Nil	Nil	Nil	Nil
Foreign students	1	Nil	Nil	Nil
Total	5280	1431	112	15

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

UG 3.4% PG 2.5%

26

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

Semester	2013-14
I Semester	98
II Semester	100

30. Number of teaching days during the last academic year

Semester	2013-14
I Semester	90
II Semester	90

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

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

S. No.	Department	UG	PG	M. Phil.	Ph.D.
1	Biochemistry	1:14	-	1:1	-
2	Biotechology	1:20	1:15	1:5	1:7
3	Botany	1:20	1:15	1:3	1:3
4	Chemistry	1:20	1:15	1:3	-
5	Commerce	1:20	1:9	1:5	-
6	BBA/MBA	1:12	1:5	1:5	1:5
7	CS	1:19	1:15	1:3	1
8	English	1:20	1:15	1:3	-
9	IT	1:20	1:15	-	1
10	Maths	1:20	1:15	1:5	1
11	BCA/MCA	1:17	1:15	-	-
12	Microbiology	1:20	1:15	1:3	1:3
13	Physics	1:20	1:15	1:3	-
14	Tamil	1:20	1:15	1:3	1:5
15	Zoology	1:16	1:15	1:3	-

#### 33. Is the college applying for

Accréditation : Cycle 1 X Cycle 2 V Cycle 3 X Cycle 4 X

Re-Assessment: X

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

Cycle 1:Accreditation Outcome/Result : **'B' June 15,2009** 

**Cycle 2:** Accreditation Outcome/Result : Current application

(Annexure V)

35. Date of establishment of Internal Quality Assurance Cell (IQAC)

IQAC : 03/08/2009

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

AQAR (i) : 11.12.2013

AQAR(ii) : 11.12.2013

AQAR(iii) : 11.12.2013

AQAR(iv) : 11.12.2013

36. Any other relevant data (not covered above) the college would like to include. (Do not include explanatory/descriptive information).

NIL

## PART 2 & 4

### **CRITERIA-WISE INPUTS**



Rejuvenated Staff Room



Students with modern equipments



Placement Drive



**Modernization of Buildings** 

VIVEKANANDHA COLLEGE OF ARTS AND SCIENCES FOR WOMEN SELF STUDY REPORT SECOND CYCLE

### CONTENT

**CRITERIA 1** 

**CURRICULAR ASPECTS** 

25-41

**CRITERIA 2** 

TEACHING-LEARNING AND EVALUATION

42-72

**CRITERIA 3** 

RESEARCH, CONSULTANCY AND EXTENSION

73-122

**CRITERIA 4** 

INFRASTRUCTURE AND LEARNING RESOURCES

123-141

**CRITERIA 5** 

STUDENT SUPPORT AND PROGRESSION

142-173

CRITERIA 6

GOVERNANCE, LEADERSHIP AND MANAGEMENT

174-203

**CRITERIA 7** 

INNOVATION AND BEST PRACTICES

204-213

## 2. CRITERIA – WISE INPUTS CRITERION I: CURRICULAR ASPECTS

#### 1.1 Curriculum Design and Development

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

The college has meticulously planned the curricula which reflect the mission that leads to achieve the vision of the institution. The dynamic curriculum is the predominant feature of the autonomous



status of the college. The quality of the education includes competence along with adequate training and with the outcome achieved by the students is periodically monitored by academic audits. The curricular changes and modifications are scrutinized at departmental and institutional levels prior to implementation of the curriculum. Curriculum Monitoring Boards are formed from both internal and external experts.

The main aim of institution is to secure social equity for women through proper higher education. To get social equity for women the only suitable way is to get education. So, the curriculum is more meticulous on giving proper education that will secure the social status of women. To achieve this vision, the curricula are designed such a way to overcome all obstacles of women education.

Women education encompasses more obstacles and social complexities. So, the curricula must include their actual and immediate needs. Thus, the college provides courses from UG to research level at one roof. The curricula ensure the innovative

teaching methods and women friendly environment for their education.

The Board of Studies comprises subject experts (Educationists), field experts (Industrialists), all the faculty members of the department, student representatives and alumni. The Curriculum planning and evaluation committee and the Internal Quality Assurance Cell (IQAC) consist of the internal experts and the Academic Council is the passing body of curriculum reforms which comprises the external experts from various sections of the society. The college curriculum is designed to develop higher order life skills and knowledge based management skills based on the Choice Based Credit System (CBCS).

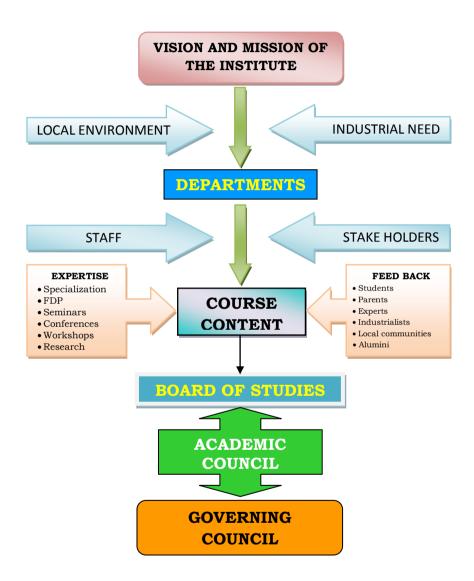
To ensure the social compatibility of every students the curricula is designed to bring out spiritual ambience directly and indirectly and the moral uprightness among youth. The value based programmes such as yoga practices and value for life are offered to all UG students in the semester I. The value based courses include personal and social values needed for life and to distinguish between the right and the wrong among the students.

The extension activities such as students clubs for various specific purposes are also included in the curricula and all these activities are executed in a regular basis to mould the overall personality of the individual students with social responsibility and commitment.

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

The Chairman and Secretary of the Institution Dr. M. Karunanithi, serves as senate member of the affiliating University during from 05.06.2012 to 04.06.2015. Staff of the institution serves as syndicate member and number of staff represents as board of studies, chairman and board of studies member of the affiliating University. Principal of

the college served as university nominee in academic council member. Students of the college represent various academic and sports units for university and parents share their feed back to the university regularly. The curricula development is started from the planning and ends with evaluations which will be a core idea for the next level of curricula development.



The Department meetings will be the first step for collecting feedback from the staff members and students. The feedback from the department and further series discussions with Controller of Examinations, the Principal and the Head of the Departments give an out line for the changes for the curricula. Then it will be discussed in Board of studies. Students strength, present scenario of the syllabus

content, job opportunities, feedback from placement cell, industrial experts and feedback from alumni members are taken into account in the development of syllabus. The vision of the institution will be the core idea of our syllabus. Governing council and Academic council ensure the syllabi of each Department aheading towards the mission.

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

The college interacts with industrialists, experts, research bodies and civil society experts for curriculum development process. Based on the UGC norms each department constitutes a Board of Studies which includes subject experts, academicians from other universities, members from research bodies and civil societies. The Academic Council includes members from Industries, Education, Civil Society, Universities and State Government. Based on the suggestions and expectations from Board of Studies and Academic Council, a suitable syllabus is framed.

#### \* Industry

Indirect feedback is obtained from the industry through industrial visits and industrial trainings. The industrialists are invited as experts from various industries for discussion in framing the new syllabus. The expectations of the industrialists with regard to students' knowledge for placements are understood through the experience gained from their visits to the departments concerned. The departments like B.B.A, Commerce and Commerce (CA) framed new syllabi based on the suggestions from Tata Consultancy Services (TCS).

#### \* Research Bodies

Practical demonstration and workshops are conducted for students and faculty members by eminent scientists and other experts who are in active Research. They interact with the students and faculty members and explain the current needs, demands, issues and management of research. The feedback obtained from such experts is duly respected during the development of the curriculum for the programmes.

#### \* Civil Societies

The experienced personalities from various walks of life like auditors, doctors and lawyers are invited for the Academic Council to obtain the feedback about the academic and professional requirements for restructuring the curriculum.

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

#### \* Employability

The college focuses on the multi skill development of students through their subjects to the changing needs of the society. For example, the curricula for BBA, BBA (CA), B.Com, B.Com (CA), Physics, Chemistry, Electronics & Communication, Microbiology and Biotechnology have been designed as per the needs of the industries and other organizations offering employments to the students.

The practical and training is integral part of the curriculum in various science related programmes. The laboratories are well equipped with the latest and sophisticated instruments for learning, practical exposure and development of knowledge based skills of the students. Designing the UG curriculum for BBA (CA) & B.Com. (CA) is done with an aim at increasing the employability of the students. B.Sc. (Microbiology) supplemented with Human Physiology enhances the job opportunities in Medical Coding sector. B.Sc. (Biotechnology) supplemented with Seed Technology and Herbal Technology increases the employability skills required for seed and pharma marketing companies.

The college has redesigned the PG Curriculum to cater to the demands of students to get through the competitive exams like SET, UGC NET, CSIR, etc. Elective Programmes such as SBEC, NMEC and EDC have been introduced to improve the skills and employability of the students.

#### \* Innovation

The academic freedom of the college has ensured the freedom for innovations in the CBCS method. The systems incorporate academic flexibility which provides greater opportunities for the students to learn.

#### \* Research

Experts from different industries are frequently invited to respective departments for special lectures, training programs, seminars, workshops, placement training, board of studies meetings, etc. Students were taken for frequent industrial visits. MOU's were signed by different departments with their respective industries to share their resources in research and employment. The institution is recognized for 12(B) by UGC which facilitates students and staff in getting research scholarships/funding from institutions like DST, UGC, DBT, state higher education, MoEF, etc. Professors, experts and scholars from respective department of the parent departments

share their knowledge through special lectures, seminars, confereces, training programs, etc.

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

The main objective of mission is to ensure the social development of rural women that is a major national issue also. Our curricula try to overcome this national issue by giving education with social morality, economical development and social welfare activities.

As it is a Women's College, the institution gives more concentration on moral and ethical values. There are so many seminars and lectures on moral values and ethical status of our community. Morality and ethical values are strictly followed from dress code to class room activities. Regular counseling and face – face discussion are conducted for needy students.

The institution takes care of in campus and off campus interviews from various companies and proper training are given for Government competitive examinations. By the means of life skills, proper nutrition, and mental counseling are given to needy students at accordance with their age and personal family situation.

For better career options, there is placement cell in our institution. It takes care of students' opportunities for their better jobs. Employable and impart knowledge and skills are given more importance to develop the economic status of our students as the major vision of institution. Free training programmes in Communication skills and basic corporate etiquette are offered by various MNCs and placement officers from nationwide. Campus interviews and job fairs are conducted regularly

The students are involved in community orientation programmes

through the co-curricular clubs as a regular activity. In this institution NSS, RRC and Women Empowerment Cell are functioning.

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

It is advised by BOS member to include soft skills in English, it is added in the syllabus, and as per students requirements the institution offers training program for TNPSC, BSRB and other competitive examinations. Peer review method and feed back model are used to monitor and evaluate the quality of enrichment programmes. The teachers in the respective Boards of Studies (BOS) play a vital role in updating syllabi and making them more relevant to the society and industry. They collect feedback from faculty, students, alumni and employer and communicate the information and feedback for appropriate inclusion and decision of the Board of studies, through University representative and our faculty members representing our college.

#### 1.2 Academic Flexibility

## 1.2.1 Give details on the following provisions with reference to academic flexibility.

#### a. Core / Elective options

All our UG & PG programmes are under the Choice Based Credit System (CBCS), with flexibility for the students in allied course options, outside his/her discipline (through Non-Major Electives); thirteen credits need to be earned outside the group of related disciplines. For example, a student studying in any one of the Life Sciences programme shall earn some credits from outside the group of Life Sciences, say, from Physical Sciences,

Social Sciences etc. Number of SBEC and NMEC papers offered by the University and the probability of choice.

#### b. Enrichment courses

In tune with the emerging trends, in the most of the conventional programmes, the students are trained to use the internet to update themselves with the latest discoveries, inventions and concepts. Field trips, visits to places of academic interest, on-the-job training forms the part of curriculum. Guest lectures by subject are arranged periodically. Computer awareness, ICT exposure, community orientation, Career development programs, and EDP are given frequently to students in addition to the curriculum.

#### c. Courses offered in modular form

In addition to the university curriculum, the college offers 27 certificate courses -need based courses, to increase the employment opportunities of the students by developing various skills.

#### d. Credit transfer and accumulation facility

Apart from the regular curriculum the students are free to opt for the elective courses offered by other departments to earn extra credits. Each department offers two papers per discipline per semester and the student they can opt only for one paper.

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

There is a provision for concurrent study that a student in daycollege can simultaneously do a Certificate / Diploma/ PG Diploma programme in the evening college. Also a PG student in the first year of her study can simultaneously enroll herself for concurrent MBA programme offered by the parent University.

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

The courses are not developed specially targeting the international students. But most of the courses have the potential to bring in international students. The curriculum is mainly structured to cater to the needs and expectations of the local society.

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

The university permits since we do not have distance education our college doest have such programmes. We have a provision for studying dual degree programme through the parent University under the Periyar Institute of Distance Education (PRIDE). Students can study any degree / certificate / diploma program under PRIDE through our College.

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

Yes. The college is a self financing institution and hence all the programmes are financed by the management. Our core objective of curriculum is based on the women empowerment especially those from rural background. It is framed to develop their socio-economic development without any compromising the cultural backgrounds of each student. Flexible fee payment mode, admission process as per Tamil Nadu Government rules and regulations and guidelines, Experienced staff with salary that mentioned by UGC are notable in our institution.

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

Yes, we follow Choice Based Credit System. We follow this system for all UG and PG courses.

Choice Based Credit System and range of subject options

Study components	Courses	Credits
Language course (LC)	4	12
English Language course (ELC)	4	12
Core Course (CC)	13	60
Allied Course (AC)	6	20
Elective Course(EC) SBEC, NMEC	8	30
General Interest Course- (EVS)	1	2
Value Education (VED)	1	2
Gender Studies	1	1
Part IV & Extension Activities	1	1
Total	39	140

Details on the number of courses and credits per course in different PG courses

Study components	M. A./M.Com/M.B. A/ M. Sc.,			
Study components	No. of Courses	Total Credits		
Core Course (CC) including Project work	15	70		
Elective Course(EC) (Choice open within science group or Arts group) (I, II, & III Semester	5	20		
Total	20	90		

Details on credits for MCA program										
Туре	Course	<b>Total Credits</b>								
Core (Theory)	20	80								
Core (Practical)	10	20								
Core (Major Project	1	16								
Elective	5	20								
Professional Skill	1	2								
Skill Development	1	2								
Total	38	140								

### 1.2.6 What percentage of programmes offered by the College follows:

100% Programmes follow the Semester system.

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

There are no interdisciplinary programmes in our curricula. But research projects are undertaken interdisciplinary according the students' interests and need of time. Interdisciplinary projects are also under taken in the college among different departments. Resources and facilities are pooled for the benefit of all. Every year students from bio sciences undergo mostly interdisciplinary project works. These projects lead to successful publications.

#### 1.3 Curriculum Enrichment

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

The course curricula for all programmes (UG and PG) are reviewed once in three years (for UG) and once in two years (for PG) to make it socially relevant, job oriented and knowledge intensive. However, if emerging needs are felt, the Board of Studies can take the necessary action regarding the modification and restructuring of the courses based on the current industry requirements, placement records of the old students, opinions and feedback from alumni faculty and subject experts in association with all stakeholders. The curriculum design is based on the interdisciplinary skills, academic flexibility and employability with knowledge based skills, decision making and healthy human relations skills for emerging needs of students and other stakeholders.

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

#### \* Inter-disciplinary

Our CBCS syllabus gives a wide opportunity to all students have inter-disciplinary education. The curriculum design is based on the interdisciplinary skills, academic flexibility and employability with knowledge based skills, decision making and healthy human relations skills for emerging needs of students and other stakeholders.

#### \* programmes in emerging areas

In order to achieve academic excellence through autonomous status, the college plans to restructure the syllabus based on the emerging needs and employment prospects. In this regard, all UG and PG syllabus revised according the current trends.

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

Based on the UGC and TANSCHE guidelines, Semester system with CBCS pattern is followed. The autonomous status helps to improve the flexibility in curriculum design and development of existing UG and PG programmes. The major syllabus revision is done once in three years for achieving academic excellence of students. Most of the major syllabi are restructured after the autonomous status was obtained according to the current industry requirements, placement records, old students opinions, and feedback from alumni, faculty and subject experts. The revised syllabi are approved and implemented through the Board of Studies and Academic Council.

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

The value added courses aim at developing the various life oriented knowledge based skills, career training, community orientation, value education and employability. The value added courses were offered during the academicyears 2007-2011 before the grant of autonomy for the college. Since the autonomy, the value added courses have been restructured and added in the syllabus as skill based courses. After the autonomous status, the college has the flexibility to design the curriculum. Most of the departments have restructured their value added courses to part IV of the curriculum which includes all Non Major Elective Courses (NMEC), Skill Based Elective Courses (SBEC), Value education, Environmental Science, Human Rights, etc. for enrichment of higher order skills and knowledge based management skills of the students. The students have a choice to choose from various elective courses.

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

Department of English ensures the development of communication skills in English among the students. This department has a well structured curriculum to intensify the communicative skills among the students of various departments. A well furnished Digital Language Lab is functioning in the department and students make use of this facility to improve their communication skills.

Separate courses are designed in all the departments to develop computer awareness among students. Recently an ICT awareness workshop was organized by Equal Opportunity Centre as a part of Women Empowerment Program. This cell also facilitates student participation in skill development programmes and soft skill development activities held at various institutions.

#### \* Support for "slow learners"

Each department of our institution takes initiative for providing additional coaching classes for slow learners. These are conducted by the departments concerned after regular scheduled working hours. Scholar Support Programme and Additional Skill Acquisition Programme are also conducted to empower learners.

### \* Exposures of students to other institution of higher learning/corporate/business house etc.

Students from our institution are given opportunity to attend and participate in the programmes conducted by other higher education institutions. Students are encouraged to visit higher education institutions and the faculty members also accompany them in such programmes.

#### 1.4 Feedback System

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

The college enhances its performance by seeking feedback from students, employers and academic peers. A specified format is used to obtain the feedback. Student representatives are met once in month to obtain the grievances and feedback about the schemes introduced in the college. The views of students are consolidated and implemented. The students are also involved in providing a feedback about the teaching staff and their teaching methodologies.

Alumni meetings are conducted in the college periodically to ascertain their views on curriculum, infrastructure facilities and suggestion for improvement and development of the college.

Employers from various industries who come for conducting campus interviews suggest changes in the syllabi which are represented to the university through the members of Board of Studies and Senate. The outcomes of the feedback are introduction of SBE and NME, Soft Skill paper, Value Education, Gender studies as a part of regular curriculum and a paper on Teaching Methodology for the M.Phil. students were introduced. An opportunity is also provided to the students to improve their CIA. To enhance the soft skill of our students classes have been conducted for the same.

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

As the curriculum is based on the rural students, no the feedback mechanism is employed to elicit the feedback from national and international faculty on the curriculum.

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

Feedback from alumni is collected during the annual Alumni meet. Similarly feedback from employers, Industrial experts and the community is collected whenever they visit the college on account of Seminars/ Workshops/ Conference. Also during the industrial visits and internship programmes a detailed discussion is done to elicit the expectations of the stakeholders.

Based on the feedback obtained from the above mechanisms Board of Studies discusses the necessary changes to be done in the curriculum which is further discussed at Academic Council meetings. Enrichment of the curriculum thus made is informed to these stakeholders for better Industry-Institution co-operation and employment prospects.

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

During the last five years, the college has undertaken the following measures to ensure the quality sustenance and enhancement

- Meetings of departments, Board of Studies and Academic Council.
- The course curriculum are regularly assessed by analyzing the feedback from industrial experts, employers, alumni and other stakeholders for effective development of the course content.
- Inter departmental academic and stock audits. The IQAC monitors the quality sustenance through the direct observation of academic performance and feedback system.

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

#### CRITERION II: TEACHING - LEARNING AND EVALUATION

#### 2.1 Student Enrollment and Profile

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

The Institution ensures wide publicity to the admission process through prospectus, Institutional interactive website, Advertisement in Regional / National Newspapers and through advertisement in Local Television Channels, distributing Pamphlets to public, Flex boards in interior villages. The institution has a keen interaction with parents and students in all circumstance of admission. HODs, staff members as well as the admission cell staff are included in the interaction to clarify the doubts from the public and explain the facilities that presented here. Permitting the students to visit our college is also done to get an idea about the lab facilities available.

After that, the College ensures transparency in the admission process. The HODs scrutinizes the applications received and based on their marks obtained in the eligibility examinations an interview letter is sent to the candidate. The admission cell comprising of the Principal and HODs conducts the interview and the student is selected. Sometimes, the interview may be conducted on the day when application is received. The date of interview is based upon the students and number of applications received.

Admission is provided to all eligible candidates irrespective of caste, creed and place of birth. The institution takes due care of the norms set by the state Govt. and the affiliating University, regarding the eligibility of candidates. The selected students are informed their status over phone and the admission cell is ready to answer any quires raised by the students and parents

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

Merit of the students in admission – the eligibility for admission to UG is to pass in eligibility examination (HSc) but the counselling will be a deciding point of admission that ensures the capability of the student to continue the course that she has chosen.

The admission to PG and Ph.D. is purely based on the merit with entrance test that brings out the students' aptitude and knowledge on the subject. Then the counseling will ensure their admission.

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

The admission cell of this institution takes care of whole admission process throughout the year. After the admission is completed for the academic year, the cell convene the meeting for analyzing and reviewing the admission. The changes in process of admission, the need of any new concepts or procedure will be the main agenda of the meetings. Then, if there is any changes needed, the cell will recommend the management for the following year, and this cell is watching the changes mentioned by the Govt and University pertaining to the admission. The exams for scholarships, science fare, students awareness program which are the ways to have a keen relationship with public will be adopted by the cell to ensure the need of the public.

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

In line with the vision of our founder we offer value based education at affordable cost. Nearly 90% of our students belong to the socially backward communities and just above 50% come from rural areas. A part of these students are economically very weak. The Management offers student welfare schemes to tune of nearly Rs.75-90 lakhs every year which includes fee concessions, free transport and free hostel accommodation Special scholarships are given to the differently-abled students, Sports students which also includes fee waivers. The college takes necessary initiatives to acquire the scholarships offered by the Government and dispense it to the students immediately.

#### a) Students from disadvantage community (SC/ST, OBC)

The marginalized downtrodden rural students are given greater access to higher education as a policy by the college though the college ensures equity in admission by not discriminating on the basis of religion, caste and community.

#### b) Differently-able.

The college ensures admission for differently-abled, economically weaker sections and sports personnel students though they are not creamy at entry level.

#### c) Economically-Weaker sections

The college offers merit scholarships at various levels, and our motto is 'education must be given to deserved students and it should not be stopped because of economic status of the student.

#### VIVEKANANDHA COLLEGE OF ARTS AND SCIENCES FOR WOMEN (AUTONOMOUS) SELF STUDY REPORT

#### e) Sports personnel

The College offers seats under its extracurricular quota for applicants who have proficiency in music, dance and other cultural activities.

#### e) Any other

The college gives fee concession for financially backward students and single parented and orphan students.

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

Categories UG	Year (2012-13)			ear [1-12]		ear (0-11)		ear 9-10)
	Male	Female	Male	Female	Male	Female	Male	Female
SC	Nil	737	Nil	546	Nil	582	Nil	351
ST	Nil	63	Nil	46	Nil	43	Nil	35
OBC	Nil	3350	Nil	3620	Nil	3835	Nil	2313
General	Nil	1257	Nil	1233	Nil	1215	Nil	1332
Others	Nil	109	Nil	107	Nil	111	Nil	40

Categories PG	Year (2012-13)		(20	Year 11-12)	(20	Year 10-11)		ear 09-10)
	Male	Female	Male	Female	Male	Female	Male	Female
SC	Nil	178	Nil	168	Nil	127	Nil	73
ST	Nil	8	Nil	11	Nil	5	Nil	7
OBC	Nil	127	Nil	848	Nil	711	Nil	490
General	Nil	504	Nil	499	Nil	367	Nil	299
Others	Nil	36	Nil	29	Nil	35	Nil	28

#### VIVEKANANDHA COLLEGE OF ARTS AND SCIENCES FOR WOMEN (AUTONOMOUS) SELF STUDY REPORT

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

		09-10			10-11			11-12			12-13			13-14	
Departments	AR	Admi	DR	A R	Admi	DR	AR	Admi	DR	AR	Admi	DR	AR	Admi	DR
						UG									
Tamil	54	54	100	37	37	100	43	43	100	62	62	100	41	41	100
English	485	472	97.3	491	477	97.1	475	464	97.7	454	445	98	377	335	88.9
Mathematics	378	341	90.21	272	272	100	320	291	90.9	310	298	96.13	259	232	89.6
Physics	113	110	97.3	140	137	97.86	99	96	96.97	141	137	97.16	140	138	98.57
Chemistry	62	62	100	69	69	100	120	120	100	114	114	100	104	104	100
Botany	25	17	68	40	35	87.5	35	30	85.71	40	37	92.5	33	22	66.66
Zoology	58	55	94.8	56	52	92.9	57	50	87.7	71	68	95.8	78	73	93.6
Biochemistry				17	17	100	10	10	100	48	48				
Biotechnology	50	46	92	29	25	86.21	56	42	75	55	47	85.45	33	28	84.85
Microbiology	80	66	82.5	70	53	75.71	60	39	65	42	33	78.57	40	28	70
Computer Science	288	210	72.91	350	272	77.7	377	307	81.43	375	314	83.73	177	139	78.53
						1					-				
Computer Technology	160	148	92.5	262	184	70.23	213	162	76.06	240	220	91.67	63	59	93.65
Commerce	547	496	90.68	451	417	92.46	470	432	91.91	650	642	98.77	225	217	96.44
						PG							1		
Tamil	11	11	100	35	35	100	30	30	100	16	16	100	12	12	100
English	41	41	100	57	50	87.719	80	72	90	151	145	96.03	70	64	91.43
Mathematics	33	33	100	72	72	100	80	75	93.7	172	163	94.7	55	55	100
Physics	29	27	93.1	35	33	94.29	43	39	90.7	56	51	91.07	26	22	84.62
Chemistry	60	60	100	49	49	100	36	36	100	32	32	100	65	65	100
Botany	30	25	83.33	30	30	100	30	26	86.66	40	33	82.5	10	9	90
Zoology	53	50	94.3	54	51	94.4	45	41	91.1	44	41	93.2	35	31	88.6
Biochemistry	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Biotechnology	30	29	96.66	18	17	94.44	30	29	96.67	24	24	100	10	8	80
Microbiology	103	88	85.4	100	61	61	70	49	70	40	30	75	40	38	95
Computer Science	130	89	68.46	155	111	71.61	135	104	77.04	158	99	62.66	56	45	80.36
Computer Technology	45	45	100	89	89	100	89	89	100	61	61	100	52	51	98.08
Commerce	182	169	92.86	265	237	89.43	302	279	92.38	274	255	93.07	102	95	93.14
						M.Ph:	i1.					<u> </u>			
Tamil															
English	8	5	62.5	10	5	50	6	3	50	13	11	84.62	18	15	83.33
Mathematics	0			0			0			11	11	100	15	15	100
Physics	2	5	25	25	5	20	11	11	100	13	13	100	12	12	100
Chemistry	5	5	100	4	4	100	6	6	100	4	4	100	11	11	100
Botany	8	5	62.5	7	5	71.42	6	2	33.33	7	7	100	5	2	40
Zoology	6	4	66.7 0	3	0	33.3	10	6	60	10	7	70 0	5	3	60
Biochemistry	9	9	100	7	5	71.43	11	10	90.91	7	7	100	5	5	100
Biotechnology Microbiology	15	12	80	- 1	3	71.43	6	4	66.66	6	6	100	4	4	100
Computer Science	10	14	00				J	т	00.00	65	20	30.77	90	20	22.22
Commerce	17	13	76.47	20	14	70	18	15	83.33	16	14	87.5	20	15	75
						Ph.D	).								
Botany							3	1	33.33	3	2	66.66			
Biotechnology				3	2	66.67	4	3	75	1	0	0			
Microbiology										3	3	100			
WITCI ODIOIOS y															

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

We had integrated PG courses in bio sciences, but most of students do not want this mode because most of students want to get B.Ed degrees and some of them settled in family way. So, we stopped offering this type of integrated courses.

#### 2.2 Catering to Student Diversity

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

Yes, the college conducts induction programme for freshers. For 15 days, a Bridge Course is conducted for 3 hours per day. Since majority of the students are from rural areas and have completed their education till 12th std in Tamil medium, they have apprehension about English medium of education. Bridge course helps them to get out of this fear and face the task boldly.

All the freshers are given a head start in basic English grammar by the English Department. All the departments help their respective students by explaining the curriculum and how to approach it, how to utilize the resources such as library and laboratories.

Yoga classes are conducted everyday for two hours, for the students to keep their mind and body fit for studies. Yoga experts from World Community Centre (Vedhatri Maharishi Yoga Centre at Aliyar.) are deployed to conduct these classes. Apart from this, orientation programmes conducted by the respective departments to appraise the students on dress code, attendance, leave procedures, fee schedules, day order system, curriculum, examination pattern and evaluation process, etc.

Feedback is obtained from the students on Bridge course and Yoga class and it is analyzed by the Principal to make necessary changes in subsequent years.

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

Yes, after the admission and before the commencement of the classes students' concerns such as hostel facilities, transportation, course change, etc. are received by the HoDs of the respective students. The issues are addressed to the satisfaction of the students while maintaining the norms of the institution.

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

The entry level assessment/performance of the students is communicated to the staff members concerned in the departmental meeting so as to enable them to modify their teaching methodologies accordingly.

A short term Bridge Course in English is conducted to all students of first year. To bridge the knowledge gap of the enrolled students and to enable them to cope up with the programmes of their choice, the institution arranges remedial classes, enrichment courses, extension lectures, Seminars, Symposia etc. Further, the Career Counselling Cell of the College offers all services required for the purpose.

Departments also organize guest lecture with eminent subject experts to encourage the students to achieve their academic excellence. Group discussions on current topics are also arranged to inculcate leadership qualities among these students.

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

Yes, the college collects data through class mentor system on incremental academic growth of the students from disadvantaged section of the society. Based on these studies the college has initiated noon-meal scheme for the poor students. Also, the college provides endowment scholarships besides assisting them to collect various scholarships offered by the government.

The college provides ground floor class rooms if mobility is the concern of the disabled students. Blind students are provided with assistants to write their test and examinations. Conduction of the remedial classes is another initiative of the college to improve the performance of the slow learners. In effect, the study helps the college to identify and address the requirements of the students from the disadvantaged sections of the society as cited above.

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

Advanced learners are identified through their performance in the series of tests conducted and also through their involvement and interactive nature during the teaching. These advanced learners are encouraged to utilize the vast resources of our well equippedlibrary and advised to study articles from reputed journals. They are encouraged and assisted to participate in inter collegiate-competitions of academic nature and helped to prepare paper presentation and publication. These students are also guided to prepare for the competitive exams like NET/SLET, UPSC and other bank exams.

#### 2.2.6 How does the institution cater to the needs of differentlyabled students and ensure adherence to government policies in this regard?

The college has set up different committee like fine arts, students' welfare and Women's Development Centre. When differently abled students are admitted in the college, the Departments request the committee for allocating the class rooms that have minimal inconveniences to the differently abled students.

#### 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.)

At the beginning of the every academic year, academic calender and teaching plan are published. Once in three years, the syllabus is revised and BoS will decide it. The question bank is also published at the same time. Proposed dates of academic activities like guest lectures, seminars and conferences along with the budget will be presented at the year beginning and followed by further meetings.

The faculty of the college prepares yearly subject-wise teaching plan well in advance of the academic session and submits the same to the Principal. A plan for departmental subject tours, home assignment, seminars, group discussions and internal sessional examinations is also prepared. The faculty follows a lesson plan prepared at departmental level. The lesson plan contain details on instructional objectives to be achieved, the course content to be covered, and the kinds of Audio visuals to be used and the logistics inside classroom.

Planning and preparation for laboratory work like experimental procedures and other protocols are made available to students. The unit wise syllabi are discussed and accordingly course work is distributed among the concerned faculty. The plan enables the faculty and students to complete the prescribed syllabi well in time. It also helps to maintain transparency in teaching learning process. At the end of every two months, reports regarding the coverage of syllabus are submitted to the Principal. In case of any deficiency with regard to completion of syllabus, remedial classes will be arranged.

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

Yes, the course outlines and course schedules are provided by each faculty prior to the commencement of the academic session. The college hand book (calendar) provides the course patterns and course codes for both odd and even semesters of UG and PG courses and each department provides the syllabus book to each student for the purpose of learning the course outlines such as languages, allied & major theory papers, practical papers, and elective papers that include NMEC, SBEC, EDC papers, etc. The time table is also given to all the classes of UG and PG courses prior to the commencement of new academic session.

The effectiveness of the process is ensured through periodical monitoring by the Heads of the Departments. A report is prepared, discussed and used for the improvement of academic work plan.

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

Most of the courses predominantly follow the lecture method. Besides, various teaching methods are followed to make the students understand the subjects. The following teaching-learning methods are practised by the faculty members. The students are encouraged to refer various books

other than the prescribed text book from the vast resources available in the central library. They encouraged to share their knowledge thus obtained with other students through class seminars. Our laboratory classes play a vital role to impart practical experience of the concepts they have learned through theory classes. ICT enabled teaching methods enrich their potential for learning.

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

To create an atmosphere of enrichment of knowledge, the following methods are taken by the college. This includes presentation of seminars, writing assignments, class room discussions, projects, industrial visits and student seminars. The students are encouraged to visit the library to inculcate the self learning habits. The student centric learning is more important in our college to bring development to acquire life skills and knowledge based management skills. Our college teachers impart the value added knowledge to the students for the purpose of employment and career building.

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

The college encourages the practice of inviting experts and persons of eminence to deliver lectures from other academic institutions, industries and Universities to share their experience with the teachers and the students of the college. For this purpose a separate financial assistance is arranged to all the departments for remuneration or honorarium.

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

The college has made a sustained and continuous effort to bring some innovation in teaching and learning methodology. The college faculty members use the modern teaching tools and facilities like OHP, LCD Projector, Audio visual packages, Computers along with broadband internet connectivity for effective enhancement of teaching.

All the departments use Computers, OHP and LCD facilities for teaching. The college has a separate smart class installed with LCD and broadband internet connectivity. The English department has established Language Lab with DVD players, computers and interactive CDs for screening of documentaries and visual information. The college library is equipped with e-learning resources and the e-content preparations are used by the teachers to encourage ICT enabled education.

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

Yes, there is a provision for counsellor and class mentor-advisor to the students.

The class mentor - advisor system (class teacher system) is followed by the college. At the department level each faculty member is made as a class mentor (Class Incharge) to monitor the academic performance and to maintain the discipline of the class. The class mentor also acts as an academic advisor for the entire class.

Our college utilizes the services of a counsellor to address the psycho-

socio issues of the students. The mentors identify the academic, personal and psychological problems of the students and guide them to meet counsellor, and the counsellor gives advice and guidance to the students.

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

Yes, the college faculty members use innovative teaching methods for the last four years with usage of LCD Projector, audio visual packages (Animation CD's) computer assisted learning and experimental learning.

The college library also has been equipped with broadband internet connectivity with e-books and e-journals for ensuring and enhancing the learning process of the faculty members and students.

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

Yes, the college has created the culture of instilling and nurturing creativity and scientific temper among the learners through the following activities. Department wise functions are conducted to improve the creativity of the students and the best performers are suitably rewarded to encourage more participation from the students. In order to instill a scientific temper among the students, eminent resource persons are invited to discuss the latest developments and ongoing research in science and they are encouraged to present posters and papers on their understanding of the concepts.

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

#### Number of projects executed within the College

Yes, the college considers that the student projects are important part of learning process. M.Sc. and M.Phil projects are made mandatory. There is a provision for Research based participatory learning activities with other research institutes for projects of 2 to 3 months duration as part of regular course curriculum to providing first hand work experience to the students.

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

The management of the college also has 18 other institutions which permit free interaction and use of instruments with them. MoU's are also developed with number of research institute for summer training placement etc. Temporary interactions were also encouraged whenever requested to the students and bonafide certificates are provided by the HODs for the purpose.

#### Role of the faculty in facilitating such projects

We have experienced staff in research also, they guide the students in all means of research. As most of our department offers research programmes, the department is furnished with all facilities in means of research. If needed, the students are allowed to do their research in off campus institutions.

2.3.11 What efforts are made to facilitate the faculty in learning / handling computer-aided teaching/ learning materials?

What are the facilities available in the College for such efforts?

Computer aided Teaching Facilities

The college facilitates the faculty to learn how to use modern teaching aids and tools like multimedia, ICT, internet and other materials (e-books and e-journals). The seminars, workshops and hands on training enlarge their intellectual horizon. All these ensure effective teaching experience of faculty members.

The following facilities are available in the college to support the learning efforts of faculty members.

- The management has provided computers with broadband internet connectivity to all the departments.
- ICT has the facilities like overhead projector, LCD projector, audio-visual packages, computer and internet for teaching and learning methods. The establishment of e-Library, Language Laboratory and smart class help the faculty members for academic excellence.
- Uninterrupted power supply is ensured.
- 2.3.12 Does the College have a mechanism for evaluation of teachers by the students / alumni? If yes, how is the evaluation used in achieving qualitative improvement in the teaching-learning process?

Yes, the college has introduced a scheme for the evaluation of the teachers by the students and alumni through a confidential feedback system.

The feedback is through a questionnaire soliciting information on the

curriculum, course content and other aspects of teaching-learning. This is carried out once in every semester by UG & PG students. The completed feedback is collected, analyzed and a consolidated report is generated finally. Depending on the outcome of the feedback, the management takes necessary action. The feedback evaluation system helps to maintain the quality of teaching, learning and evaluation process.

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

The college has well planned mechanism to ensure the completion of curriculum within the planned time frame. Some of the schedules are

- Academic calendar.
- · Lesson plan of each faculty.
- Academic audit. The Institution faces very few challenges for completing the curriculum and its related aspects within the planned time and calendar.

A major challenge observed is the absence of faculty members for a long period of time due to personal or medical/maternity leave. To overcome these types of challenges, the Department ensures completion of curriculum with suitable substitution.

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

The library acts as an important learning resource for students and teachers. The college has a central library and department libraries. The central library maintains the books, journals, magazines and other learning materials in respective discipline. The library also possesses technology aided learning resources such as e-books, e-

journals, audio-visual packages (Animation CD's), which enable students and teachers to acquire the innovative information, knowledge and skills.

The central library functions on all days except Sundays and Government Holidays. The Librarian helps the departments to purchase the latest edition of the books based on the requirements. The staff and students attend book exhibition to select the books of their choice for teaching.

During the session, each department is provided with the separate library, interested students spend more time in the library during their free hours. Library hour is provided twice a month as per request of the students and individual subject staff permit one hour of their subject hour to collect notes after completion of each unit. Library facility like online journals and internet facility encourages students to obtain uptoday knowledge in their subjects.

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

The Principal, Vice Principal and Heads of the departments periodically monitor the teaching, and the learning processes in the classroom through direct observation. The institution, also has set up the IQAC, which periodically monitors the academic programmes and prepares a consolidated report. The report is submitted to the Principal, and suitable action is taken by the Principal based on the report. The students' and teachers' feedback system has also been used to assess the academic performance periodically. The academic performances of the students are assessed by the CIA test I&II, class test/snap test and CIA model. All these parameters are used to maintain the quality of the academic performance of the college.

#### 2.4 Teacher Quality

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

		T	eachin	g fac	Non-					
Positions	Profe			Associate Assistant Professor Professor				ching taff	Technical staff	
	*M	* <b>F</b>	*M	* <b>F</b>	*M	* <b>F</b>	*M	* <b>F</b>	*M	* <b>F</b>
Sanctioned by the UGC / University / State Government <i>Recruited</i>	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
Yet to recruit	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
Sanctioned by the Management/society or other authorized bodies <i>Recruited</i>	13	10	17	26	81	231	13	21	8	26
Yet to recruit	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil

#### \*M-Male \*F-Female

No staff member is from outside of the state.

#### 2.4.2 How are the members of the faculty selected?

Faculty members are selected according to the rules laid down by the Periyar University. The selection is based on the merit, bright track records and educational qualifications. The open advertisement of vacancy position is published in all regional newspapers. The scrutinized by the respective heads of the applications are departments and discussed with the Principal. The short listed candidates are called for written test and interview with a demo class. The selection committee selects the candidates based on their performance and educational qualification and the candidates are appointed against the vacancy position of the subject. The selection committee comprises the Principal, the Vice Principals and the Heads of the departments and the senior faculty of the department.

#### 2.4.3 Furnish details of the faculty

All faculties are permanent

Highest qualification	Professor		Professor Associate Professor		Assista Profess	Total	
	Male	Female	Male	Female	Male	Female	
D.Sc./D.Litt.	Nil	Nil	Nil	Nil	Nil	Nil	Nil
Ph.D.	13	10	4	8	3	5	43
M.Phil.	Nil	Nil	13	18	53	169	253
PG	Nil	Nil	Nil	Nil	25	57	82

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

#### STAFF QUALIFIED (NET/SET/GATE)

S.No	Department	Name of the faculty	NET	SET	GATE
1.	English	G.Rangaraj R.Rathinasamy A.Athiappan K.Mohanraj L.Ratha R.Manikanadaraj S.Raja	- NET - - - -	SET SET SET SET SET SET	
2.	Bio-Technology	Dr.S.Geethanjali Dr.S.G.Prabaharan	-	SET SET	-
3.	Chemistry	C.Sowkarthik	-	SET	-
4.	MBA	Mrs.S.Savitha	-	-	GATE
5.	Computer Science & Applications	M.Chinnusamy M. Kavitha V. Priya V. Janarthanan P. Jayaselan	NET NET	SET SET SET	- - - -
6.	Mathematics	S.Muruganatham	-	SET	-
7.	BBA	R.Srivel	NET	-	-
8.	Commerce	M.HajeeraBanu B.JeevaRekha	NET NET	-	-

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

Department	% of faculty who are product of the same College	% of faculty from other Colleges within the State	% of faculty from other States	% of faculty from abroad
Biochemistry		2	-	-
Biotechnology	3	8	-	-
Botany	3	6	-	-
Chemistry	12	9	-	-
Commerce and Management	15	30	-	-
Computer Application	10	16	-	-
Computer Science	14	31	-	-
English	36	24	-	-
Information Technology	5	4	-	-
MCA	5	11	-	-
Mathematics	20	34	-	-
Microbiology	2	6	-	-
Physics	6	15	-	-
Tamil	1	6	-	-
Zoology	1	5	-	-

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

Yes, we have qualified staff members in all departments.

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

Nearly 26 visiting professor have been coming to our college apart

from this, The college has provision for inviting the subject experts and eminent personalities from other academic institutions, industries and Universities to share their experience with the faculty members and students through seminars / symposium / conferences / workshops and special lectures only and no visiting professors are on the rolls of the college.

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

The following policies are followed by the college to recharge the teachers every year:

- Before the commencement of academic session, the college organizes the faculty development / orientation programme for faculty members.
- The college has encouraged the staff members to join the M.Phil and Ph.D. programmes.
- The college has also encouraged the teachers to participate in National and International conferences, seminars, symposia, workshop, refresher/ orientation / faculty development programs and other training programmesorganized by other educational institutions.

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

S. No.	Name of the Staff member	Name of the Award received	Name of the Agency	Month & Year
2009-10	Dr. A. Ganesan	KaviPunal	ULAGA Tamil Peravai	2009
2009-10	Assistant professor	MakkalSevager	Government of Tamilnadu	2009
	Dr. A .Ganesan Assistant professor in Tamil	Kavingayeruviruthu	Kaviyarasimithraarakkatalai	2010
2010-11	Dr. S. Jayanthi Assistant professor in Tamil	Kavichselvar	Iynthamulagatamilsangam	2010
1	Mr. K. Moorthy professor in Microbiology	RashtriyaGaurav award Best citizen of india	India international friendship society,newdelhi International publishing house,newdelhi	2010
	Dr. A. Ganesan, Asst.Prof in Tamil	IllakiyaThendral		2011
2011-12	Dr. S. Jayanthi, Asst.Prof in Tamil	Tamil sudar	Thiruvaiyaru Tamil Sangam	2012
2011-12	Dr. Banumathy, Asst.Prof in Tamil	Tamil sudar	Thiruvaiyaru Tamil Sangam	2012
2012-13	Dr.L.R.Gopinath Professor, Head,	Dynamic Youth Award	Pollywood Star media NET &Grosson Engineers, on Mr.Ragul Gandhi Birthday celebration	2013
	Dept of Bio- Technology	Global Excellence & Pride	National 20 point programme on Dr.Manmohansingh Birthday Celebration	2013
2013-14	Mr. Boopathi, Librarian	Best Librarian Award	from SALIS, sponsored by UNESCO organization.	2013

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

AcademicStaffDevelopmentProgrammes	Numberoffaculty nominated
Refresher courses	235
HRD programmes	128
Orientation programmes	645
Staff training conducted by the university	28
Staff training conducted by other institutions	32
Summer/winter schools, workshops, etc.	12

#### Training program

Training programs	Numbers
Teaching learning methods/approaches	8
Handling new curriculum	4
Content/knowledge management	4
Selection, development and use of enrichment	2
materials	
Assessment	8
Crosscutting issues	26
Audio Visual Aids/multimedia	32
OER's	4
Teaching learning material development, selection	16
anduse	

#### 2.4.11 What percentage of the faculty have

<ul> <li>been invited as resource persons in Workshops /         Seminars / Conferences organized by external         professional agencies participated in external Workshops         / Seminars / Conferences recognized by national/         international professional bodies</li> </ul>	13%
<ul> <li>presented papers in Workshops / Seminars / Conferences conducted or recognized by professional agencies</li> </ul>	72%
<ul> <li>teaching experience in other universities / national institutions and others</li> </ul>	5%
industrial engagement	2%
international experience in teaching	2 staffs

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

- Curricular Development
- Teaching-learning methods
- Examination reforms
- Content / knowledge management
- Any other (please specify)

The IQAC organises the academic development programmes like, staff orientation programmes, seminars and special lectures at regular intervals for the faculty of newly recruited, on the aspects of teaching-learning methods (class room communication & management, teaching aptitude, usage of ICT tools etc.,) and curricular development with the eminent persons from reputed institutions.

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

During the last five years innovations in teaching were made with ICT based teaching aids such as LCD Projectors, and computer with internet, e-journal, e-book and Animation CD's. All the Departments are equipped with computer sets, both for the students and staff members. Computers with internet facilities are also provided in the college central library. The college has provided a separate lab for usage of ICT tools. The management encourages the faculty members to use the modern and innovative teaching methods.

#### 2.4.14 Does the College have a mechanism to encourage

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

If yes, how have these schemes helped in enriching quality of the faculty? There is no mechanism for the mobility of the faculty between institutions for teaching and faculty exchange programmes with National and International bodies. However the college has encouraged inter departmental collaboration to conduct State and National level seminars and workshops.

The inter-departmental collaboration schemes helped the faculty members and the students to share the knowledge and also enrich the quality.

#### 2.5 Evaluation Process and Reforms

### 2.5.1 How does the College ensure that all the stakeholders are aware of the evaluation processes that are operative?

All the rules relating to the evaluation process are published in the college hand book. The hand books are distributed to the students at the commencement of the academic session. The students are also informed about the evaluation process through department level organization programmes under the guidance of the class mentor who is incharge of the class.

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

The centralized evaluation reforms are introduced at both the UG & the PG levels from the academic year 2011-12. The moderation of question papers is introduced to improve the quality and standard from the academic year 2013-14. These reforms enhance the evaluation process in the autonomous system. Question bank system is followed in all the Departments.

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

The institution on a continuous basis evaluates students standard by class tests, snap test, two CIA tests and one model exams. These are conducted to ensure the continuous assessment of the performance of students at UG and PG level followed by semester examination.

Two semester examinations are conducted every year for UG and PG courses. The poor performers in CIA test and failed students in

semester examination are helped with remedial classes and special coaching classes for improving in their performance in the semester exam. In all these courses of UG and PG 40% of marks are allotted for CIA and 60% of marks for the end semester examination both in theory and practical.

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

Sticking to the TANSCHE guidelines, 40% of marks is earmarked for continuous internal assessment (CIA) to assess the academic performance of students and 60% of weightage is given to the end semester examination. The percentage ratio is 40:60 in theory and in practical including the project work and viva-voce.

The CIA marks have been assessed by snap tests, two CIA tests, one CIA model exam, assignments, seminars and attendance. The methods of assessment are conveyed to the students through the college hand book which contains academic calendar.

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

Yes, the College strictly follows the examination schedules framed by Controller of Examination along with examination cell committee members. There is a provision for exam reschedule only in emergency situations.

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

The examination results are declared within 30 days from the last date of examination. After the verification of the results by awards committee, the results are published on the notice board and distributed to all heads of the departments. Then the results are announced to students through the staff incharge. In future the college plans to publish the results through the college website.

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

Yes, the college has an integrated examination platform for the following aspects. The office of the Controller of Examination (CoE) is in charge of the entire examination process.

 Pre-examination processes – Time table generation, OMR, student list generation, invigilators, squads, attendance sheet, online payment gateway, etc.

Payment of exam fees is done by students in person. The Controller of Examinations prepares the exam time table, students' list, invigilators and squad list and sheet of attendance in association with the Principal, Vice Principal and CoE office in charge. Controller of Examination thoroughly checks the answer booklets and question papers of UG and PG courses prior to the commencement of end semester Autonomous examination.

 Examination process -Examination material management, logistics.

During the end semester examination, the entire exam related materials and its relevant documents are kept in the custody of Controller of Examinations for ensuring the confidentiality of exam system. On the day of the examination the question papers are carefully dispursed to various exam halls through CoE Office Incharge. The invigilators receive the question papers and conduct the exams under the over all supervision of the CoE.

 Post examination process – attendance capture, OMR based exam result, auto processing, generic result processing and certification.

Once the UG and PG exams are over, the exam cell members arrange the answer booklets course wise with subject code and hand over them to the CoE. The CoE conducts central valuation at Central Valuation Hall. The booklets are valued subject wise by the external examiners under the supervision of chief examiners and the Controller of Examinations. After the valuation of answer scripts by external examiners, the mark foils are compiledby the assistant controllers on the basis of assigned marks against the Register Number concerned. After the tabulation of marks in the computer centers of CoE, the mark sheet galleys are printed. Then the final results are published by the Controller of Examinations on the basis of award committee and Controller approval by the Examinations, Periyar University.

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

There is no provision for Ph.D. evaluation process and reforms. The Ph.D evaluation process is done by the University only.

2.5.9 What efforts are made by the College to streamline the operations at the Office of the Controller of Examinations?

Mention any significant efforts which have improved process and functioning of the examination division/section?

CoE is equipped with sufficient technical and clerical staff members to assist her in carrying out the examination process smoothly. An examination cell is constituted before the commencement of exam to assist the CoE. All infrastructural requirements like arrangements of class rooms, pasting of seating pattern are prepared by the exam cell.

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

Evaluation related grievances are received through HoDs and sent to Controller of Examinations office for redressal. Retotalling and revaluation of the answer scripts are possible, if Controller of Examinations is convinced of the genuineness of the grievances.

#### 2.6. Student performance and Learning Outcomes

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

The staff and students are made aware of the learning outcomes through orientation programmes. It ensures that students learn the curriculum in order to become employable in chosen fields and staff members impart knowledge according to that requirement.

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

Learning outcomes are monitored and ensured through various means. Student seminars are one such effort to understand the depth of the students' knowledge. Our placement record also speaks on the learning outcomes achieved by the college.

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

The college has an organized procedure to collect and analyze the data on the student learning outcome, such as,

- Class tests, CIA test I, II & Model test, assignments, attendance, students' seminar and End semester examination.
- Feedback is also taken from the students to improve the teaching and the learning process.
- During alumni meeting, the feedback is collected from old students.

The institution has formulated the following steps to overcome barriers in the learning outcome:

- Fixing the minimum attendance percentage at 75% as an eligible criterion to appear for the exams.
- Periodical assessment to improve the learning outcome.
- The ILM (Institute of Language Management) classes are conducted to infuse and to improve the communication skills
- The Placement Cell conducts various programmes such as personality
- development, Interview skill, job oriented skills for students to overcome the barriers in job opportunities.

#### VIVEKANANDHA COLLEGE OF ARTS AND SCIENCES FOR WOMEN (AUTONOMOUS) SELF STUDY REPORT

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

	2009-	10		2010-	11		2011-1	12		2012-1	13	
Programmes	UG	PG	M. Phil.	UG	PG	M. Phil.	UG	PG	M. Phil.	UG	PG	M. Phil.
Tamil	100	100	100	100	100	100	100	100	100	100	100	100
English	72	97	NA	68	96	NA	76	96.5	NA	75	98	Nil
Mathematics	93.1	67.6	NA	92.6	51.6	NA	87	36.8	NA	87.5	89.3	Nil
Physics	85	90	100	89	95	100	90	97	91	83	90	85
Chemistry	45	50	60	69	57.1	50	52.5	69.4	33.33	50.8	100	100
Botany	100	96	100	78	96	100	93	80	100	78	96	100
Zoology	70	100	100	85	100	100	75	100	100	92	100	100
Bio	NA	96	100	100	88.2	NA	NA	100	NA	NA	NA	Nil
chemistry												
Bio	96.2	70.5	100	81.5	93.1	100	87.23	97.8	100	92	96.5	83
technology												
Micro	89.39	98.86	100	77.35	93.4	100	79.48	87.75	100	96.96	100	100
biology												
Computer	50.73	82.41	NA	51	90.7	NA	56	78	NA	62	82	100
Science												
Computer	99	88.88	NA	98	92	NA	96	90	NA	95	94	Nil
Technology												
Commerce	85	79.5	100	85.5	78	100	90	91	96	73	73	96

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

#### CRITERION III: RESEARCH, CONSULTANCY AND EXTENSION

#### 3.1 Promotion of Research

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

Yes, the college has a Research Committee to monitor and address various issues of research. A research committee is a research facilitating body of the college for various activities, with the Principal as the Chairman, and Seven Researchers from various departments as subject experts in its composition.

Recommendations given by the committee and their impacts

- The committee inspires more faculty members to register for M.Phil or Ph.D.
- The committee encourages the faculty members to publish the research articles in National as well as International journals.
- The committee facilitates and guides the researchers to send proposals for various funding agencies.
- It also encourages the departments to conduct seminars, workshops, symposium, trainings, Lab to Land programmes and to organize conferences of National and International levels.
- It also promotes publishing research papers in various academic journals and seminar proceedings

It also gives a free hand for the researcher to use the sanctioned funds. It encourages the students' research by permitting them to attend workshops, trainings, conferences, and seminars by providing them credits of attendance and also by deputing the faculty with on duty to guide them properly in the events. It also encourages the

research through financial supports like providing advances, seed money and facilitates the researchers with equipments and instruments of need.

Travel allowance and accommodation facilities are provided by the college for the faculty members, when they represent the college for paper presentation in research meets, seminars and conferences. It invites eminent scientists through department associations for special lectures to guide the students and faculty members in planning their research work technically.

Information required	Deta	ils	
Publication per faculty	0.89		
Number of papers published in	International	National	
peer reviewed journals (national	127	150	
/international) by faculty and students			
Number of publications listed in			
International Database (For Eg: Web			
of Science, Scopus, Humanities	115	100	
International Complete, Dare	110	100	
Database - International Social			
Sciences Directory, EBSCO host, etc.)			
Monographs	Ni	1	
Chapter in Books	Ni	Nil	
Books Edited	26		
Books with ISBN/ISSN numbers with	Refer Evaluation Report		
details of publishers			
Citation Index	0.38-6.31		
SNIP	0.5132-2.4		
SJR	0.33-2.5		
Impact factor	0.3-6		
H Index	4-7	7	

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

Scientific temperament of the institution is ensured by appointing qualified staff members through inhouse academic experts, improving infrastructure periodically, promoting University recognition as Research center, supporting regular special lectures, industrial visits, seminars, workshops, training programmes, students and staff projects, etc.

Annually, research infrastructure is enhanced with the requirement placed by the Principal Investigators request before evaluation of project proposals. Infrastructure supported by the funding agency is provided according the work schedule of the project through comparative quotations and approval from the research committee, Principal and Chairman. Staff members required for the project is selected and appointed by the Management through Principal Investigator with the help of research committee.

On duty leave is provided to the Principal Investigator as per the requirement of the project and teaching time table is also altered and reduced as per the requirements. PI's are permitted to work after the college hours and retain individuals involved in the project.

Specific technology needs are provided during the project implementation period through research committee advice and PI's request.

The wing of research acts as the advisory unit for research problems of public interest, with a plan of extending its support through strategic planning and extension programmes. They are given full freedom to explore their research opportunities to applying for various funds. The accessing facilities were made 24 Hrs to carryout the research wok peacefully by providing leave and relaxation in timmings. But still they follow a minimum of 40 Hrs per week of working time. The institute also facilitates with infrastructure, basic softwares, computers, accessories, travel facilies, etc.

PI are suggested to communicate their innovation to the students and to promote paper publications. They are advised to apply for receiving patents for suitable findings as per the specifications of funding agency in acknowledging the ownership.

### VIVEKANANDHA COLLEGE OF ARTS AND SCIENCES FOR WOMEN (AUTONOMOUS) SELF STUDY REPORT

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

S. No.	Research Guides	Specialization
1	K. Kalaiselvi	Molecular Biology, Intermediary Metabolism
2	K. Panneer selvam	Biomolecules, Clinical Biochemistry
3	Dr. L. R. Gopinath	Environmental Biotechnology and Policy Research
4	Dr. S. G. Prabhakaran	Molecular Systems Biology and Medical Biotechnology
5	R. Prabakaran	Taxonomy, Ethanobotany & Biotechnology
6	S. V. Rajesh	Phytochemistry & Pharmacognosy
7	Dr. S. Senthilkumar	Ecology, Microbiology & Biotechnology
8	T.S.Sribharathi	Inorganic Chemistry
9	S.P.Saravanan	Inorganic Chemistry
10	R.P.Suresh Jeyakumar	Physical Chemistry
11	M.Vimala	Organic Chemistry
12	M. Nagoor Meeran	Organic Chemistry
13	Dr. Jayamani	Inorganic chemistry
14	Dr.M. Thanikaivel	Finance & Marketing
15	Dr. K. Ramesh	HR
16	Dr.V.Senthil Kumar	Finance & Marketing
17	M. Hajera Banu	Marketing
18	M. Santhi	Finance
19	K.Ambibigeswari	Marketing
20	R.Gajendra Singh	Finance
21	B.Jeeva Rekha	Marketing
22	R.Palanisamy	Finance
23	P.Jayakumar	HR
24	Dr.R.Meenakshi	Finance
25	Dr.K.Priya	HR
26	M.Kavitha	Marketing
27	G.Kesavaraj	Data Mining, Operating System
28	N.Kohila	Networking
29	S. Mahima	Computer Networking
30	C. Theebendra	Networking
31	R. Suguna	Data Mining
32	V. P.Muthukumar	Data Mining
33	M. Jothilakshmi	Networking
34	M. Santha	Networking
35	S. Muruganandam	Networking
36	D. Ponniselvi	Networking
37	S. Dhanalakshmi	
38	K.S. Saravanan	Data Mining, Computer Graphics
39	A.Murugesan	ELT, American Literature, Phonetics

### VIVEKANANDHA COLLEGE OF ARTS AND SCIENCES FOR WOMEN (AUTONOMOUS) SELF STUDY REPORT

S. No.	Research Guides	Specialization
	S.Sudha	Comparative Literature
41	P.Arockia Rajakumari	American Literature
	S.Vanitha	Indian Writings in English
43	N.Ramesh	British Literature
44	R.Chandrasekaran	Indian writing in English
45	S. Ramadevi	Fluid dynamics
46	S. Kavitha	Differential equations
47	S. Dhanalakshmi	Functional analysis
	V.Latha	Applied Statistics
	G.pushpalatha	Graph theory
	B.T.Sureshkumar	Immunology and Molecular Biology
	Dr.K.Moorthy	Medical Bacteriology
	S.Arul Sheeba Malar	Medical Bacteriology & Mycology
	P.Palanivel	Actinomycetes
	A.Malarvizhi	Medical virology
55	Dr.P.Vijayalakshmi	Medical Bacteriology Immunology Advanced Biotechnology
56	V.Lavanya	Medical virology
	M.Thaila	Medical Bacteriology
58	Dr. N. Jayamani	Vibrational Spectroscopy, Material
		science
	Dr. G. Kandiban	Non-Linear Dynamics
	E.Gladis Anitha	Dye sensitized solar cells
61	3	Thinfilm
62	M. Malarvizhi	Thinfilm
	B. Lakshmi	Lattice Dynamics
_	R. Meenakshi	Thinfilm Non-Linear Dynamics
	S.Na.Shereenaa	Non-Linear Dynamics  Dye sensitized solar cells
	Dr.A.Prakasam N. Latha	Crystal growth
		Thinfilm
68	K.Sujatha	Pakthi illakiam
69	Dr.S.Jeyanthi	
70	Dr.S.Muppidathi	Ithazhiyal
71	Dr.V.Banumathi	Sanga Illakiam
72	N.Jothimani	Ikkala Illakiam
73	Dr.A.Ganesan	Nattupuravial
74	Dr. P.Sumathi	Entomology
75	K.RGangadharan	Aquaculture
76	Dr. A. Arunachalam	Eco Toxicology
77	Dr. K. Yashkamal	Entomology
78	Dr. M.lena	Conservation Biology
79	Mrs. S. Vijayalakshmi	Fuzzy Topology

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

#### > advancing funds for sanctioned projects

Fund is provided as Cash, Cheque and Demand Draft as per the requirements. Instruments, chemicals and stationaries are periodically purchased as per the requirements made by the PI's.

#### providing seed money

Every Staff members is provided with seed money every year to conduct their preliminary research. A proposal is obtained before releasing the seed money for research and approval from the research committee. Management funded projects operated by 47 staff members at the outlay of 21.80 lakhs.

### > autonomy to the principal investigator/coordinator for utilizing overhead charges

Principal investigator/co-ordinators are given full freedom to implement their proposed project and utilize the funds alloted to the same.

#### > timely release of grants

Fund allotted or received is being maintained in separate account head. The required fund is released, with the permission from research committee, Principal and Chairman within a couple of hours.

#### timely auditing

After releasing of funds and resources, PI is requested to submit

to the accounts with logic bills, quarterly budgeting of resource utilized and work done reports that are evaluated by the research committee.

#### submission of utilization certificate to the funding authorities

As per the requirement of the agency, with the permission of the Research Committee, Principal and Chairman, the accounts officer provides utilization certificate, after auditing the project fund with the help of auditor.

#### 3.1. 5 How is interdisciplinary research promoted?

#### between/among different departments of the College and

Interdicipline research is encouraged within the departments through giving priority in sanctioning seed money. The college promotes interdisciplinary approach in research through interdepartmental participations and collaborations. The collaborations in sharing central instrumentation facilities are appreciated by the researchers of all the departments. Different departments of the college have organized collaborative seminars, conferences, and workshops.

Interdiscipline projects are also undertaken in the college among different departments. Resources and facilities are pooled for the benefit of all.

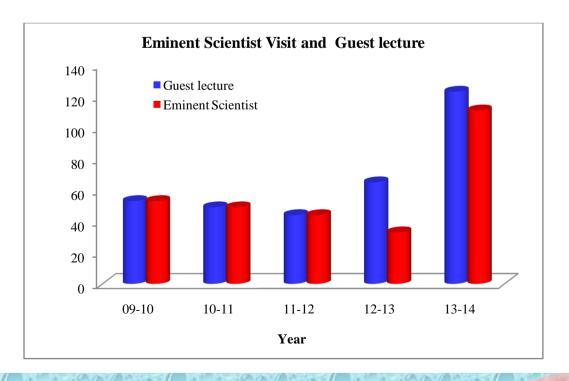
#### collaboration with national/international institutes / industries

Interdisciplinary research at various levels is encouraged through National and International collaborations, sharings, exchange of ideas and technologies. One faculty is involved in policy research and has a collaborative research with International NGO ATREE and reviewed Biological Diversity Act.

Every year students undergo project work in central University, Jawaharlal Nehru University, New Delhi, Ph.D students also undertake interdiscipline research with NKR Government Arts College for women, Namakkal. These projects lead to successful publications.

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

The policy of the college is to invite special lectures for each subject which is conducted once in a month by each department during this present research trend and job opportunities. Apart from this various experts visit the campus during vatious sensitization programmes. Among 290 eminent Scientists visited the institution former Honarable President of India Dr. A.P.J. Abdul Kalam visited the college and inspired the students towards the research, Padma Shri. Dr. T. Venkatapathi Reddiar, Puducherry and Dr. Prof. Toshiaki Kambe from Tsukuba University, Japan also motivated students in doing the research. During the year 2013-14 guest lectures are increased to a greater extent.



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

Sabbatical leave are also allowed and given based on the needs and is completely under management's discretion. With credits of attendance, 12 days per year is granted for each faculty member to promote their research activities especially to attend seminars and conferences in their area of interest, and to present their papers in the meeting at various reputed institutions.

Granting leaves, and adjustments of teaching hours of the faculties, are done to encourage the young researchers who have registered for M.Phil. and Ph.D.

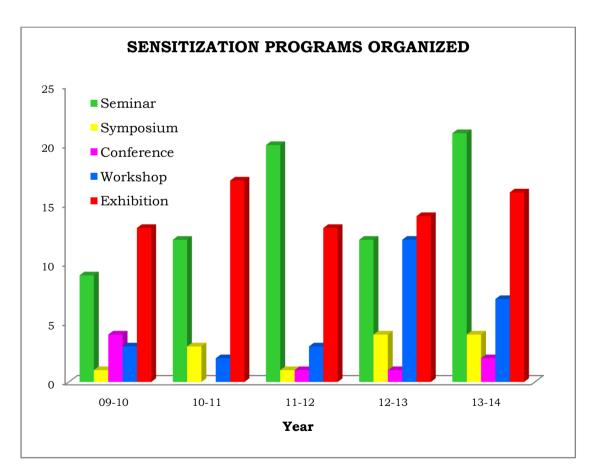
The researchers are allowed to attend workshops, conferences and trainings in order to improve their technical skill which is also a mandatory requisite for the most of the universities offering part time Ph.D, Programmes.

Institution provides on duty leave and sabbatical leave for research activities, on an average of 48% of the staff avail on duty leave for various research activities like participating in seminars, conferences, workshops, training programmes, etc., 12.70% of staff availed sabbatical leave for completing Ph.D., participating research in other universities and colleges. Dr. L. R. Gopinath visited Jawaharlal Nehru University for giving training programmes for research students along with 7 PG students of Biotechnology. Two faculty members, Dr. P. Vijayalakshmi and Dr. K. Moorthi, are working at Hawassa University, Ethiopia and Wolaita Sodo University, Southern Ethopia respectively.

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

All departments of the college are conducting workshops, training programs, exhibitions, seminars, symposiums atleast once a year and facilitates departments concerned financially to conduct the same. also avail funding support from Departments national and The international funding agencies. entire students the departments take active part in organizing the programmes through their department clubs and make their presentations.

Organizing sensitization programmes have increased from 30 to 50 during the last five years, among them the notable programmes are seminars, exhibitions and workshops. This may inclue one seminar, two Symposium and one Conference at international.



#### **Tamil**

Year	Topic on which the lecture is delivered	Name & Address of the Guest Lecturer / Visiting Faculty
2009-10	Illakiyamum Vazhviyalum Kavithai amaippiyal	Mr.Sangararama Barathi, Assistant Prof of Tamil, Mahendra Arts and Sciences college, Kalipatti. Mr.Venkadesan, Assistant Prof of Tamil, Selvam Arts and Science
	Sirippom Sinthippom	college,Namakkal.
	Sanga illakkiya panmuga parvai	Mr.S.Paramasivam,H.O.D,Commerce, Vivekanandha College Of Arts and Sciences For Women, Elayampalayam. Dr.M.Tamilmaran,Associate Prof,Department of Tamil,Periyar university Arts and Science College, Mettur.
2010-11	Illakkiya kalvi	Dr.P.Saravanan, Assistant Prof of Tamil ,Periyar university Arts and Science College, Mettur.
	Mozhi katralil porul kalamum anuvum	Mr. S. Sundhara balu, Assistant Prof of Tamil, Bharathiyar University, Kovai T.S.Natarasan, Assistant Prof of Tamil
	Illakkiya Thiranaivil Uiaviyal Pommalatam Oru paravai parvai.	Madurai University, Madurai. Dr.Kovintharajulu, Principal,Vivekanandha Vithyabavan Higher Secandary School.Ellayampalayam
2011-12	Saiva sithantha kotpadukal	Mr.Siva.s. Magalingam, Assistant Prof of Computer science, Vivekanandha College Of Arts and Sciences For Women,
	Natupura padalkal kattum tamilar vazhviyal	Elayampalayam. Dr.S.Thamarai pandiyan, Assistant Prof of Tamil,P.G.P Arts and Science college,Namakkal.
	Tholkappiyathil Eluthu kotpadu	Dr.A.Srinivasan, Assistant Prof of Tamil, Madurai University. Madurai. Dr.Paktha vachala Barathi
	Panpattil manudaviyal pangu	
2012-13	Illakiya kalvi	Dr.P.Saravanan, Assistant Prof of Tamil ,Periyar university Arts and Science College, Mettur.
	Ithaliyal oru kalai	K.ManiEzhilan,Editor,Nilla soru Magazine,Chennai
	Olai suvadigal pathippin sevai	Dr.S.Thamarai pandiyan, Assistant Prof of Tamil,P.G.P Arts and Science college,Namakkal.
	Narambu mozhiyal	Mr. S.Sundhara balu, Assistant Prof of Tamil,Bharathiyar University,Kovai

#### English

Year	Special Lectures	Name of the External Experts
2009-10	Research Methodology	Dr.K.Kumarasamy, Professor , Govt.Arts College, Salem
	Indian writing in English	Dr.C.Kannammal,Reader, J.K.K.N. College, Komarapalayam
2010-11	Diaspora Literature	Dr.T.Gangadharan, Professor, Govt. Arts College, Salem
	Literary Theories	Dr. Vadhapureeswaran, Professor, Vivekanandha College of Engineering for
2011-12	Mass Communication	Women, Elayampalayam
2011-12	Mass Communication	Prof.Natarajan, Head, Department of Journalism, Periyar University, Salem
		Dr.T.Geetha, Associate Professor,
	Shakespeare	J.K.K.N. College, Komarapalayam
2012-13	Imagery and Symbolism in	Prof.Azhagarasan, Associate Professor,
2012 10	Modern Trends	Govt. Arts College, Salem
	111040111 1101140	Dr.Mallika Ramasamy, Associate
	Black Feminism	Professor, Vellalar College For Women,
		Thindal, Erode.
	Critical Trends from Aristotle to	Dr.N. Seraman Principal, Thiruvalluvar
2013-14	Arnold	Arts and Science College Kurinjipiadi, Cuddalore.
	Research Methodology:Search	Dr. S.M. Shanthi Professor, Sankara
	for Research paper	Arts and Science College
	1 1	Kanchipuram
	English for Employability	Prof .P. Vijaya Kumar , Chettinadu
		Engineering College Puliyur Trichy.
	English Language: A	Dr.R.Venkataraman HOD of English SCS
	Diachronic Deliberation	VMV University Kanchipuram
		Dr.A. Asaithambi Associate Professor of
	Highflying Fine Fingers	English and Head of the Department,
		Government Arts College Nandhanam,
		Chennai-34.

#### **Maths**

Year	Special Lectures	Name of the External Experts
2013-14	Research Methodology	Mr. R. Ramesh, Research Scholar, IIT,
		Mumbai
	Applications of Mathematics	Mr. G.V. Chandrasekar,
		Gobi Arts & Sciences college, Gobi
	Topics in Differential Equations	Dr. S. Karthikeyan, Periyar University,
		Salem
	Women-The Magic Lamp	Mr. P. Venkateswaran,
		Founder, Mind Research Organization,
		Erode
	Early Diagnosis and Prevention	Mrs. M. Geetha, Vivekanandha College of
	of Breast Cancer	Nursing, Tiruchengode

#### **Physics**

Year	Special Lectures	Name of the External Experts
2009-10	Nano Technology	Dr.C.Sekar
2010-11	Magneto Hydro Dynamics	Dr.K.Somasundaram
2011-12	Solar Cell	Dr. V. Raman
2012-13	Nano Technoloy	Dr. R. Jayavel
	Theoritical Physics	Dr. D. Rajendran
2013-14	Laser and Materials	Dr. M. Jamal Mohamed Jafar
	Spectroscopy	Dr. S. Deiva Malar
	Crystal Growth	Dr. P.Srinivasan
	Paper Origami	Mr.K.Arunabalan
	Women Develpoment and	Ms. J.Parameswari
	Psycology	

#### Chemistry

Yeas	Name of the guest lecture programme	Resource Person Details		
2013-14	Women's personality development	Dr. B. SELVARAJ M.A.,Ph.D., Associate professor of psychology, Government Arts College, Coimbatore.16.08.2013		
	Chemistry in everyday life	Dr. A. ZAHIR HUSSAIN, Assistant professor, Chemistry, Jamal Mohamed college, Trichy.		
	Chemistry in higher education and its opportunities	Dr. G. VENKATACHALAM, M.Sc., M. Phil., Ph.D., Assistant Professor of Chemistry, Government Arts College, Dharmapuri.		
	Kanavu meipada vendum	Prof. M. RAMACHANDRAN, Rtd. Head, Department of English, ANJAC, Sivakasi.		
	Role of catalysis in Petroleum refining	Dr. S. J. SARDAR BASHA, Head, Department of Chemistry, Anna University college of Technology, Ramanathapuram.		
	Oligosacchararides as a supra molecular host in selective organic reactions	Dr. P. SURESH, Department of Natural products, Madurai Kamaraj University, Madurai.		
	Useful natural products	Dr. V. ALEX RAMANI, Associate Professor, Department of Chemistry, St. Joseph College, Tirchy		
	Concepts of group theory	Dr. A. PETER PASCAL REGIS, Vice principal Associate Professor, Department of Chemistry, St.Joseph College, Tirchy.		
	Basics and applications of photo electron spectroscopy	Dr. T. VIDYASAGAR, Assistant Professor, Chemistry, Annamalai University, Chidambaram.		
	Recent trends in polymer chemistry	Dr. K.PANDIAN, Associate Professor, Department of Chemistry Madras University, Chennai.		

#### **Computer Applications**

Year	Special Lectures	Name of the External Experts
	WDC Impact on Malnutrition	Mrs.Gayalvizhi, Asst.Professor of Vivekanandha Medical Care Hospital
2013-14	WDC Sanitary Awareness Programme	Mrs.Geetha Elangovan, Media Communication Officer in Press Info Bureau, Chennai
	WDC Awareness Programme – Basics First Aid	Mr.S.K.Rajkumar,M.P.T, Principal, VMCH.
	WDC Awareness Programme – Sanitary Hygenic	Jennerian Club Members, Dept of MB,Vicas.

#### **Botany**

Year	Special Lectures	Name of the External Experts		
2009-10	Application of tissue culture in plant improvement	Prof. Dr. M.V. Rao, Professor and Head, Department of Plant Science, Bharathidasan University, Tiruchirappalli.		
	Biodiversity	Dr.C.Kunhi Kannan, Scientist HOD in Biodiversity Division Institute of Forest Genetics and Tree Breeding, Coimbatore.		
2010-11	"Medicinal Plants and Their Utilization"	Dr. R. Rajavel, CEO, Research Institute of Indian Medicines, Herbalayas, Namakkal.		
2011-12	Biodiversity & Conservation	Mr. V. Sundararaju, IFS (Rtd.), District Forest Officer, Govt. of Tamil Nadu.		
2012-13	Conservation of biodiversity	Dr. S. Sahaya Sathish Associate Professor, Department of Botany, St. Joseph's College, Tiruchirappalli.		
	Personality Development	Mrs.M.Arulsubila, Associate Professor, Department of Women Studies, Kajamalai Campus, Bharathidasan University, Tiruchirappalli.		
2013-14	"Facing the challenges of life"	Mr.K.R.Radhakrishanan, Asst.Prof. Department of English, VICAS.		
	"Biodiversity –An Overview"	Dr. S. Paulsamy, Associate Prof. in Botany, Kongunadu Arts and science college, Coimbatore.		
	Organic farming	Mr. N.Balamoorthy Student of Dr.Nammazhvar.		
	Phytochemistry	Mr. R. Senthilkumar, Asst. Prof. in Pharmacy, Swamy Vivekanandha College of Pharmacy		

#### Zoology

Year	Special Lectures	Name of the External Experts
2009-10	Rearing Techniques of Silkworm	Dr. S. Ravi,
		Scientists of central Silk research
		Institute,Salem
	Cultivation of Mulberry	Dr. M. Balasaraswathi,
		Scientists of central Silk research
		Institute,Salem
2013-14	Cell cycle check points	Dr. S. Kannan, Professor and Head of the
		department of Zoology, Periyar University,
		Salem
	Living Treasure of Handicrafts	Mr. and Mrs. Kamalam Chidambaram,
	from Silk Cocoon	Lion (Ind) International Agencies, Salem
	Molecular ecology	Dr.Shivakumar,
		Assistant Professor, Periyar University,
		Salem

#### **Biochemistry**

Year	Special Lectures	Name of the External Experts
2009-10	Advances in Clinical Biochemistry	Dr. Suryavathana, M.Sc., M.Phil., Ph.D,
	and Opportunities	Dept of Biochemistry, Periyar University,
		Salem, TamilNadu
	Application of Nanotechnology in	Dr.Nazhini, M.Sc., M.Phil., Ph.D, Dept of
	Bioscience	Foodscience, Periyar University, Salem,
		TamilNadu.
2010-11	Bioinformatics	Dr.D.Victor Arokia Doss,
		PSG College, Covai
	Opportunities of Biochemistry	Dr.T.Palvannan
		Dept of Biochemistry, Periyar University,
		Salem, TamilNadu
2013-14	Diabetes Mellitus	Dr.SaravanaGanesan, Director
		Nanolab, Namakkal

#### Microbiology

Year	Programme	Name of the Resource person				
2009-10	Biotechnological aspects of	Dr.R.Balagurunathan,				
	Actinomycetes	Associate professor,				
		Department of Microbiology,				
		Periyar University,				
		Salem-11.				
2010-11	Personality Development	Mr.Madhu Jackson.S.				
		Mr.T.S.Gnanendra,				
	Quorum sensing in Bacteria	Head ,Department of Bioinformatics,				
		VICAS				
2012-13	Paediatric Viral Infections	Dr. Prem Anand Balraj,				
		Research Scientist,				
		Temasek Life science Laboratory, National				
		University of Singapore,				
		Singapore.				

#### **Biotechnology**

Year	Special Lectures	Name of the External Experts
	Plant, Genetic Engineering	Dr. P.Venkatachalam, Asst Professor,
	Application and Future Prospects	Periyar University, Salem
2009-10	Cancer Proteomics	Dr. S.Kannan,
		Professor, Bharathiyar University,
		Coimbatore
	Students counseling	Mr. S. Ram, Director, SriRam institute
		New Delhi.
2010-11	Bioprocess Technology	Dr. S.Sivapathasekar,
		Senior Scientist in Biocon,
		Bangalore
	Bt cotton	Dr. M.S.Shivakumar
		Asst Professor, Department of
		Biotechnology
2012-13		Periyar University
	01.1.177	Salem
	Global Warming	Mr. K. Naveen
		Senior Research Fellow, Veternary College, Namakkal
	Status of Dt Drinial in India	
	Status of <i>Bt</i> Brinjal in India	Dr. M.S.Sivakumar, Asst Professor in Biotechnology, Periyar
		University, Salem Mobile: 9992044479
		Email: skentomology@gmail.com
	Energy Conservation for	Mr. V. Naveen,
	combating Global Warming.	Research Associate, Department of
	Companing Global Warming.	Veterinary and Animal Sciences,
		Veterinary College and Research Institute,
		Namakkal Mobile: 9842353713
		Email: naveencomes@gmail.com
	Trends in Biotechnology	Dr. S. B. Anand
	a	Asst Professor, Department of Genetic
2013-14		Engineering Madurai Kamaraj University.
		Email: sbanand@gmail.com
	Current Scenario in Plant Tissue	Mr. M. Senthil Kumar, Research Scholar,
	Culture	Dept of Environmental Science, Institute
		of Shanthi Nikethan, Kolkata. Pin:731235
		Email: msenthilevs@gmail.com
	Nanoscience and Nanomedicine	Dr. K. Premkumar.M.Sc., Ph.D.,Assistant
		Professor, Department Of Biomedical
		Sciences, School Of Life Sciences,
		Bharathidasan University, Tiruchirappali
	Microarray	Mr. Vivek Murali, Founder, Chief
		Operating & Scientific Officer, Remura
		Biologicals, Krishnagiri

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

Research findings of the institution (Students and Faculty) are communicated to the students through paper presentation, publication, exhibition etc. Traning programs were also conducted to the students and local communities on the research findings. Farmers in the neibouring villages were supported to use and become enterpreuner in mushroom cultivation, Vermi composting, Azola cultivation, Solar heater, Biogas production, etc.

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

There are 80 research supervisors for M.Phil. in 12 research centers are guiding 117 students. 13 Research supervisors are guiding 25 scholars for Ph.D program. Two minor projects from UGC are sanctioned for two staff members in the department of Biosciences of with in the outlay of five lakhs for Biotechnology and Botany. Five major projects are applied to UGC. Apart from this Management funded projects operated by 47 staff members at the outlay of 21.80 lakhs. A faculty is involved in policy research and has a collaborative research with International NGO ATREE and reviewed Biological Diversity Act.

#### 3.2 Resource Mobilization for Research

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

Out of the total budget 4.1% is utilized for research in Lab, seed money for both staff and student. The heads includes chemicals, glasswares, equipments, books and journals and miscellaneous. For the academic year 2012-13, 36.06 lakhs were allotted and actual utilization was 36 lakhs.

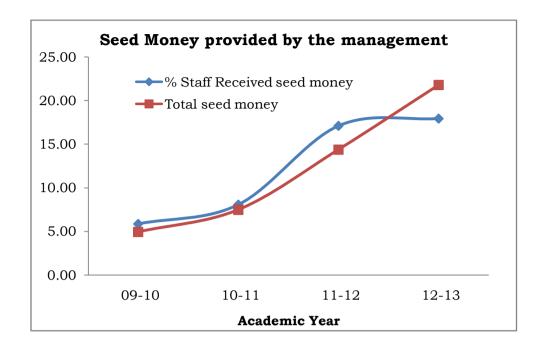
## 3.2.2 What are the financial provisions made in the College budget for supporting student research projects?

0 W	Department	2010-11		2011-12		2012-2013	
S.No.		No.of Students	Amount	No.of Students	Amount	No.of Students	Amount
1.	Tamil	5	25,000	10	50,000	13	65,000
2.	MBA	-	-	-		6	30,000
3.	Bio-Chemistry	3	15,000	-		5	25,000
4.	Physics	-	-	4	20,000	13	65,000
5.	Mathematics	-	-			11	55,000
6.	Zoology	1	4,000			6	30,000
7.	Chemistry	9	45,000			5	25,000
8.	English	-	-	9	45,000	11	55,000
9.	Commerce	-	-			14	70,000
10.	Computer Science	-	-	20	1,00,000	20	1,00,000
11.	Micro Biology	-	-	10	50,000	6	30,000
12	Botany			5	25,000	5	25,000
13	Bio Technology	-	-	5	25,000	7	35,000

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

Management provides seed money for the faculty to conduct research approved by the Research committee selectively. During the last four years seed money is provided to 124 faculty sum of Rs. 48,65,000.00

to 124 faculty members.



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

College management encourages staff members to conduct innovative researches towards patenting and provides logistic support like resource persons. Different work is in progress towards the patent.

#### 3.2.5 Provide the following details of ongoing research projects:

Nature of the	Duration Year Title		Name of the	Total Grant		Total grant
Project	From To	of the projec	funding	Sanctioned	Received	received till
Minor projects	2014-16	1	UGC	2,17,000	_	_
	2014-16	2	UGC	2,50,000	-	-
Students' research projects	2012-15	3	TNDCE	1,60,000		74,000
	2012-17	4	DST- INSPIRE	7,00,000		3,00,000
	2014-17 (3 members)	5-7		Each 3,00,000		1,50,000

- 1. Simulation of microbial consortia and enzymes for effective biogas production
- 2. Isolation and characterization of active principles from an unexplored plant Leucas vestita, wolf Benth.
- 3. Bioremediation of pesticide polluted soil using organic farming
- 4. Segregation and microbial manipulation of anaerobic degradation for increased biogas production with decreased time line and space
- 5. Ethanobotanical study on Southern Eastern Ghats
- 6. Studies on ethnic knowledge of plants in Yercaud Hills, Eastern ghats
- 7. Molecular characterization of ESBL producing enterobacteriaceae involved in human infection and a noval anti-microbial substance discovery approach from herbal plants
- 3.2.6 How many departments of the College have been recognized for their research activities by national / international agencies (UGC-SAP, CAS, DST-FIST; DBT, ICSSR, ICHR, ICPR, etc.) and what is the quantum of assistance received? Mention any two significant outcomes or breakthrough due to such recognition.
  - Department of Botany got sanctioned UGC minor project of Rs.
     2.5 lakhs
  - ➤ Department of Biotechnology got sanctioned UGC Minor project of Rs. 2.17 lakhs
  - > Department of Biotechnology recived funds from DST Inspire fellowship JRF Rs. 2.5 lakhs per year, for the last two years
  - > Department of Commerce received sponsorship from the Securities Exchange Board, India.
  - Department of Commerce received sponsorship from Ministry of Corporate Affairs for an awareness programme
  - ➤ Department of Biotechnology received Rs. 20000.00 from TNSTC for National Exhibtion on National Science Day.
  - > Department of Biotechnology got selected for presenting in UGC

Major project worth 20 lakhs.

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

Title of the project is "State of Ecological Services of Sacred Groves in Biological Diversity Act with Reference to Kolli Hills"

Name of the funding agency: A TREE small grant Bangalore

#### 3.3 Research Facilities

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

Every year internal auditing has been implemented for chemicals, instruments and other infrastructure including research. In terms of research facility, instruments usage and requirements are analysed as per the research activity proposed and ongoing. Budget is prepared in consultation with the Research Committee and approved through the Principal. During the past four years, the management approved to have herbal garden, vermicomposting unit, alternative energy park, mushroom cultivation, Azola cultivation etc.

- 3.3.2 Does the College have an information resource centre to cater to the needs of researchers? If yes, provide details on the facility
- a) Yes, our college research committee acts as information centre to fulfill the needs of the researchers.
- b) College research committee helps the researchers to meet the requirements.

- c) This committee provides guidelines to researchers and helps them to do their research successfully
- 3.3.3 Does the College provide residential facilities (with computer and internet facilities) for research scholars and faculty?

Library is available separately for each department with National and International journals in print as well as e-journals. Internet facility is available throughout the campus that could be utilized by the researchers.

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

Every department has a research committee for their department. The research committee helps the researchers to do their research successfully.

It helps in motivating the research scholars to get an exposure to the state of the art research facilities and at the same time to bridge the gap between industrial requirements and academic outputs

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

Internal collaboration is made among our sister concern institutions for using their laboratory, instruments, library, computers and technology. From the Pharmacy institute students use animal house, gas chromatography, etc. From the institutional hospital samples are available for biomedical research. Apart from internal institutions research facilities from other institutions are also used through MoU's and student project.

#### 3.4 Research Publications and Awards

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

• major papers presented in regional, national and international conferences

	Ser	ninar/ Sympos	Workshop/Exhibition			
2009-10	National		Intern	national	Presente	Doubleimeted
	Presented	Participated	Presented	Participated	đ	Participated
Biochemistry	-	12	-	-	-	-
Biotech	5	107	-	-	-	2
Botany	-	14	-	2	48	2030
Chemistry	-	450	-	-	-	-
Commerce	13	29	10	6	4	2
Computer	11	4	-	-	-	1
Science						
Computer	6	4	1	-	-	-
Application						
English	-	21	-	-	_	4
Information	-	-	-	-	-	-
Technology						
Mathametics	-	23	-	-	-	-
MCA	6	2	-	-	-	1
Microbiology	-	354	-	60	-	15
Physics	5	77	-	-	-	1
Tamil	2	4	-	-	-	-
Zoology	3	30	-	-	-	1

	Sei	minar/ Sympos	Workshop/Exhibition			
2010-11	National		Inter	national	Presented	Participated
	Presented	Participated	Presented	Participated	Trescrited	Tarticipated
Biochemistry	-	-	_	-	-	-
Biotech	5	70	39	5	1	-
Botany	-	5	-	-	-	350
Chemistry	-	-	-	-	25	413
Commerce	7	20	2	10	3	12
Computer	3	4	-	-	-	1
Science						
Computer	3	4	1	-	-	1
Application						
Endlish	6	35	2	-	-	-
Information	-	-	-	-	-	-
Technology						
Maths	-	-	-	-	-	22
MCA	3	4	_	1	-	1
Microbiology	-	590	-	89	-	3
Physics	_	-	_	1	-	3
Tamil	4	6	_	-	-	-
Zoology	-	25	-	2	-	104

### VIVEKANANDHA COLLEGE OF ARTS AND SCIENCES FOR WOMEN (AUTONOMOUS) SELF STUDY REPORT

	Sem	inar/ Sympos	Workshop/Exhibition			
2011-12	National		Intern	ational		
	Presented	Participated	Presented	Participat ed	Presented	Participated
Biochemistry	-	-	-	-	-	-
Biotech	6	46	19	1	-	1
Botany	2	-	3	_	-	560
Chemistry	-	430	-	_	-	-
Commerce	3	14	4	13	5	1
Computer	5	9	1	-	1	-
Science						
Computer	4	9	-	-	-	2
Applications						
Endlish	-	43	-	2	-	2
Information	_	-	-	-	-	-
Technology						
Maths	31	_	_	_	-	-
MCA	4	9	-	1	-	1
Microbiology	_	222	_	_	-	1
Physics	10	83	_	_	-	-
Tamil	4	8	_	_	-	-
Zoology	3	30	_	7	-	6

	Seminar/ Symposium/Conference				Workshop/ Exhibition	
2012-13	National		International		Presented	Participated
	Presented	Participated	Presented	Participated	Presented	Participated
Biochemistry	-	14	-	-	-	-
Biotech	39	26	-	1	-	1
Botany	-	2	1	3	1	350
Chemistry	-	2	-	-	-	-
Commerce	8	1	4	11	12	22
Computer	1	1	1	1	1	-
Science						
Computer	1	1	1	-	-	2
Application						
Endlish	-	51	5	-	1	2
Information	2	-	1	-	-	2
Technology						
Mathametics	-	-	-	-	-	-
MCA	1	1	1	1	-	2
Microbiology	-	207	-	-	-	77
Physics	15	102	-	-	-	-
Tamil	2	3	-	-	-	3
Zoology	-	22	-	8	-	2



#### • publication per faculty

2009-10

Department	Name of the faculty	Name of the Journal	International/ National
Microbiology	Mr.B.T.SureshKumar	International Journal of the Agricultural Technology, 2010, 6(1), 31-35	International
Botany	M.Periyasamy/ M.R.Rajan	International Industry Pollution Effluent, 2009, 25(1), 29-32	International
Botany	M.Periyasamy/ V.Menagadevi/ M.R.Rajan	International Asian Journal of Microbiology,Biotechonologyand Environmental Science, 2010, 12(4), 785-787-	International
Botany	S.Senthilkummar/ S.Sathya Sathish	Ecobiology, 2009, 25(4), 337-341	National
Botany	S.Senthilkummar/ S Sathya. Sathish	National Microbial World, 2009, 11(2), 244-249	National
Botany	S.Senthilkumar/ K.Kamaraj	International Agri & EnviroSciences, 2010, 7(2), 176-178	International
Botany	S.Senthilkummar/ V.Bharathi	National Ecotox and Envmoniting, 2010, 20(5), 459-462	National
Botany	Mr.R.Prabakaran	Pollution Research, 29(2):251-253	International
Botany	Mr.R.Prabakaran	Ethnobotanical leaflets, 14:942-51	National
Botany	Mr.R.Prabakaran	J.Ecotoxicol. Environ. Monit., 20(6):585-588	National
Physics	A.Prakasam	Theoretical Evaluation of the Ultrasonic parameter using binary and Ternary Liquid Mixtures, 2009, 10(8) 21-3110(8)21-31	International
Physics	A.Prakasam	Quantum chemistry phenoxyphthalonitrile Dye Senitizer for solar cells,v77 (15) 45-50	International
Bio-technology	Dr.S.G.Prabakaran	Evolutionary Implementatiom of outer membership Lipoprotenin, 20097,(4), 96-106	International
Bio-technology	Dr.S.G.Prabakaran	Characterization of Leptospira borgpetersenii isolates from field rats, 200940:150-157	International
Tamil	Dr.V.Banumathi	Mathavi Pathippagam, Chennai, 2009, 01, 100-	National
Tamil	Dr.S.Jayanthi	Pallavi Pathipagam,Chennai, 01, 116-	National
Tamil	A.Yoga	Nithin Pathipagam, Coimbatore, 2009, 01, 80-	National
Tamil	Dr.S.Muppidathi	Pallavi Pathipagam,Erode, 2009, 01, 80	National
Computer Science & Applications	N.Nagadeepa	Engineering Today, 2010	National
Computer Science & Applications	N.Nagadeepa	Computer Application, 2010	National
Bio-Chemistry	R.Santhi/S.Anapoora ni/K.KalaiSelvi	Pharmacology Online, 2009, 3, 544-549	National
Bio-Chemistry	R.Santhi	INT.J.DRUG DEV &RES, 20091(1), 81-84-	International
Bio-Chemistry	R.Santhi	Pharmacy Research, 20093(2), 228-230	International
Bio-Chemistry	R.Santhi/S.Anapoora ni	Drug Invention Today, 20092(2), 112-114	International
Bio-Chemistry	A.Manikandan and victor Arokyadas	Pharmacology, 2009, 1, 45-49	International
Bio-Chemistry	A.Manikandan and victor Arokyadas	Research journal of pharmacognosy and phytochemistry, 2009, 1(3), 198	International
Bio-Chemistry	A.Manikandan and victor Arokyadas	Journal of the chemical&pharmaceutical Research, 2010	International
Bio-Chemistry	N.Kiruthika/R.Dhivya /K.Kalaiselvi/P.Kanni mozhi/K.Panneerselva m	Int.J.Biotechnology&bioengineering Research, 2010, 1(1), 73-81	International

2010-11

Department	Name of the faculty	Title of the Paper	Name of the Journal	International / National
Tamil	Dr.S.Muppidathi	Pavannarum Sirukothaism	Pallavi Pathippagam, Erode, 2010, 01. 100	National
Tamil		Puyallal ana Nathi	Pallavi Pathippagam, Erode, 2010, 01, 100	National
Tamil	Dr.S.Muppidathi	Alexchandavurm oru Koppai Thannerum	Pallavi Pathippagam, Erode, 2010, 01, 100	National
Tamil	Dr.M.Senthil Kumar	Kannathasanin Alumai Thiran	International Institute of Tamil Studies, Chennai, 2011, 01, 201	National
Tamil	Dr.A.Ganesan	Imsai Arasiye	Puthagapoonga Pathippagam, Chennai, 2011, 01, 95,	National
Botany	Mr.R.Prabakaran	Biological spectra of Sidhar Kovil flora, Salem district, Tamilnadu	J.Ecotoxicol. Environ. Monit., 21(2): 101-114	National
Botany	Mr.R.Prabakaran	Medicinal flora of Shivan Malaihills of Southern Eastern Ghats, Salem Dt. Tamilnadu	Life sciences leaflets, 22:1065-1078	National
Botany	Mr.R.Prabakaran	Seed morphology of some medicinal plants	Life sciences leaflets, 22:1096-1103	National
Physics	G.Kandiban	Experimental and numerical realization of simple 4D-Hyperchaotic two ideal diodes	Elixir on line journal, 2011, Vol 36, 3091- 3093	National
Physics	G.Kandiban	Simple-4D Hyperchaotic canonical Van der Pol Duffing Oscillator using current feed back op- amp	Recent Research in Science and Technology, 2011, Vol.3(1), 29-31	National
Physics	G.Kandiban	Experimental and numerical Realization of chaotic circuit intermittency Phenomena in a fourth order autonomous Electric Circuit	Recent Research in Science and Technology, 2011, Vol.2(2), 81-83	National
Physics	G.Kandiban	Secure Communication using a Hyper Chaos Based Transmission a Scheme	Journal of Current Reasearch and Review, 2011, Vol.3(10), 162-167	International
Physics	G.Kandiban	Period-Doubling Phenomena in a simple- 3D chaotic oscillator with a diode Pair	Elixir on line journal, 2011, Vol.36, 3094- 3096	National
Physics	G.Kandiban	Period-Doubling Phenomena in a simple- 3D chaotic oscillator with a diode Pair	European Journal of chemistry, 2011, 206-213	International
Physics	A.Prakasam	Geometrical Electronics Structure, Non linear optical and Spectroscopic investigations of 4- (phenylthio) phthalonitrile dye sensitizer for solar cells using Quantum Chemical calculations	Online, (IJAST), 2010, Vol 1., 29-40	Inter National
Computer Science	M.Geetha	International Journal of Advanced Science and Technology	Online, (IJEST),2010, Vol 2, 6521-6531	International
Computer Science	M.Geetha	International Journal of Engineering Science and Technology	Online(IJEST), 2010, Vol 11, 16-22	International

Department	Name of the faculty	Title of the Paper	Name of the Journal	International / National
Computer Science	M.Geetha	International Journal of Computer Applications	Online(IJEST), 2011, Vol 2, 71-76	International
Computer Science	M.Geetha	International Journal of Technology And Engineering System	Online(IJEST), 2010, Vol 1, 51-55	Inter National
Computer Science	R.Indhumathi	International Journal of Advanced Science and Technology	Online,(IJEST), 2010, Vol 11, 1-4	International
Computer Science	R.Indhumathi	International Journal of Computer Applications	Online(IJEST), 2010, Vol 1, 8-15	Inter National
Computer Science	M.Kaladevi	International Journal of Advances in Science and Technology	Online, (IJEST), 2010, Vol 1, 1-7	Inter National
Computer Science	K.Vanaja	International Journal of Advanced Science and Technology	Online 2011	International
Computer Science	K.Vanaja	CIIT International Journal of Wireless Communication	Online(IJEST)2010, Vol 1, 8-13	Inter National
Computer Science	R.Kiruthika	International Journal of Advanced Science and Technology	Online, (IJEST), 2010, Vol 1, 43-53	Inter National
Computer Science	D.Muruganadam	International Journal of Computer Applications in Technology	Online 2010, Vol 11, 228-235	International
Computer Science	D.Muruganadam	International Journal of Current Research	Online, (IJEST), 2010, Vol 1, 17-19	Inter National
Computer Science	R.Valarmathi	International Journal of Advanced Science and Technology  Online(IJEST), 2010, Vol 1, 35 -38		Inter National
Computer Science	S.Rajasekaran	International Journal of Advanced Science and Technology	Current World Environment, 2011, Vol 6, 195-200	Inter National
Microbiology	Dr.K.Moorthy	In vivo Study of Immune response against Vibrio vulnificus in Mugil cephalus by vaccination	Journal of Pure and Applied Microbiology, 2011, Vol 5, 997-1001	National
Microbiology	Dr.K.Moorthy	Bacteriocin & Cellulose production by lactic acid bacteria from raw cow milk	Journal of Biosciences,Biotechno logy Research Asia, 2011, Vol 8, 893-900	National
Microbiology	Dr.K.Moorthy	Determination of Aflatoxin contamination in various spices	Journal of Biosciences,Biotechno logy Research Asia, 2011, Vol 5, 633-640	Inter National
Microbiology	Dr.K.Moorthy	Study on Kerotinophilic and Kerotinolytic Fungi isoloated from Birds feathers and Animal hairs	Inter national journal of Biological Technology, 2011, Vol 2, 42-45	Inter National
Microbiology	Dr.K.Moorthy	Prevalence of Urinary Tract Infection(UTI) among diabetics patients in Vandavasi, TamilNadu, India	Inter national journal of Biological Technology, 2011, Vol 2, 88-93	Inter National
Microbiology	Dr.K.Moorthy	Determination of Drug Resistant Patterns of Salmonella spp from Clinical Samples	Journal of Ecotoxicology and Evironmental monitoring, 2011,Vol 21,143-149	National
Microbiology	Dr.K.Moorthy	Phytochemical and Antimicrobial studies of leaf extract of Prosopis glandulosa	Journal of Biosciences,Biotechno gy Research Asia, 2011, Vol 7, 901- 906	Inter National

Department	Name of the faculty	Title of the Paper	Name of the Journal	International / National
Microbiology	Dr.K.Moorthy	Isolation of Soil Bacteria for Bioremediation of Hydrocarbon Contamination	Inter national journal of Biological Technology, 2011, Vol 1, Special Issue:6-14	Inter National
Microbiology	Dr.K.Moorthy	Occurrence of Mycopopulation in Spices and herbal drugs	Inter national journal of Biological Technology, 2011, Vol 1, 43-49	Inter National
Microbiology	Dr.K.Moorthy	Theoretical model of Quorum Sensing Dependent Regulation of Transcriptional Activators of Pseudomonas aeruginosa	Inter national journal of Biological Technology, 2011, Vol 1, 50-55	Inter National
Microbiology	Dr.K.Moorthy	Prevalence, Antibiotic Resistance and RAPD analysis of food isolates of Salmonella Species	Biomedical and Pharmacology Journal, 2011, Vol 4, 153-158	National
Microbiology	Dr.P.Vijayalakshmi	Assessment of virulence and antimicrobial susceptibility of Vibrio vulnificus isolated from Etroplus suratensis(Bloch)	Current world Environment, 2011, Vol 6(1), 195-200	National
Microbiology	Dr.P.Vijayalakshmi	In Vivo Study of Immune response against Vibro vulnificus in Mugil cephalus by vaccination	Journal of Biosciences,Biotechno logy research Asia, 2011, Vol 8(2), 893- 900	InterNational
Microbiology	Mr.B.T.Suresh kumar	Determination of Aflatozin contamination in various spices	International Journal of Biological Technology, 2011, Vol 1(3), 50-55	Inter National
Microbiology	Mr.B.T.Suresh kumar	Prevalence, Anitibotic Resistance and RAPD analysis of Food isolates of Salmonella Species	Journal of Biosciences,Biotechno logy research Asia, 2010, Vol 7(2), 901- 906	National
Microbiology	Ms.A.Malarvizhi	Isolation of soil Bacteria for Bioremediation of Hydrocarbon Contomination	Journal of Biosciences,Biotechno logy research Asia, 2011, Vol 8(2), 893- 900	Inter National
Microbiology	Ms.S.Arul Sheeba Malar	Determination of Aflatioxin contamination in various spices	Journal of Biosciences,Biotechno logy research Asia, 2010, Vol 7(2), 901- 906	National
Microbiology	Ms.S.Arul Sheeba Malar	Isolation of soil Bacteria for Bioremediation of Hydrocarbon Contomination	Journal of Biosciences,Biotechno logy research Asia, 2011, Vol 8(2), 893- 900	Inter National
Microbiology	Ms.V.Lavanya	Determination of Aflatioxin contamination in various spices	Journal of Biosciences,Biotechno logy Research Asia, 2011, Vol 5, 633-640	Inter National
Microbiology	Ms.V.Lavanya	Study on Kerotinophilic and Kerotinolytic Fungi isoloated from Birds feathers and Animal hairs	dy on Kerotinophilic Kerotinolytic Fungi Exacted from Birds Exercise Asia, Deep Survey Asia, Deep Surv	
Microbiology	Ms.V.Lavanya	Isolation of soil Bacteria for Bioremediation of Hydrocarbon Contomination	National centre for biotechnology Information	National

Department	Name of the faculty	Title of the Paper	Name of the Journal	International / National
Biotechnology	Dr. L. R. Gopinath	Bacillus sp. enrichment culture clone VBUM5 16S ribosomal RNA gene, partial sequence	Advanced BioTech	Inter National
Biotechnology	S.Arjunan	Insilico Sequence Analysis of Virulence Genes of Salmonella typhi	International Journal of Pharma and BioSciences	Inter National
Biotechnology	Mr. K. Mahesh,	Hepatoprotective and antioxidant effect of root and root callus extract of premna serratifolia 1 in paracetamol induced liver damage in male albino rats  World Journal of Fish and Marine Sciences, 3(1), 88 - 95		Inter National
Biotechnology	Dr. S.Geethanjali	Optimization of ProteaseProduction by Bacillus Subtilis Isolated from Mid Gut of Fresh Water Fish Labeo rohita	Journal of Herbal Medicine and Toxicology,5(2), 145 – 149	Inter National
Biotechnology	Dr. S.Geethanjali	A Survey on Hyponatremic Condition in Different Cancer Patients	International Journal of Pharmacy & Technology, 3(1): 1768-1776	Inter National
Biotechnology	Dr. S.Geethanjali	Acute Toxcity Study of Hydroethanoic leaf extracts of Lawsonia Inermis and Mangifera Indica 1. on Mugil cephalus L.	Pelagia Research Library, 2(2): 156-160	Inter National
Biotechnology	Dr. S.Geethanjali	Production of Pseudomonas fluorescence from agricultural wastes and its application in the Preservation of Selected vegetables	International Journal of Pharmaceutical Sciences Review and Research, 015: 79 -82	Inter National
Biotechnology	Dr. S.Geethanjali	In vitro Callus Induction and Detection of Molecular Variation (RAPD analysis) in Cicer arietinum, L	International Journal of Pharmacy & Technology, 3(1): 1768-1776	Inter National
Biotechnology	Mrs. K.E. Poorni	Acute Toxcity Study of Hydroethanoic leaf extracts of Lawsonia Inermis and Mangifera Indica 1. on Mugil cephalus L.	Pelagia Research Library, 2(2): 156-160	Inter National
Biotechnology	Mrs. K.E. Poorni	Production of Pseudomonas fluorescence from agricultural wastes and its application in the Preservation of Selected vegetables	roduction of seudomonas fluorescence om agricultural wastes and its application in the reservation of Selected  International Journal of Pharmaceutical Sciences Review and Research, 015: 79 -	
Biotechnology	Mrs. K.E. Poorni	In vitro Callus Induction and Detection of Molecular Variation (RAPD analysis) in Cicer arietinum, L	International Journal of Biological Technology	Inter National
Biotechnology	Ms. B. Sharmila	Preliminary phytochemical analysis and Antimicrobial activity of Achyranthes aspera Linn	Southeast Asian J Trop Med Public Health (2011). 42(3):679-86-82	Inter National
Biotechnology	Dr. S.G.Prabhakaran	Seroprevalence of Leptospira borgpetersenii serovar Javanica infection among dairy cattle, rats and humans in the Cauvery River Valley of southern India.	pera Linn  roprevalence of ptospira borgpetersenii rovar Javanica infection nong dairy cattle, rats d humans in the auvery River Valley of  42(3):679-86-82  International Journal of Pharma and Bio Sciences	

#### 2011-12

Department	Name of the faculty	Title of the Paper	Name of the Journal	International / National
Commerce	Dr.V.Senthil Kumar	A study on the effects of customer service and product quality on customer satisfaction and loyalty		International
Commerce	Dr.V.Senthil kumar	Impact of Insurance police& its success of the business		International
Zoology	Dr.K.Yashkamal	Study on prey spectrum of social spider stegodyphus sarasinorum and its potential as biological control agent		International
Microbiology	B. Pargavi	Prevalence of Urinary Tract Infection among diabetics patients in vandavasi, tamilnadu,india		International
Botany	Mr.R.Prabakaran	Floristic analysis and phytosociological studies on trees of Perumal Malai hill, Salem, Tamilnadu	Int. J.Res.Pharm.Sci., 3(2): 192-194	International
Botany	Mr.R.Prabakaran	Study on antimicrobial metabolite produced by soil bacteria isolated from less explored ecosystem	Life sciences leaflets, 12:165-173	International
Botany	Mr.R.Prabakaran	Medicinal flora of Sadaiyandioothu of Kanjamalai Hills of Salem District	The Journal of Plant Science research, 28(2):215- 218	International
Botany	Mr.R.Prabakaran	Floristic composition of Poonaigundu, Dharmapuri District, Tamilnadu	The Journal of Plant Science research, 28(1):137- 140	International
Botany	Mr.R.Prabakaran	Phytochemical and antibacterial activities of Leucas helianthemifolia Desf.	Int. J. Med. Res., 1(6):324-327	International
Botany	Mr. S.V.Rajesh	Phytochemical and antibacterial studies of <i>Leucas vestita</i> Wall ex Benth	Asian journal of Tropical Biomedicine, 1707- 1710	International
Botany	Mr. S.V.Rajesh	Phytochemical and antibacterial analysis of Leucas hirta (Heyne ex Roth) Spreng.	International Journal of interdisciplinary research and reviews, 1(1):44-47	International
Botany	Dr.S.Senthilkumar	Study on the Antimicrobial activities of <i>Cucumis</i> anguria.L by Agarwell Diffusion Methods.	Botany research International 4 (2): 41-42	International
Botany	Dr.S.Senthilkumar	In vitro multiple shoot regeneration of Cucumis anguria L.	Journal of Ecotox. and Env. Monitoring. 21 (1): 59-62.	International
Botany	Dr.S.Senthilkumar	Antibacterial activities of Symphytum officinale.L against selected pathogenic Bacteria.	Int. J. Res. Pharm. Sci., 2(1):92-94.	International

Department	Name of the faculty	Title of the Paper	Name of the Journal	International / National	
Botany	Dr.S.Senthilkumar	Phytochemical Screening and Antibacterial Activity of leaves extracts of <i>Lippia</i> <i>Nodifora</i> (L). Against selected bacteria	International Journal of Research in Phytochemistry and Pharmacology,(1),4 5-48.	International	
Botany	Dr.S.Senthilkumar	Ethnobotanical survey of folk plants for the treatment of snakebites in Tiruchrapalli district of Tamilnadu, South India	Int. J. Res. Pharm. Sci., 3(1):72-78.	International	
Biotechnology	Dr. L. R. Gopinath	Isolation of hydrocarbon- degrading bacteria by molecular, Staphylococcus aureus strain 35 16S ribosomal RNA gene, partial sequence	National Centre for Biotechnology Information	National	
Biotechnology	Dr. L. R. Gopinath	Isolation of hydrocarbon- degrading bacteria by molecular characterization Bacillus subtilis strain 23 16S ribosomal RNA gene, partial sequence,	National Centre for Biotechnology Information	National	
Biotechnology	Dr. L. R. Gopinath	Phytophthora gonapodyides strain vicas47 internal transcribed spacer 1, partial sequence; 5.8S ribosomal RNA gene, complete sequence; and internal transcribed spacer 2, partial sequence	National Centre for Biotechnology Information	National	
Biotechnology	Dr. L. R. Gopinath	Pythium mamillatum strain vicas 12 internal transcribed spacer 1, partial sequence; 5.8S ribosomal RNA gene, complete sequence; and internal transcribed spacer 2, partial sequence	National Centre for Biotechnology Information	National	
Biotechnology	Dr. L. R. Gopinath	Fusarium oxysporum strain vicas52 internal transcribed spacer 1, partial sequence; 5.8S ribosomal RNA gene, complete sequence; and internal transcribed spacer 2, partial sequence.	National Centre for Biotechnology Information	National	
Biotechnology	Dr. L. R. Gopinath	Sclerotium cepivorum strain 12 internal transcribed spacer 1, partial sequence; 5.8S ribosomal RNA gene, complete sequence; and internal transcribed spacer 2, partial sequence.	National Centre for Biotechnology Information	National	
Biotechnology	Ms. K.E.Poorni,	Detection of virulent gene for nuclease (nuc) in Staphylococcus aureus isolated from subclinical mastitis	The Indian Journal of Field Veterinarians	International	
Biotechnology	B.Pargavi	Prevalence of Urinary Tract Infection (UTI) among Diabetics patients in Vandavasi, Tamil Nadu, India.	International Journal of Biological Technology	International	
Biotechnology	Ms. S. Geethanjali	Detection of virulent gene for nuclease (nuc) in Staphylococcus aureus isolated from subclinical mas Titis	The Indian Journal of Field Veterinarians	International	

2012-13

Department	Name of the faculty	Title of the Paper	Name of the Journal	International / National
Zoology	Dr.P.Sumathi	Evaluation of Cocoon Production And Vermicompost produced By Eudrilus Eugeniae And Eisenia Fetida In Coirpith waste, Garden Soil Mixed With Cowdung	International Journal of Interdisciplinary Research and Reviews ISSN - 2319-8788	International
Physics	Dr.N.Jayamani	Vibrational Assignment of the spectral data, molecular dipole moment, polarizability, HOMO-LUMO and thermodynamic properties of 5-nitroindan using DFT quantum chemical calculations.	Journal of spectrochim acta Part A, 118(2014) 663-671.	National
Physics	Dr.N.Jayamani	Molecular Structure, NMR,HOMO, LUMO and Vibrational Analysis of O- Anisic Acid and Anisic Acid Based on DFT Calculations,	Journal of spectroscopy, Volume 2013, Article ID 171735, 18 pages.	National
Physics	Dr.N.Jayamani	A joint FTIR, FT-Raman and Scaled Quantum Mechanical study of 2' 4'- difluoro acetophenone and 4'- chloro acetophenone	Elixir International Journal of Computational Chemistry, 13017- 13028.	International
Physics	Dr.N.Jayamani	Molecular Structure, NMR,UV- Visible, Vibrational spectroscopic and HOMO, LUMO analysis of methyl m-hydroxy benzoate and methyl salicylate  Molecular Structure, Elixir International Vibrational Spectroscopy, 54B		International
Physics	R.P. Suresh Jeyakumar	Comparative Studies on the Remover Copper(II) by Ulva Fasciata activated Carbon and Commercially activated carbon	International 1 Polish hournal of chemical Technology(1448- 894)	International
Chemistry	Dr.V.Senthil Kumar	Marketing Management	Shanlax Publications, Madurai(ISSN: 2320 – 4168)	National
Commerce	Dr.V.Senthil Kumar	Practical Auditing	Shanlax Publications, Madurai(ISSN: 2320 – 4168)	National
Commerce	Dr.V.Senthil Kumar	Human Rights	(ISSN: 2320 - 4168)	National
Commerce	Dr.V.Senthil Kumar	A Study on the Effects of Customer Service and Product Quality on Customer Satisfaction and Loyalty	Namex International Journal of Management Research, Coimbatore-33. ( ISSN: 2250-2076)	International
Commerce	Dr.V.Senthil Kumar	Origin and Growth of Car Industry in Indian Context	SELP Journal of Social Science, Tiruchy-21. (ISSN: 0975-9999)	National
Commerce	Dr.V.Senthil Kumar	Challenges of New Technology towards Banking Products and Services	International Journal of Exclusive Management Research, Archers & Elevators Publishing House, Bangalore-560 090. Vol. 3 Issue-1. (ISSN: 2249-8672)	International

Department	Name of the faculty	Title of the Paper	Name of the Journal	International / National
Commerce	Dr.V.Senthil Kumar	Impact of Insurance Police & Its Success of The Business	Pallavi Sri Publications and Mass Communication Erode. 978-93-80406-89-3	National
Commerce	Dr.V.Senthil Kumar	National Private Banking in the New Millennium Convergence of New Innovative and Competitives	Bonfring Publications, Coimbatore. ISBN 978-93-82338-38-3	National
Commerce	Dr.V.Senthil Kumar	A Study on Challenges of New Technology towards Banking Products and Services in India	Mithila Publications, Erode-638 001, Tamilnadu, India. ISBN: 978-93- 80509-31-0	National
Commerce	Dr.G.Azad Basha	Origin and Growth of Mango production in the Indian context	SELP Publication, Tiruchi. Volume –III Issue 12	National
Commerce	Dr.G.Azad Basha	Mango Production in Tamil Nadu	SELP Publication, Tiruchi. Volume –III Issue 13	National
Commerce	Dr.G.Azad Basha	Mango cultivation mango marketing practices in salem districts	SELP Publication, Tiruchi. Volume –II Issue 3	National
Commerce	Dr.G.Azad Basha	Dimensions of Green Marketing	Business Innovation in the Globalisation Era, Global Publications	National
Commerce	Dr.G.Azad Basha	Consumer Behaviour	Contemporary issues in Business Practices, Bonfring Publications	National
Commerce	Dr.G.Azad Basha	An Emotional Marketing	Looming Opportunities & Threats-2013, Bonfring Publications	National
Commerce	Dr.G.Azad Basha	Economic Development & MSMEs in India	MSMEs in India Problems & Prospects, M.S.K. Publications	National
Commerce	Dr.G.Azad Basha	Production & Marketing of Turmeric	Changing Scenario of Corporate Mgt. Pallavi Sri Publications	National
Commerce	Dr.G.Azad Basha	Recent Trends in Tranfer Pricing Auditing	Emerging Dimenensions in Mgt. Bonfring cations	National
Commerce	Dr.G.Azad Basha	Training Scenario in Indian Industry	HRT Times, Chennai.	National
Commerce	Dr.G.Azad Basha	Quality Management Practices in Automotive Industry in Coimbatore	NAMEX, Coimbatore.	National
Commerce	Dr.G.Azad Basha	Factors Influencing The Indian Currency Market	SELP Publication, Tiruchi.	National
Commerce	Dr.G.Azad Basha	Advertisement Ethics in Marketing scenario	Looming Opportunities & Threats-2013, Bonfring, Intellectual Integrity Publication, Coimbatore.	National

Department	Name of the faculty	Title of the Paper	Name of the Journal	International / National
Commerce	Dr.G.Azad Basha	Conceptual Framework on the Relationship Between Human Resource Management Practices, Job Satisfaction, and Turnover	the Relationship Between Human Resource Management Practices, Job Mass	
Micro Biology	Dr.K.Moorthy	Decomposition ability of cellulose, xylan and lignin by litter mycoflora isolated from shola forest of Lamb's Rock, Coonoor, Tamil Nadu	International Journal of Interdisciplinary Research and Reviews,	International
Micro Biology	Dr.K.Moorthy	Diversity, seasonal changes, biotic and abiotic factors of litter fungi from subtropical shola forest of Lamb's Rock, Coonoor, Tamil Nadu	International Journal of Interdisciplinary Research and Reviews	International
Micro Biology	Dr.K.Moorthy	Prevalence and antimicrobial susceptibility pattern of <i>Neisseria gonorrhoeae</i> from rural area of Namakkal, Tamil Nadu	International Journal of Interdisciplinary Research and Reviews,	International
Micro Biology	Dr.K.Moorthy	Seroprevalence of Rubella infection pregnant women.	International Journal of Interdisciplinary Research and Reviews,	International
Micro Biology	Dr.K.Moorthy	Antimicrobial activity and preliminary phytochemical screening of <i>Justicia</i> gendarussa (Burm.F.) against human pathogens	Asian Journal of Pharmaceutical and Clinical Research	International
Micro Biology	Dr.K.Moorthy	In Vitro screening of Antimicrobial activity of Wrightia tinctoria (Roxb.) R.BR.	Asian Journal of Pharmaceutical and Clinical Research	International
Micro Biology	Dr.K.Moorthy	In Vitro screening of Antimicrobial activity and Phytochemical analysis of Punica granatum Linn. (Leaves).	International Journal of Interdisciplinary Research and Reviews	International
Micro Biology	Dr.K.Moorthy	Theoritical modeling and binding site analysis of drug target of Salmonella typhimurium.	International Journal of Interdisciplinary Research and Reviews	International
Micro Biology	Dr.K.Moorthy	Antimicrobial activity of the ethanolic and aqueous extracts of <i>Salacia chinensis</i> Linn. Against human pathogens.	Asian Pacific Journal of Tropical Disease	International
Micro Biology	Mr.B.T.Sureshkumar	Antimicrobial activity and phytochemical analysis of <i>Punica granatum</i> Linn. (pericarp).	Journal of Medicinal Plants Research. Manuscript	International
Micro Biology	Dr.P.Vijayalakshmi	Antimicrobial activity and phytochemical analysis of <i>Punica granatum</i> Linn. (pericarp).	Journal of Medicinal Plants Research. Manuscript Number- JMPR-12-953	International
Micro Biology	Dr.P.Vijayalakshmi	Prevalence and Antimicrobial susceptibility pattern of Neisseria gonorrhea from rural area of Namakkal, Tamilnadu, India	International Journal of Interdisciplinary Research and Reviews,	International
Micro Biology	Mrs.S.Arul Sheeba malar	Seroprevalence of Rubella in Pregnant women.	International Journal of Interdisciplinary Research,Vol I issue	International

Department	Name of the faculty	Title of the Paper	Name of the	International	
Department		-	Journal Journal of Public	/ National	
Micro Biology	Mrs.S.Arul Sheeba malar	Seroprevalence of <i>Toxoplasma</i> gondü in preganant women.	Health and Epidemiology,	International	
Micro Biology	Mrs.S.Arul Sheeba malar	Isolation, Characterization and Antifungal Susceptibility Pattern of <i>Candida albicans</i> and non-albicans Candida from ICTC Patients.	African Journal of Microbiology Research,	International	
Micro Biology	Mrs.S.Arul Sheeba malar	Prevalence of Hepatitis B viral infection among blood donors with antibodies to Hepatitis B core antigen.	International Journal of Medicine and Medical Sciences,	International	
Biotechnology	Dr. S. G. Prabhakaran,	Bacillus subtilis strain VBTPKNAT01 16S ribosomal RNA gene, partial sequence.	NCBI	National	
Biotechnology	Dr. S. G. Prabhakaran	Escherichia coli strain VBTMRC01 16S ribosomal RNA gene, partial sequence.	NCBI	National	
Biotechnology	Dr. S. G. Prabhakaran	Bacillus tequilensis strain VBTLMASP01 16S ribosomal RNA gene, partial sequence.	NCBI	National	
Biotechnology	Dr. S. G. Prabhakaran	Swamannan Aruna, Balasubramani Gangatharaprabhu and Prabhakaran SG. Screening, Production and Partial purification of Laccase Enzyne from white rot fungi.	International Journal of interdisciplinary Research and Reviews (2012). 1: 51-57	International	
Biotechnology	Dr. L.R. Gopinath	Its – PCR based molecular identification of fungi associated with piper nigrum and its growth sensitivity against Pseudomonas fluorescens	International journal of interdisciplinary research and review	International	
Biotechnology	Dr. L.R. Gopinath	GC-MS Analysis of phytochemical composition of Cipadessa baccifera and Clausena dentate and their antibacterial activity	International Journal of interdisciplinary research and review (accepted)	International	
Biotechnology	Dr. L.R. Gopinath	Identification of conserved domain of hydrocarbon degrading bacteria isolated from oil spilled soil	International journal of interdisciplinary research and review (accepted)	International	
Biotechnology	Dr. L.R. Gopinath	Methanosarcina thermophila strain KA1 16S ribosomal RNA gene, partial sequence	NCBI	National	
Biotechnology	Dr. L.R. Gopinath	Pseudomonas hibiscicola strain AS1 16S ribosomal RNA gene, partial sequence	NCBI	National	
Biotechnology	Dr. L.R. Gopinath	Bacillus flexus strain V1 16S ribosomal RNA gene, partial sequence	NCBI	National	
Biotechnology	Dr. L.R. Gopinath	Lysinibacillus fusiformis strain AGE1 16S ribosomal RNA gene, partial sequence	NCBI	National	
Botany	Mr.R.Prabakaran	Air pollution tolerance index of selected plants of Salem- Bangalore-NH7 near Salem, Tamilnadu.	Pollution Res., 32(2):411-413	Internationl	
Botany	Mr.R.Prabakaran	Ethnoforestry and ethnoagsricultural knowledge of Malayali tribes of Chitteri hills, Tamilnadu.	J.Bio. and Env. Sci., 3(5):12-19	International	
Botany	Mr.R.Prabakaran	Role of Non-timber forest products in the livelihood of Malayali tribe of Chitteri hills of Southern Eastern Ghats, Tamilnadu, India.	Journal of applied pharmaceutical sciences, 3(5):056-060	utical International	

- faculty serving on the editorial boards of national and international journals
  - Dr. L. R. Gopinath as the Editor in International Journal of interdisciplinary research.
- faculty members on the organization committees of international conferences, recognized by reputed organizations / societies.

**NIL** 

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

The institute has proposed to publish a international journal and has already started the process of applying for ISBN Number.

#### 3.4.3 Give details of publications by the faculty

Information required	Details		
Publication per faculty	0.89		
Number of papers published in peer reviewed journals (national	International	National	
/international) by faculty and students	127	150	
Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)	115	100	
Monographs	Nil		
Chapter in Books	Nil		
Books Edited	26		
Books with ISBN/ISSN numbers with details of publishers	Refer Evalua	tion Report	
Citation Index	0.38-0	6.31	
SNIP	0.5132-2.4		
SJR	0.33-2.5		
Impact factor	0.3-6		
H Index	4-7	7	

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

S. No.	Dept.	Number of Guide				Successfully completed students					
D. 110.	Бере.	09-10	10-11	11-12	12-13	13-14	09-10	10-11	11-12	12-13	13-14
01	Tamil	2	2	4	4	6	2	2	8	8	10
02	English	1	1	3	3	3	5	5	3	10	15
03	Maths	0	0	0	3	3	0	0	0	11	15
04	Physics	1	1	8	10	7	5	5	11	12	12
05	Chemistry	1	1	4	4	0	5	4	6	5	0
06	Botany	1	3	3	3	3	5	4	2	5	2
07	Zoology	2	4	4	4	4	4	1	5	7	3
08	Biochemistry	1	0	0	2	1	3	0	0	5	1
09	Biotechnology	2	1	2	2	2	9	5	10	7	5
10	Microbiology	5	3	4	3	0	15	14	13	6	0
11	Computer science	0	0	0	10	10	0	0	0	20	20
12	Commerce	4	5	11	10	0	13	15	14	14	0

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

When any malpractices or misconduct in research is found, it will be reported to research committee. The management along with the committee takes appropriate action according to the gravity of the issue. If the department research committee finalize the situation if the scope within its grasp, it will be informed to the management.

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

Research projects are undertaken interdisciplinary according the students' interests and need of time. Interdisciplinary projects are also under taken in the college among different departments. Department of Biosciences, department of computer sciences and department of commerce are the major departments do more interdisciplinary researches. Resources and facilities are pooled for the benefit of all. Every year students from bio sciences undergo mostly interdisciplinary project works. These projects lead to successful publications.

#### 3.4.7 Mention the research awards instituted by the College.

NIL

#### 3.4.8 Provide details of

- \* research awards received by the faculty
- \* recognition received by the faculty from reputed professional bodies and agencies

S. No.	Name and Designation of the Staff member	Name of the Award/ Recognition received	Name of the Agency	Month & Year of receiving the Award/Recognition
2009-10	Dr. A. Ganesan	KaviPunal	ULAGA Tamil Peravai	2009
2007-10	Assistant professor	MakkalSevager	Government of Tamilnadu	2009
2010-11	Dr. A .Ganesan Assistant professor in Tamil	Kavingayeruviruthu	Kaviyarasimithraarakkatalai	2010
	Dr. S. Jayanthi Assistant professor in Tamil	Kavichselvar	Iynthamulagatamilsangam	2010
	Mr. K. Moorthy professor in Microbiology	RashtriyaGaurav award Best citizen of india	India international friendship society,newdelhi International publishing house,newdelhi	2010
	Dr. A. Ganesan, Asst.Prof in Tamil	IllakiyaThendral		2011
2011 12	Dr. S. Jayanthi, Asst.Prof in Tamil	Tamil sudar	Thiruvaiyaru Tamil Sangam	2012
2011-12	Dr. Banumathy, Asst.Prof in Tamil	Tamil sudar	Thiruvaiyaru Tamil Sangam	2012
2012-13	Dr.L.R.Gopinath Professor, Head,	Dynamic Youth Award	Pollywood Star media NET &Grosson Engineers, on Mr.Ragul Gandhi Birthday celebration	2013
	Dept of Bio- Technology	Global Excellence & Pride	National 20 point programme on Dr.Manmohansingh Birthday Celebration	2013
2013-14	Mr. Boopathi, Librarian	Best Librarian Award	from SALIS, sponsored by UNESCO organization.	2013

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

Special On duty leave, salary incentives, providing research environment within the time table are given to the research faculty. The college gives all fidelities if they required

#### 3.5 Consultancy

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

As part of curriculum activity students are advised and encouraged to communicate to the benefit of their family and local community through formal and informal discussion and meetings which is also evaluated for internal assessment.

Workshops are organized for the farmers to enhance their skill and knowledge in their livelihood activities. Entrepreneurship programs conducted for both students and the farmers. Through NSS, YRC, Women's Club, Consumer Club, etc., several social welfare activities were conducted in their respective objectives for community development is implemented.

Local farmers were enriched with different skills in auditing their agricultural operations, developing biofertilizer units, vermicomposting and azolla cultivation herbal garden etc.

Faculty was permitted to give consultancy services to industries based on requirement and permission from the Principal. These includes knowledge sharing, technology verification, policy advocacy etc.

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

Annual visit from different institutes and industries to our instution for selling their product, providing training and recruitment. Apart from this, PG students are placed in different industries by the departments for summary training, project work and other trainings. Regular industrial visits are arranged for the students. The above activities are formed a platform for an interaction for placement drive and research consultancy.

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

Following modes are adopted to publish the expertise of the college for consultancy services:

- 1) Website of the college with faculty members' areas of expertise and their research activities.
- 2) Our magazine publishes research activities, training given by the faculty members and workshops organized by the departments both as hard copy circulation and in website.
- 3) The programmes like Training, Seminars, and Workshops are intimated to the general public through news papers.
- 4) All the consultancy services are at free of cost

## 3.5.4 How does the college encourage the staff to utilize their expertise and available facilities for consultancy services?

Within the university domain, the staff members are permitted to act as external examiner for practicals, viva, examiner for dissertations and theses staff also give special lectures and training to other institutes. Free consultancy is provided by our staff for the neighboring farming communities and other society as per their request made to the principal. Special consultancy services are also

permitted based on proposals and report sharing.

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

Each department provides consultancy services in their specific areas. Local communities are provided free consultancy service. Institution do not interfere the staff consultancy sevice and are mostly non renemurative.

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

# 3.6.1 How does the College sensitize the faculty and students on Institutional Social Responsibilities? List the social outreach programmes which have created an impact on students' campus experience

The conspicuous idea of our college is to serve to the society and proves its motto by its all activities. The institution gives a path to all faculty members and students to have social commitments to substantiate by their own innovative social services for the betterment of women status.

Our consultancy services are mainly pertaining to eradicating poverty and developing social economic status of the people surrounding our college.

Apart from the these services, our NSS, RRC, YRC social service clubs function in such a way to create awareness through outreach programmes and by conducting meetings, celebrating national days and organizing rallies by involving NGOs.

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

Variety of events are organized to the neighbourhood communities. The Chairman of the Institution is in close contact with the neighbourhood communities were he is consulted for social function and he contributes consultancy through our staff members and students he also contributes financial support help to several social functions. At department level each department depends upon their specialization contribute and interact with the neighbouring communities for their needs for improving their lifestyle and livelihood options. Apart from this extension activities through NSS, YRC, RRC, Consumber Club, Women's Club, etc. Interact with the neighbouring community in capacity building exercise. Workshops, Seminars, Training programs, Exhibitions are conducted to neighbouring communities and school childrens. Faculties also visit the schools and local communities to give special talk and lectures as a part of capacity building exercise.

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

From the fact that the institution has nine NSS units with 900 students it is evident that students and staff members are actively participating in the extension activities. Institution provides various capacity building programs to the NSS students where students become confident in planning, executing, leading and take interest in social activity and become responsible citizen.

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

During the last four years NSS units adopted six villages in Ilanagar of Namakkal District, made systematic social survey identified various issues related to their development in education, environment, health, employment, etc. The local community is given awareness on various government schemes and procedures for availing the same. Apart from this the management provided various education and health schemes for the community for their improvement.

#### 2009-2010

- Department of Micro-Biology organized a health awareness programme for Tribal people on 27.10.2009 and for especially pregnant women on 13.02.2010.
- An agricultural awareness programme was initiated by the department of Micro-Biology to the local farmers in 03.03-2010.
- Awareness for donating human organs to the needed patients has been given to the rural citizens.
- Tree plantation and environmental educational programmes were conducted in the nearby remote village-Unjanai by the students of the department of English.
- C-life Aids awareness was conducted by Red-Ribbon Club.

#### 2010-2011

- Visited nearby villages educating the significance of literacy
- Red Ribbon club organized Blood Donation Camp in Government Hospital on 20-10-10.

- The programme "Celebrating life Module-2010" had conducted on 09.04.2010 by Red ribbon Club
- Special camp conducted on 09.02.2011 to 15.02.2011 at Elanagar & Mavureddipatti

#### 2011-2012

- Visited nearby villages educating the significance of literacy.
- Propagated the necessity of avoiding "Drop outs".
- Organized blood donation camps.
- The programme "Celebrating Life -2011" had conducted on 14<sup>th</sup> October 2011 by Red Ribbon Club.
- Special camp is conducted from 05.01.2012 to 11.01.2012 at Elanagar, Mavurettipatti, Kaattupalayam, Vadugapalayam, Kattipalayamm, Nallagoundapalayam, Akkalampatti, Pullachipatti

#### 2012-2013

- NSS students of our college are trained to provide service to the society.
- The units organized guest lectures on various relevant topics like women empowerment, legal awareness, fire rescue and personality development.
- Planted saplings on world Environmental day.
- The Program Celebrating Life 2013 was conducted.
- Special Camp were conducted from 25.02.2013 to 03.03.2013

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

#### CHAIRMANS AWARD FOR HIS CONTRIBUTIONS

- Dr. G. Bhujanga Rao, IAS award- by Human resource research and development organization (HRRDO), Dharmapuri for his excellence in women's education.
- "Kalvi yogi" and "Life Time Achiever"- all India yoga and sports Association, New Delhi.
- President "Pasam", Periyar university affiliated Self Finance Arts and Science College Management confederation (2012).
- Senate member, Periyar university, Salem (2012).
- 3.6.6 Reflecting on objectives and expected outcomes of the extension activities organized by the institution, comment on how they complement students' academic learning experience and specify the values and skills inculcated.

For each program, objectives of the program and its social implications are clearly mentioned to the students during their inception. Students take self interest after joining in learning, planning and execution as a result of capacity building exercise in each program. As per our college objective, students are keen in conserving our culture, tradition, goal, exhibit their talent and skill through various programs in social upliftment activities. The students also execute moral values and ethical code to the local communities.

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

The students perform the outreach activities in the community from where they come from and exhibit awareness programs to the local panchayat which provides logistics and even food for the students and facilitators. The outreach activity on awareness varies with department to department according to their subject. The awareness programs include debate, drama, mono acting etc. Models are also exhibited in the villages which in turn develop into operating system for their personnel use and also to the scale of small scale industry.

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

Students are encouraged to communicate socially relevant excercise in their subject in their community through group discussion, Skit play, awareness camp etc, which forms part of our internal assessment.

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.

Around 13 villages were adopted for constructive models of our out reach program and more than 25 villages benefitted in increasing their literacy rate and awareness on various aspects of sustainable development. Industry Institution and community interaction resulted in development of laboratory scale biogas units, for testing feed stock and parameter control, Vermicomposting unit, Azolla cultivation unit, shade net chamber, herbal garden, language lab, etc. which facilitates

the student to conduct their research, provide seed stock and working model for the local communities for enhancing their enterpreunership skills, etc.

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.

#### **Refer 3.6.5**

#### 3.7 Collaboration

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

Students from PG collaborate and interact with different industries within states in the country. Five M.Phil. students did their part of their research work in Tamil Nadu Vetrinary College and Research Institute, Namakkal, Seven M.Sc. students did their summer training course in Jawaharlal Nehru University, New Delhi.

#### 3.7.2 Mention specific examples of, how these linkages promote

Seventy nine linkages have been created with the research institutions and companies. This led to variety of changes in the college.

#### \* Curriculum development/enrichment

Based on the interaction and linkages with research institutes each department enriched their curriculum towards skill and entrepreneurship based syllabus and also introduced new subjects towards job oriented subjects.

#### \* Internship/ On-the-job training

Regular inteship and Job training is given for medical coding, Medical transcription, Web designing, e-Learning, Networking, etc by various organization and students are given jobs for best performing students.

#### \* Faculty exchange and development

Faculties give frequent guest lectures, chair session in meetings and train in other research institutes, 235 such exchange of professional experience taken place during the past four years.

#### \* Research

Linkages with other institutes led to 126 PG research work and 46 M.Phil. research work.

#### \* Publication

114 publications

#### \* Consultancy

Regular consultancy programs given by most of our staffs to the local communities for transport, poultry units, local farmers on charity basis.

#### \* Extension

Regular extension activities is conducted by students and staffs in their native villages communicating the professional skills and developing livelihood options to the women from poor family particularly in agriculture, poultry and transport industries.

#### \* Student placement

Students under go summer placement in the industries, research institutes and universities with the established linkages 126 students uder took training course in 26 institutes.

#### \* Any other - Nil

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

Collaborative arrangements are mainly through student's research project, industrial visit and placement. More than 79 institutes both at State and National level are in contact with the institution for supporting our student and institutional development. Most importantly Verternary College- Namakkal, Agricultural University-Coimbatore, CLRI- Chennai, Indian Institute of Ramanujam Institute-Chennai, Parle Biscuts-Madurai, Indian Institute of Astro Phsics-Kodaikanal, Salem Steel Plant- Salem, PEOPLE PRO, AMAZON, OPTIMAICS, Blue Lotus, IDBI Federal, I GATE, India Info line, CTS, DICOM, TNQ Books & Journal, TCS BPS, I SSM, WIPRO, etc. MoU's with these institutes resulted in variety of co-curricular activities, training programs and placements.

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

The college is fully equipped with all laboratories facilities. Lab facilities are being developed by its own experience with the industries

where our researchers do their off campus researches. We have centralized bio laboratory that fulfills the current industrial needs.

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

Alumni working in reputed research institutes abroad visit the college regularly and interact with the students and conduct capacity building exercise.

#### CRITERION IV: INFRASTRUCTURE AND LEARNING RESOURCES

#### 4.1 Physical Facilities

## 4.1.1 How does the College plan and ensure adequate availability of physical infrastructure and ensure its optimal utilization?. (Annexure VI)

The magnanimous management always equips the infrastructure facility to keep in pace with the academic growth and advancement in technology. In most cases the management identifies many of the needs and implements it.

The institution improves the infrastructure facilities available within the campus in order to meet the demands of the students and their academic needs. Seminar hall and library were built in all the blocks which are newly constructed. Two new blocks Commerce, Tamil and all other buildings were rejuvenated with tiles, toilet facilities for students, male staff, female staff and separate room for each heads of the department were constructed. Staff rooms were modernized with new desks and computers with internet facilities. Old library was demolished and new library was constructed with modernization. A number of computers were purchased with latest configuration with internet facility both LAN and WI-FI. Separate rooms for research scholars and modern equipments were purchased during the last five years. Airconditioned Board room and Controller of Examination with all facilities were constructed.

The hostel has been extended with more number of rooms, better facilities of gym, recreation rooms and beauty parlor, etc. New canteen and departmental store were also constructed during this period.

S. No.	Infrastructure development	Amount spent Rs. In lakhs
1	Lab equipments and other expenditure at department level	40.36
2	Committee room, Principal room, Principal office, controller office	10.23
3	Tamil building with seminar hall, cafeteria and departmental store	350.00
4	Commerce block	623.00
5	IT block seminar hall	15.67
6	Rejuvenation of Main block	75.45
7	Rejuvenation of Mathematics block	55.98
8	Rejuvenation of Physics and Chemistry block	54.67
9	Rejuvenation of Hostel	48.76

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

The policy of the management is to provide sufficient infrastructure that facilitate effective teaching and learning. It is intended to fulfill UGC, and affiliating university norms. However, in most cases the management provides the infrastructure facility as per the requirement of students, parents and other stakeholders which is addition to the norms. As a result, each department has its own library similar to central library with 50 seating capacity, digital library, class room, and common room for staff and students separately, separate laboratory for UG, PG and research scholars. Internet rooms for students and teachers and language labs etc.

The budget is prepared for infrastructure by Heads of each Department, and it was ratified by HODs. The meeting was approved by the Principal with the permission of the Chairman.

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

0.31	T. C. A.	37	
S. No.		No.	Remarks
1	Class rooms	171	All Class rooms are with students tables, chair,
			staffs tables and LCD tables, plug points and with fans
2	Students lab	33	With all necessary facilities
3	Research lab		5
4	Internet facilities	13	With all necessary facilities  Both LAN and WI-FI
4	for staff and	859	Dour Lan and wi-ri
5	Class rooms with	24	With LCD, OHP, Slide projector etc.
J	ICT	41	with BeB, offi, office projector etc.
6	Library	6	With each seating capacity of 40, 189, 58,82, 32 and
			40 along with internet connection
7	Seminar Hall	4	All with the capacity of 500 seats
8	Herbal garden	1	With endangered and economically viable plants
9	Vermi composting unit	1	With a capacity for training 20 students
10	Mushroom	1	With a capacity for training 20 students
10	cultivation cabin	1	with a capacity for training 20 students
11	Tissue cultue	1	With a capacity for training 20 students
11	hardening unit	1	Will a capacity for training 20 statemen
12	Green house	1	With a capacity for training 20 students
13	Xerox section	4	With binding, scanning and color printout
14	Printing press	1	With multicolor offset printing and various types of
			binding facility
15	Sick room	8	With four beds and other first aid equipments
16	Admission Office	1	Full flourished with sex counseling rooms, accounts
			room, strong room with a capacity of 500 people hall.
17	Placement Cell	1	Well equipped with training hall, GD rooms etc.
18	Controller of	1	With all facilities for storing answer sheets, question
	Examination		paper printing communication facilities, etc. with air
1.0	D ' ' 1 O CC'	1	conditioned controller room
19	Principals Office	1	With all necessary facilities
20	Principals room	1	Air conditioned room
21	Chairmen's Office	1	Air conditioned room with all necessary facilities
22	Accounts section	1	With all necessary facilities
23	UPS room	1	With all necessary facilities
24	Generator room	1	With all necessary facilities
25	Cafeteria	1	With well established kitchen with a seating capcity
06	Dananton and 1	1	of 100
26	Departmental store	1	With all necessary facility
27	IQAC room	1	With all necessary facilities

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

Management gives privilege to the physically disabled students and provides concession and free education to them. The administration provides special facilities as per need to the physically challenged students. Faculty and students take extra care in helping them by several ways. Scribes are arranged for those who are unable to write their examinations.

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

#### Capacity of the hostels and accompany

- There are Two hostels with each inmates of 1500 students Facilities for medical emergencies are available
- Residential facility for the staff and occupancy are available
- Constant supply of safe drinking water
- Library facility in the hostels

## Recreational facilities in hostel/s like gymnasium, yoga center, etc

- There is a 4 common room with audio-visual equipments
- Gymnasium and yoga center were available for hostel inmates
- There is a beauty parlour with 12 seating capacity

Broadband connectivity / wi-fi facility in hostel/s. Wifi facility was available in hostel.

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

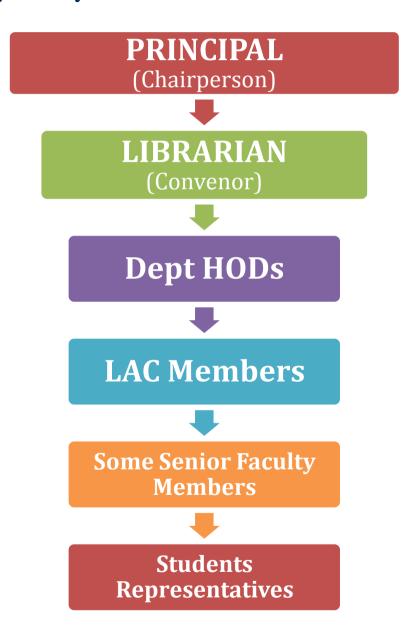
Staff and students are provided with rest rooms with first aid facilities. The campus is provided with RO filtered water and good sanitary facilities are available. Insurance is provided to all members of the college. The management runs multispeciality hospital in the opposite campus with research facility where students and staffs are provided with health concessions. Ambulance and taxi services are available in the campus.

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

S. No.	Infrastructure	No.	Remarks
1	Auditorium	1	Has seeting capacity of 4000 seats
2	Indoor sports room	1	With all necessary facilities for Shuttle court, table tennis, chess boards, carom boards, weight lifting plates and rods, fitness center etc
3	Outdoor games	1	Kabadi court, volleyball court, high jump uprights, shotput, cricket basket ball long jumb pit

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

**Library Advisory Committee** 



➤ The LAC meets regularly, deliberates on the budget, discusses thoroughly the proposals are sent in by the departments and the students, and recommends steps for maintenance and up-keeping.

The Librarian is responsible for the day-to-day activities of the library

- ➤ The committee are supervising the preparation of library budget, administration, selection and purchase of books and journals and their storing, preservation, computerization etc. The LAC advised that a full automation of the library be carried out and it was duly implemented.
- ➤ Students and staff reap the benefits of free internet access, computerized browsing and lending facility, and subsidized photocopying utility all of which came through the recommendations of the LAC.

#### 4.2.2 Provide details of the following:

Total Area of the Library : 15574
Total Seating Capacity : 461

	Areas (sqft)						Citting	Swatom
Library Name	Book Rack	Reading Section	Periodical Section	Digital Library	Circulation Section	Total (Sqft)	Sitting Capacity	System Available
Commerce	640	4603.5	37.5	255	220	5754	189	26
English	202	1331	276	-	39	1572	58	2
PCM	418.4	2253.65	19.2	357	168.75	3207	82	26
Tamil	111	1125.44	10	-	27.56	1274	32	2
CS	329.76	2036.74	12.5	-	70	2449	60	2
Life Science	221	1040	125		41.25	1318	40	2
Library Total Area(sqft)	1922.16	12390.33	480.2	612	566.56	15574	461	60

Working hours (on working days, on holidays, before examination days, during examination days, during vacation)

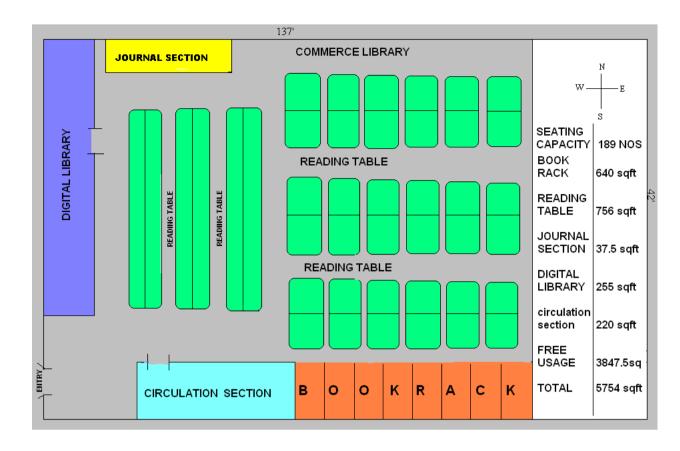
Working Days

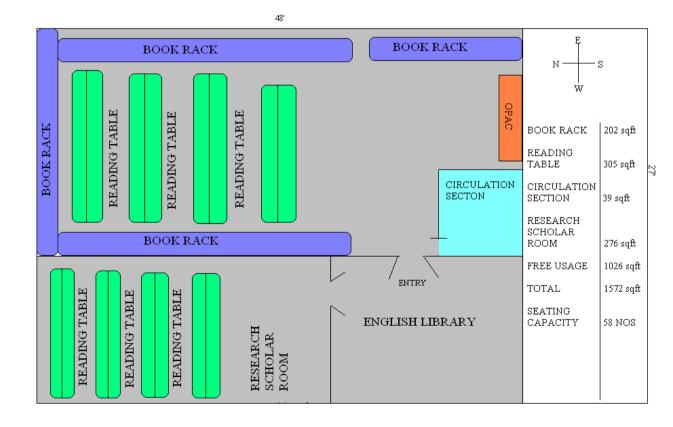
Before Examination Days 8.30am – 7.00 pm

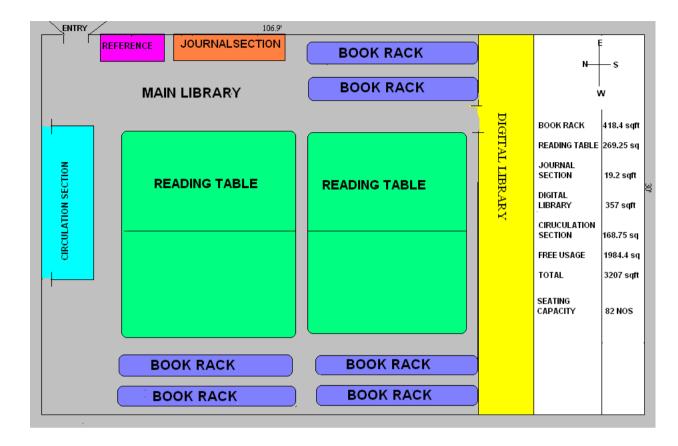
**During Examination Days** 

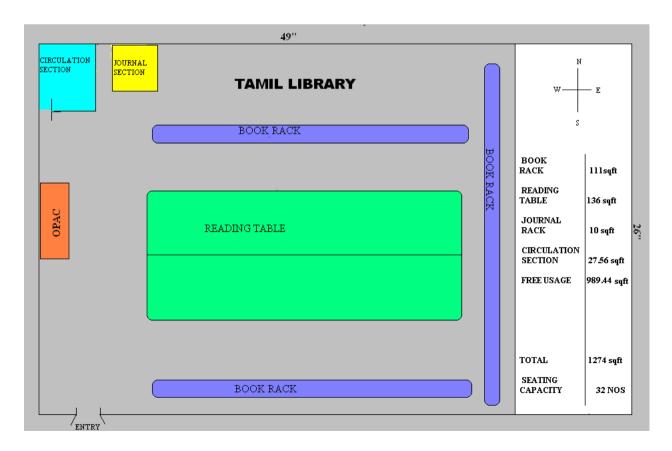
Holidays - 9.30 am – 1.00 pm

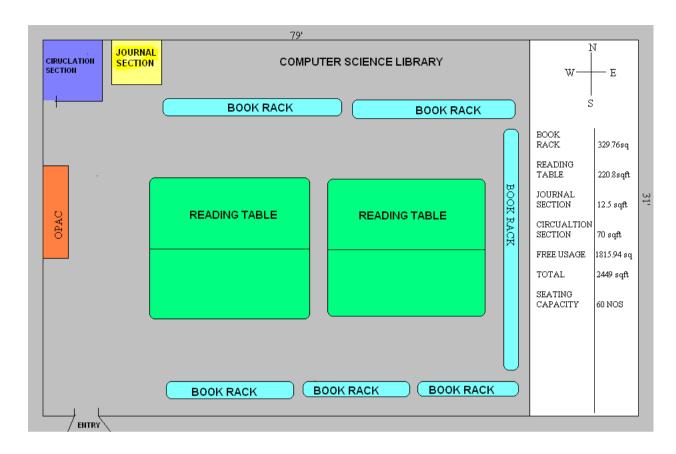
During Vacation - 9.30am - 5.00 pm

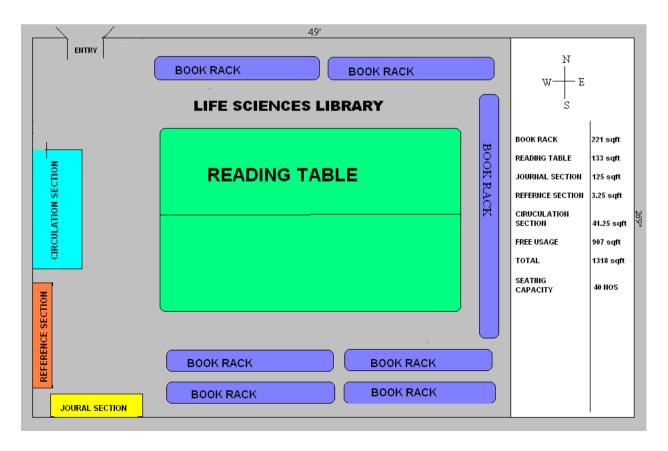












#### 4.2.3 Give details on the library holdings

Books and journals are bought by the library and by the departments, keeping in mind the budgetary allocations and other book grants received. Books of general interest are first approved by the LAC and then bought by the librarian. Text books, reference books and Journals are selected by the faculty concerned the enlisted vendors and publishers supply the books in the following standard financial procedures. In order to ensures library purchase and use of current titles, important journals and other reading materials at the best possible prices. In the last five years, the library spent the amount of **Rs. 72,55,974/-** After acquisition of the books, accession and categorization of the books are done. After this process the books are made available to the users.

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

S. No.	<b>Details</b>	Remarks
1	OPAC	Yes
2	Electronic Resource Management package for e-journal	Yes
3	Federated searching tools to search articles in multiple databases INFLIBNET	Yes,
4	Library Website	Yes
5	In-house/remote access to e-publications	Yes

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

S. No	Details	Remarks
1	Library automation	Yes
2	Total number of computers for public access (10 for searching, OPAC; 45 for internet use and 5 for library management)	60
3	Total number of printers for public access	1
4	Internet band width/speed	6MB/78Mbps
5	Institutional Repository	No
6	Content management system for e-learning	No
7	Participation in Resource sharing networks/consortia (like INFLIBNET)	Yes

#### 4.2.6 Provide details on the following items:

S. No.	Details	Quantity
1	Average number of walk-ins	750/day
2	Average number of books issued/returned	225/150
3	Ratio of library books to students enrolled	53024: No
		of Students
4	Average number of books added during	25494/5
	last Five years	years
5	Average number of login to opac (OPAC)	350/day
6	Average number of login to e-resources	80/day
7	Average number of e-resources	25/day
	downloaded/printed	
8	Number of information literacy trainings	One/
	organized	Annually.
9	Details of "weeding out" of books and	66/5years
	other materials	

### 4.2.7 Give details of the specialized services provided by the library

S.No.	<b>Details</b>	Quantity
1	Manuscripts	No
2	Reference	Yes.90/day
3	Reprography	Yes. 1000 imprints/day
4	ILL (Inter Library Loan Service)	No
5	Information deployment and	Yes, Library maintain
	notification (Information	necessary files.
	Deployment and Notification)	
6	Download	Yes. 50/day
7	Printing	Yes. 100 prints/day
8	Reading list/ Bibliography	Yes. Regularly
	compilation	
9	In-house/remote access to e-	Yes
	resources	
10	User Orientation and awareness	1.Annual Orientation
		Program for fresher
11	Assistance in searching Databases	Yes. 1 dedicated staff
12	INFLIBNET/IUC facilities	Yes (Teachers and students)

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

	2009 - 10		2010 - 11		2011 - 12		2012 -13		2013 -14	
Library holdings	Number	Total Cost	Number	Total Cost	Number	Total Cost	Number	Total Cost	Number	Total Cost
Text books	5194	1158877	4830	1008124	3879	970954	3148	638499	7535	1238215
Reference Books	78	134329	166	19710	278	76356	191	55923	217	336799
Journals/ Periodicals	168	71975	92	182489	102	226820	151	314026	220	395378
e-resources	35123	11500	35529	11500	113399	121500	121841	16500	142127	266500
Any other (specify)										_

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

The Library takes regular feedback from its users (verbally and informally). When a problem is arised we will find out the solution and discuss with Principal, and strategies for improvement are worked out accordingly.

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

The following infrastructural development work of the library was carried out in the last four years:

- Fully equipped Separate library for each department Sepa
- rate budget allocation for each department
- Displaying the Layout of the Library
- Establishment of competitive examinations area
- Number of system increased in the internet section
- A separate section for accessing e-resources

- INFLIBNET facilities
- Power backup
- Number of e\_journals subscription increased.

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

#### **Library Activities (2013-2014)**

#### \* EBSCO Workshop for Staff Members (11-07-2013)

Department of Library has organized "EBSCO Host Training Program" for faculty members. The VICAS Library going to subscribe the EBSCO "Academic Elite package". Its fulfill the all requirement of research scholars, its provide various type of discipline journals, e – books and abstracts etc.

#### \* Orientation Program (15-07-2013 to 23-07-2013)

This orientation program starts from 15/07/2013 to 23/07/2013(Eight Days) Continually. Totally 1020 students were participating and learnt about various library resources. The Library also offers orientations for First Year UG & PG students. A new program, "Library Boot Camp," will be held on VICAS library at 15-07-2013 to 23-07-2013 and is designed to help new undergraduates quickly learn about the key Library services and research tools.

#### \* Librarians Day Celebration (12-08-2013)

Department of Library has organized "Librarians day" celebration in commemoration of Ranganathan's 119th Birthday. As a tribute to this great personality, his birthday has been observed as librarian's day.

The Best Library User Award is given on the basis of the library resources used by a student and innovative ideas bringing to develop the library services and to promote reading habit among students and research culture among the faculty.

- 1. P.Krishnaveni, Mcom II Year
- 2. M.Sivaranjani, BSc (CS) II Year
- 3. P.Indhumathi, BSc (BT) III Year
- 4. V.Sindhu Priya, BSc (Maths) III Year

#### \* Book Fair (27-01-2014 to 29-01-2014)

VICAS Library has successfully organized the Three days book fair at Commerce Seminar Hall. All the reputed participated in this great event. All the faculty members enthusiastically visited the book fair and also recommended the relevant books for library. The students, teachers, scholars, intellectuals, librarians and all book lovers visited this great fiesta.

#### 4.3 IT Infrastructure

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

The college has a policy of allowing the use of IT infrastructure for both academic and administrative purposes. Accessing social Network and related sites are prohibited. The IT management services are carried out by System Administrators.

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

S. No.	Details	Quantity
1	Number of computers with Configuration (provide actual number with exact configuration of each available system)	891
2	Computer-student ratio	1:1
3	Stand alone facility	Servers: 2
4	LAN facility	All PCs are connected in LAN
5	Wifi facility	Yes
6	Licensed software	Microsoft Campus Suite, Photoshop, SQL
7	Number of nodes/ computers with Internet facility	891
8	AC other	Laser Printers: 27 Scanners: 09 UPS: 110 KVA + 40 KVA + 10 KVA + 15 KVA AC: 37

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

Out of the entire computing infrastructure available, more than 50% of the machines are of the latest configurations. The institution has provided adequate budget to replace the remaining in a phased manner. Regarding the software, all the PCs are equipped with the latest versions of available software.

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

Though all departments have internet facility, most of the staff members not depended with online teaching resources. If needed, they will use. But mostly they prepare their own teaching materials based on the knowledge of their students

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

The college has Twenty Five halls equipped with LCD projector. Each hall can accommodate with minimum 60 to maximum 350 students. Regular seminars/ lecture sessions are conducted in these halls. Also the library has a good collection of DVDs/ CDs which contain tutorial sessions, language videos and education videos to name a few. The students are encouraged to watch these videos at regular intervals.

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

Most of staff members prepare power point presentations for the class lectures. They prepare the PPT and give the soft copies of the notes. Every department has separate computers for official purposes and staff with internet connection. Staff member mostly use the department computers for the PPT preparations.

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

In every department the computer incharge staff will handle maintenance registers and other registers regarding the computer and their accessories. Their major duty is to keep the records and found any problem, they have to inform the maintenance to the office through Head of the departments, and register the complaints in maintenance complaints registers. And they have to do the follow up for the same. Mostly the computer in-charge staff members are qualified staff in computer knowledge

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

NO, the college does not avail the National Knowledge Network connectivity.

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

i) ICT

ii) Campus Infrastructure and facilities

Nil

Rs.1,59,495/
iv) Others (Servicing)

Rs.1,14,060/
Rs. 12,79,430/-

At the beginning of the academic year, there will be convened a meeting regarding the annual budget that includes, lab requirements. Every year, the report will be got from the lab incharge regarding the deployment and maintenance of the computers in the department. All reports will be consolidated by the principal and the budget allocation will be made. The user strength and need will be taken a vital role in the allocating the systems to the department, because the strength and need may vary from year to year.

#### 4.4 Maintenance of Campus Facilities

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

Every department takes care of every floor. In-charges from departments register the repairing works to the Head of department, through the principal knowledge, it is informed to the maintained office to get repaired. In students representative meeting also the maintenance works will be recorded. Both of them actively arrange to monitor the buildings, classrooms. laboratories and rest rooms. Department wise efforts are being taken on a weekly basis to maintain the physical ambience of the college. Periodical checking of all water points, electrical points and other students' amenities are taken care of.

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

- ➤ Important laboratory instruments are signed with the respective service centre for the maintenance and upkeep.
- ➤ Computer, air conditioners, UPS, generator, water purifiers, other laboratory instruments are maintained by staff appointed for instrument maintenance,
- Fire extinguishers are installed in all the laboratories, administrative areas, library and hostels.
- > Campus is cleaned by appointed staffs at various levels.

#### CRITERION V: STUDENT SUPPORT AND PROGRESSION

#### 5.1 Student Mentoring and Support

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

Yes, our college has an independent system for student support and mentoring.

#### \* Mentoring

The staff students ratio is 1:20 and hence individual care is provided by mentors to all the students.

We motivate out going students very well and they are encouraged to go for higher studies like PG, Journalism & B.Ed. They get employment in various establishments.

Our college gives counselling and yoga practice for improving their physical and mental health. Our college offers "Values for Life" education in the first year.

#### \* Student Support

We conduct mathematics classes for non-maths students (who did not study the mathematics subject at +2 levels). Our college gives extra coaching classes for slow learners (Remedial Class). Our college provides insurance coverage for all the students. Our college gives awareness programme about extra curricular activities, academic values, family values, attitudes, etc.

Our college gives the opportunity to study for a dual degree. The tutor-ward, learner-centric facilities that facilitate individual care and attention counselling, additional coaching, improvement of study skills and close monitoring of academic

progression are some of the best practices in academic / personal support system.

The periodical, department-wise, parent-teacher meetings contribute to the academic decisions, placement strategies (as to which courses and preparations needed to be prioritized) and pedagogic changes (to suit slow or advanced learners).

The Lab-to-Land skill transfer is facilitated by departments (Microbiology, Biotechnology, Electronics Communication and Business Administration) in which many faculty members and students are actively involved. It is a good practice in both community orientation and learner entrepreneurial development. The explicit and hidden values of such an academic-community interface-support are invaluable.

The availability of free sports hostels, expert coaching and state-of-the art infrastructure and equipment (multi-gym, track and fields) is an invaluable infrastructural support that has created one of the incomparable best practices in a rural college in the economically poor neighbourhood that is not women-friendly. This relevant practice has helped to stretch the potential of the sports persons, especially women, to earn laurels (winning Gold, Silver and Bronze) in inter-collegiate, state, national and international events.

Another good practice of the management is to offer up to 100% fee concessions to the students who passes talent examination conducted by the college.

The opportunity created for all students of the college to browse the internet every day (between 4.30 p.m. and 6.30 p.m.)

There are many more good practices such as transport support offered by an efficient transport system, institutionalized service-learning support through NSS, YRC, RRC, Junior Jaycees, Nature Club, etc. and decentralized administrative arrangements through the respective committees.

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

Our college faculty members have been encouraging the students to participate in various academic competitions at State level, National level and in other institutions.

- Project Guidance
- Industrial visits
- Maintain the profile of the students
- > Remedial coaching for slow learners
- > Coaching classes for fast learners
- > Paper Presentation
- > Intercollegiate competition
- > Seminars and Guest Lectures.

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

There are two counselling cells:

- i. Career counselling cell
- ii. Education counselling cell: Apart from these if the class in charge finds any problem with the students, he conveys meeting for the counseling according to the range of the problem. One one meeting, meeting with parents and open talk.
- 5.1.4 Does the College publish its updated prospectus and handbook annually? If yes, what are the activities /

#### information included / provided to students through these documents? Is there a provision for online access?

Yes, Our institution publishes revised and updated prospectus every academic year, at the time of new admission. It provides necessary information about programme structure, different programmes offered, facilities available in the institution, admission process, and seats available for SC/ST / OBC/PH and other weaker sections of society as per the university regulations. Through this document we intend to convey the required information to the public, ensure social commitment and transparency in the activities of our institution.

Besides the above mentioned documents, academic calendar also provides information about the annual working pattern of the college. Through this document the students can avail information about rules and regulations prevailing in the institution, various courses offered, academic working days, arrangement for co-curricular and extracurricular activities, library rules, and format for applying for various certificates.

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

Scholarships	2009-10	2010-11	2011-12	2012-13	2013-14
Total no. of	292	308	305	408	163
Students					
Total Rs.	1197000	4610500	2167000	4397996	1757042.5

5.1.6 What percentage of students receives financial assistance from state government, central government and other

#### national agencies?

	2009-10	2010-11	2011-12	2012-13
Total no. of	493	514	653	740
Students				
Percentage	7.21	6.41	8.30	9.51
Total Rs.	1690369	1874355	3541484	3073290

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

Since we have only one International student, there is no need to have students cell. Our students' mentor takes special care towards her.

#### 5.1.8 What types of support services are available for

#### \* Overseas students

We have only one overseas students in the campus at present.

#### \* Physically challenged / differently abled students

- Provides financial assistance to physically challenged students through scholarships.
- Scribe facility made available during university public examinations.

#### \* SC/ST, OBC and economically weaker sections

- Central and State Government scholarships and freeships are provided to SC/ST and OBC students.
- Various merit Scholarships are given to Economically Backward Students
- \* Students to participate in various competitions/ conferences in
- \* India and abroad

Our institution conducts coaching classes for various events which enable the students to participate in the competitive events conducted at university and inter university level. In all academic working days coaching classes are conducted for archery, volley ball, cricket, judo, table tennis, football, power lifting, weightlifting, body building, wrestling etc on the basis of pre-determined schedule. The institution is furnished with the basic infrastructure and acts as an integral part of personality moulding.

Students are assisted to participate in the cultural competitions both at university and state level. A staff coordinator has been appointed to monitor the participation of students in various cultural and fine arts competitions. Required funding is provided by the college PTA and students associations.

Centre for Job Oriented Studies and Training (C-JOST- UGC Funded) provides coaching classes for SC/ST/OBC /Economically Backward students for various competitive exams including PSC, Bank clerical examinations, UPSC, SSC etc. Several participants are benefited by this programme. Career Guidance and Placement Cell and Equal Opportunity Cell also conduct programmes which enable the students to appear for competitive examinations.

#### \* Health centre, health insurance etc.

A well equipped Health and Fitness Centre is functioning in the college. Physical Education Department ensures basic health facilities. Other than this, various health awareness programmes are conducted by NSS, NCC and Health Club units. Staff and students are provided with rest rooms with first aid facilities. The campus is provided with RO filtered water and good sanitary facilities are available. Insurance is provided to all

members of the college. The management runs multispeciality hospital in the opposite campus with research facility where students and staffs are provided with health concessions. Ambulance and taxi services are available in the campus.

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

Department of English ensures the development communication skills in English among the students. This department has a well structured curriculum to intensify the communicative skills among the students of various departments. A well furnished Digital Language Lab is functioning in the department and students make use of this facility to improve their communication skills.

Separate courses are designed in all the departments to develop computer awareness among students. Recently an ICT awareness workshop was organized by Equal Opportunity Centre as a part of Women Empowerment Program. This cell also facilitates student participation in skill development programmes and soft skill development activities held at various institutions.

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

Each department of our institution takes initiative for providing additional coaching classes for slow learners. These are conducted by the departments concerned after regular scheduled working hours. Scholar Support Programme and Additional Skill Acquisition Programme are also conducted to empower learners.

\* Exposures of students to other institution of higher learning/ corporate/business house etc. Students from our institution are given opportunity to attend and participate in the programmes conducted by other higher education institutions. Students are encouraged to visit higher education institutions and the faculty members also accompany them in such programmes.

#### \* Publication of student magazines

In each academic year the college union publishes a student magazine. The editorial board includes staff editor, student editor, staff and student representatives. This annual publication provides opportunity to the students to express their creativity and ideas. Besides, every department publishes a manuscript magazine every year under the auspices of the department associations.

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

For PG students special classes are conducted for competitive exams such as UGC-CSIR- NET, UGC-NET, SLET, ATE / CAT / GRE / TOFEL / GMAT / Central /State services, Defense, Civil Services, etc.

TET-20, TRB-13, TNPSC-78, NET-2

5.1.10 Mention the policies of the College for enhancing student participation in sports and extracurricular activities through strategies such as Special dietary requirements, sports uniform and materials

Sports & Games: Department of Physical Education is a centre for moulding intellectually enriched, emotionally balanced and physically strong women. Department has its own infrastructure such as playground with football field, volley ball court, power lifting and weight lifting sets, fitness centre, gymnasium, wrestling mats, archery equipments etc. By utilizing these facilities students ensure participation at district, university and state level competitions. The college hosts an active sports clubArts & Cultural activities: A well organized arts club is functioning in the college that enriches creativity among the students.

Various cultural activities such as Fine arts Festival and College Day Celebrations and programmes under different departmental associations are organized by the democratically elected college union to ignite the talents among the students. We have a well functioning arts club and dance club.

#### \* Additional academic support, flexibility in examinations

Debate, Quiz, Discussion: In association with different outside agencies and organizations, debates and open forums are conducted by the departments, NSS unit and Equal Opportunity Centre. These programmes facilitate students to express their views and ideas. Quiz competitions are conducted by the departments concerned, NSS unit and other outside organizations as well at regular intervals. The academic seminars and workshops also offer a platform for debates and discussions.

Additional academic support, flexibility in examinations Examination oriented special programmes like discussions, special classes, counselling classes and model examinations are conducted in the college. Special projects like 'Walk with a Scholar', 'Scholar Support Programme', 'Additional Skill Acquisition Programme' are in the process of implementation.

## 5.1.11 Does the College have an institutionalized mechanism for placement of its students? What services are provided to

#### help students identify job opportunities, prepare themselves for interview, and develop entrepreneurship skills?

The college hosts an Entrepreneurial Club under the guidance of the Department of Commerce which promotes entrepreneurial skills among the students. Students are given opportunity to develop skills related to different careers and self employments such as photography, videography, visual documentation, scripting, editing and event management. In addition, EDP workshop is organized every year for the UG & PG commerce and BBA students.

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

Name of the employers	2009-10	2010-11	2011-12	2012-13	2013-14
Sharp info solutions	8	7	-	-	8
Slash support	6	13	-	-	6
HDFC	28	-	-	20	28
Bytes to knowledge	82	109	38	8	82
HCL	-	1	30	-	-
Amazon	-	-	-	-	1
Optima ICS	-	-	-	-	3
IDBI Federal	-	-	-	-	13
I gate	-	-	-	-	5
ISSM	-	-	-	-	24
India Infoline	-	-	-	-	11
CTS	-	-	-	-	34
Dicom Language MA	-	-	-	-	3
People Pro	-	-	-	-	8
Triumph	-	-	-	-	5
Wipro	-	-	50	4	-
DELL	-	-	30	-	-
CSS Corp	-	-	3	-	-
TCS	-	-	39	65	52
Name of the employers	2009-10	2010-11	2011-12	2012-13	2013-14
Cameo	-	-	5	-	-

### VIVEKANANDHA COLLEGE OF ARTS AND SCIENCES FOR WOMEN (AUTONOMOUS) SELF STUDY REPORT

Adhtya group	-	-	48	-	-
Blue lotus	-	-	4	4	5
Idhayam group	-	-	6	-	-
Sundaram Finance	-	-	1	-	-
Igenesis	-	-	2	-	-
William lea	-	-	-	13	-
ICICI	-	-	-	23	-
Kochar infotech	-	-	-	6	-
Reliance	-	-	-	12	-
Vee technologies	-	-	-	1	-
Indusan bank	-	-	-	3	-
Eurekha frobes	-	-	-	4	-
TNQ books and Journals	-	-	-	6	6
Medox	-	-	5	1	-
VWR technologies	-	-	-	1	-
Total	124	130	261	171	294

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

The college has registered Alumni Association. It actively engages in the developmental projects of the college and periodically makes contributions to the college in the form of sponsoring academic seminars and other supports. The alumni actively support our efforts for raising funds for the developmental projects of the college. Representatives of the alumni are invited for the programmes conducted in the college.

The following activities are involved with alumni association

- Alumni are a member of each BoS.
- Alumni meeting is convened every year
- Alumni who are employed in corporate sectors come forward to conduct campus interviews and offer career opportunities for the present eligible students.
- Our alumnus also sponsors the needy students by

- paying the semester fee or the examination fee.
- Alumni contribute their part in career counselling cell and higher education counselling committee

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

#### 2012-13

- A committee has been formed with principal as a Head and all the HOD's of the department as members to look in to the grievances of the students.
- Transparency in evaluation is maintained by the COE section in re-totaling and revaluation.
- Class representative meetings are conducted to redress the complaints and suggestions.

#### 2011-12

- A common grievance and redressed cell has been instituted to look into the complaints of the students and this is headed by the Principal and the Heads of all the departments. In this connection, Periodical meetings with students and staffs are being conducted with suitable and remedial measures.
- Suggestion Box is kept block wise inside the campus.
- The Committee members reviewed the complaints and steps have been taken to rectify them

#### 2009-10

- A committee has been formed by the Principal as a Head and all the HOD's of the department as members to look into the grievances of the students.
- Transparency in evaluation is maintained by the COE section in re-totaling and revaluation.
- Suggestion box is kept block wise inside the campus.

• The committee members reviewed the complaints and steps have been taken to rectify them.

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

To prevent the sexual harassment of the students and to ensure their safety and security, the College has a grievance redressal cell and a discipline committee which meet regularly to look into the grievances.

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

The College has established an Anti Ragging Committee as per Department of Higher Education/ Supreme Court directives. Ragging is strictly prohibited in the campus. So far, no incident of ragging was reported in the campus.

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

The institution solicits stakeholder perception through obtaining regular feed back by the Chairman, Principal and HOD whenever they come in contact with different stake holders on casual basis. Unstructured feed back through students feed back box which is operated only by the Chairman and Structured feed back mechanism through parents meeting once in semester, Alumni meeting once in a year, students' feedback are used to solicit the stakeholders. A suggestion by the academic experts visit at different occasion is also use for similar task.

#### **5.2 Student Progression**

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

#### **Pass Percentage**

	2009-10		20	2010-11		2011-12			2012-13			
Programmes	UG	PG	M. Phil.	UG	PG	M. Phil.	UG	PG	M. Phil.	UG	PG	M. Phil.
Tamil	100	100	100	100	100	100	100	100	100	100	100	100
English	72	97	NA	68	96	NA	76	96.5	NA	75	98	Nil
Mathematics	93.1	67.6	NA	92.6	51.6	NA	87	36.8	NA	87.5	89.3	Nil
Physics	85	90	100	89	95	100	90	97	91	83	90	85
Chemistry	45	50	60	69	57.1	50	52.5	69.4	33.33	50.8	100	100
Botany	100	96	100	78	96	100	93	80	100	78	96	100
Zoology	70	100	100	85	100	100	75	100	100	92	100	100
Bio chemistry	NA	96	100	100	88.2	NA	NA	100	NA	NA	NA	Nil
Bio technology	96.2	70.5	100	81.5	93.1	100	87.23	97.8	100	92	96.5	83
Micro biology	89.39	98.86	100	77.35	93.4	100	79.48	87.75	100	96.96	100	100
Computer Science	50.73	82.41	NA	51	90.7	NA	56	78	NA	62	82	100
Computer Technology	99	88.88	NA	98	92	NA	96	90	NA	95	94	Nil
Commerce	85	79.5	100	85.5	78	100	90	91	96	73	73	96

#### **Gold Medalists**

Students Achievements	2009-10	2010-11	2011-12	2012-13
Gold medals	17	5	9	8
Ranks	9	73	34	52

### VIVEKANANDHA COLLEGE OF ARTS AND SCIENCES FOR WOMEN (AUTONOMOUS) SELF STUDY REPORT

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

Student progression (in %)	2009-10	2010-11	2011-12	2012-13
UG to PG	44.39	37.72	3.65	37.46
PG to M.Phil.	37.72	37.69	34.71	37.76
PG to Ph.D.	3.65	6.98	3.475	6.86
Employed				
Campus selection	27.19	23.16	20.58	23.34
Other than campus recruitment	28.27	37.24	36.45	23.6

# 5.2.3 What is the Programme-wise completion rate/dropout rate within the time span as stipulated by the College/University?

Departments	UG	PG
Tamil	4	1
English	-	-
English	1	1
Mathematics	9	11
Physics	3	3
Chemistry	3	3
Botany	3	1
Zoology	5	3
Biochemistry	5	0
Biotechnology	3	1
Microbiology	3.5	5
B. Com	2	2
B. Com(CA)	3	
B. B. A	2	1
B. B. A (CA)	3	-
Computer Science	4	3
Information Technology	1	2
Computer Technology	3	_
BCA Computer Applications	5	1

5.2.4 What is the number and percentage of students who appeared/ qualified in examinations like UGC-CSIR-NET, UGC-NET, SLET, ATE / CAT / GRE / TOFEL / GMAT / Central / State services, Defense, Civil Services, etc.

TET-20, TRB-13, TNPSC-78, NET-2

5.2.5 Provide details regarding the number of Ph.D/D.Sc./D.Litt. theses submitted, accepted, resubmitted and rejected in the last four years.

#### NIL

#### **5.3 Student Participation and Activities**

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

Periyar University Inter-Collegiate: 2009-2010

S.No	Game	Date & Venue	Position
1.	Chess	09.08.2009 to 12.08.2009 ,Sengunthar college ,T.Gode.	-
2.	Kho-Kho	24.09.2009 to 25.09.2009, King college Namakkal.	-
3.	Volley Ball	06.09.2009 to 23.09.2009,Sri Saradha college,salem.	II place
4.	Power & Weight lifting	Sengunthar college ,T.Gode,06.09.2009 to08.09.2009.	3 Gold 1 Silver
5.	Badminton	04.08.2009, KK College, vellore.	-
6.	Hand Ball	27.08.2009 to 28.08.2009,A.E.T College Attur.	II place
7.	Basket Ball	25.08.2009 to 26.08.2009, Vysya college salem.	-
8.	Athletics	21.to 23.10.2009,MGR college,Hosur.	5km walk II &III place
9.	Hockey	13.10.2009 to 23.10.2009, Vivekan and the college of arts and sciences for women, T.Gode.	II place
10.	Kabaddi	14.09.2009 to 15.09.2009,Badmavani college,salem.	III place
11.	Foot Ball	07.09.2009 to 08.09.2009, Periyar university Salem	-

CRITERION V: STUDENT SUPPORT AND PROGRESSION

#### **SOUTH WEST ZONE INTER UNIVERSITY 2009-10**

S.No	Name	Course	Game	Venue	Date
1.	M.Sathya	II M.ScCS	Hand ball	Acharya Nagarjuna University	3.1.2010 to
1.	V.Aarthi	II BCA	Hand ban	Guntur AP	7.1.2010
2.	N.Malini Devi	III BSc CS	Basket	Mahatma Ganthi	1.12.2010 to
۷٠	P.Logambal	III B.Com CA	Ball	University,Kottayam kerla	15.12.2010
3.	P.Kalpana P.Mohana Priya	IIB.ComCA II BA Eng	Foot Ball	Pondicherry University	
4.	S.Logeswari	II BCA	Power	Guru Nanak Dev	18.1.2010 to
4.	K.Kodeeswari	II BSc TFD	Lifting	University,Amrister Panjap	20.1.2010
5.	S.Suganthi	I BSc Che	Kabaddi	University of	17.11.2010 to
5.	k.Sasikala	III BBA CA		Mumbai,Maharastra	21.11.2010
6.	V.Sivagamy		Ball Badmiton	Periyar Unversity,TamilNadu	09.01.2010 to 13.01.2010
7.	G.Prabaathi R.Mohana priya P.Kalpana V.Vinothini Ambili Thomas	II B.Com CA II BA Eng II B.Com CA II BA Eng I BCA	Hokey	Jiwaji University ,Gwalior Madhya Pradesh	07.01.2010 to 15.01.2010

#### **OPEN TOURNAMENTS 2009-2010**

S.No	Level of Game	Game	Data & Venue	Position
1.	State	Hockey	10.07.2009 State Level Winning XI Hockey Tournament at Chennai	-
2.	District	Badmiton	11.07.2009Namakkal	III Place
3.	District	Volly Ball	22.07.2009,DSO Ground Namakkal	I Place
4.	District	Kabaddi	22.07.2009,DSO Ground Namakkal	II Place
5.	State	Hockey	22.07.2009 State Level Winning XI Hockey Tournament at	-
6.	State	Volly Ball	22.07.2009 Tiruchengode	-
7.	District	Volly Ball	10.08.2009,DSO Ground Namakkal	I Place
8.	State	Hockey	25.08.2009 to 27.08.2009 Arual Annada College Madurai	-
9.	State	Volly Ball	26.08.2009 to 30.08.2009 M.Kumarasamy College,karur	-
10.	District	Volly Ball	08.10.2009 DSO Ground Namakkal	I Palace
11.	State	Hand Ball	08.10.2009 Salem	-
12.	State	Kabaddi	25.09.2009 Aval Poondduri,Erode	III Place

CRITERION V: STUDENT SUPPORT AND PROGRESSION

#### PERIYAR UNIVERSITY INTER-COLLEGIATE: 2010-2011

S.No.	Game	Date & venue	Position
1.	Chess	Subbramaniam College	I Place
		16.08.2010,17.08.2010	
2.	Kho-Kho	Paavai College, Rasipuram, 19,20.08.2010	-
3.	Cross Country	KSR College T.Gode, 26.08.2010	-
4.	Table Tennis	KSR College T.Gode, 26.08.2010	
5.	Volley Ball	Sri Saradha College, Salem, 02,03.09.2010	II Place
6.	Power & Weight	Sengunthar College T.Gode	3 Gold
	Lifting	06.09.2010 to 08.09.2010	1 Silver
7.	Badminton	KK College Vellur	III Place
		13,14.09.2010	
8.	Handball	VICAS T.Gode	II Place
		30.10.2010 to 02.11.2010	
9.	Basket ball	JKK Nataraja College Kumarapalayam	-
		04,05.10.2010	
10.	Athletics	MGR College Hosur	-
		06.10.2010 to 08.10.2010	
11.	Hockey	Padmavani College Salem	II Place
		11,12.10.2010	
12.	Kabaddi	King College Namakkal	III Place
		18,19.10.2010	
13.	Foot Ball	Periyar University Salem	III Place
		20,21.10.2010	
14.	Ball Badminton	Sri Vidya Mandir Arts and Science	-
		Uthangarai, 03,04.01.2011	

#### **OPEN TOURNAMENTS 2010-2011**

S.No	Level of Game	Game	Data & Venue	Position
1.	State	Kabaddi	Konganapuram	I Place
			10,11.07.2010	
2.	District	Chess	Vidhya Bharathi School, Rasipuram 08.07.2010	-
3.	District	Kabaddi	KSR College, 31.07.2010	I Place
4.	District	Volley Ball	KSR College, 31.07.2010	I Place
5	State	Kabaddi	Akkamappetti 02,03.08.2010	I Place
6.	District	Kabaddi	Periyar Thidal, Gobi 07,08.08.2010	II Place
7.	State	Volley Ball	SKP,Tournament T.Gode 06,07.08.2010	-
8.	State	Volley Ball	Nehru Stadium, Chennai 10 to 12.08.2010	-
9.	State	Kabaddi	Nehru Stadium, Chennai 10 to 12.08.2010	II Place
10.	District	Kabaddi	Ammapetti, Bhavani,14,15.08.2010	II Place
11.	District	Badminton	Namakkal, 15.08.2010	II Place
12.	State	Hockey	Radhakrishnan Stadium, Chennai 25 to 29.08.2010	III Place
13.	Practice	Handball	Balamurugan College, Mecherry 23,25.10.2010 to 27.10.2010	-
14.	State	Kabaddi	Komarapalayam, 02,03.10.2010	III Place
15.	Anna UI – Zone	Cricket	MPNMJ College, Chennaimalai, 04,05.10.2010	II Place
16.	State	Kabaddi	Malayampalayam, Tirupur 30.10.2010	IV Place
17.	State	Kabaddi	Vennandur, 13.11.2010	I Place
18.	District	Kabaddi	SDAT, Selvam College, Namakkal 14.11.2010	I Place
19.	State	Kabaddi	Junior State Kabaddi, Rajapalayam 19 to 21.11.2010	III Place
20.	State	Kabaddi	Modekkurichi, 03,04.01.2011	I Place
21.	State	Kabaddi	Namagiripettai, 11,12.12.2010	III Place
22.	State	Kabaddi	Bavani, 01,02.01.2011	III Place
23.	National	Power Lifting	Kerala, 03 to 06.01.2011	I Place
24.	National	Kabaddi	Chithalanthur, 14 to 17.01.2011	-
25.	State	Kabaddi	Annuperpalayam, Sathiyamangalam 16.01.2011	II Place
25.	National	Power Lifting	Salem, 20 to 23.01.2011	I Place
26.	State	Kabaddi	Malappalayam, Erode, 26.01.2011 to 27.01.2011	III Place
27.	State	Hockey	SDAT, Dindigul 28.01.2011 to 30.01.2011	I Place
28.	National	Hockey Kabaddi Volley Ball	PSN Trophy Tirunelvelli 02.02.2011 to 04.02.2011	I Place III Place
29.	National	Kabaddi	Sankari, 17.02.2011 to 20.02.2011	III Place
30.	State	Kabaddi	Attiyampatti, Salem, 28.02.2011	II Place
31.	State	Kabaddi	Mulanur, Erode, 02.03.2011 to 03.03.2011	III Place



#### **ALL INDIA INTER UNIVERSITY 2010-2011**

S.No	Name	Course	Game	Venue	Date
1	Gayathri	III BBA	Badminton	NTR University,	25.10.2010 to
			200111110011	Vijayavada,MP	31.10.2010
2.	M.Kalaiselvi	II M.Sc(Maths)	Volley Ball	LNUPE University Guwaliyar,MP	11.11.2010 to 15.11.2010
				LNUPE University	11.11.2010 to
3.	R.Jansirani	II BCA	Volley Ball	Guwaliyar,MP	15.11.2010
4.	T.Mohanapriy	II MCA	Wolley Doll	LNUPE University	11.11.2010 to
4.	a	II MCA	Volley Ball	Guwaliyar,MP	15.11.2010
5.	S.Logeswari	III BCA	Power	Kannur University,	10.11.2010 to
			Lifting	Kerala	12.11.2010
6.	K.Kodeeswerri	III B.Sc(TFD)	Power Lifting	Kannur University, Kerala	10.11.2010 to 12.11.2010
_	1.			Sathyabama	25.11.2010 to
7.	G.Karthigaa	II M.Sc(ZOO)	Chess	University, Chennai	01.12.2010
8.	P.Kalpana	III B.Com(CA)	Hockey	Devi Ahilya University	15.12.2010 to
0.	1 .Naipana	, ,	Hockey	Indoor MP	21.12.2010
9.	V.Vinodhini	III	Hockey	Devi Ahilya University	15.12.2010 to
	Ambili	BA(English)		Indoor MP Devi Ahilya University	21.12.2010
10.	Thomas	II BCA	Hockey	Indoor MP	15.12.2010 to 21.12.2010
1.1	R.Mohanapriy	III	TT 1	Devi Ahilya University	15.12.2010 to
11.	a	BA(English)	Hockey	Indoor MP	21.12.2010
12.	G.Prabavathi	III B.Com(CA)	Hockey	Devi Ahilya University	15.12.2010 to
12.	G.I Tabavatiii	III B. Colli(Cr.)	Hockey	Indoor MP	21.12.2010
13.	T.Abinaya	I M.Com	Hockey	Devi Ahilya University Indoor MP	15.12.2010 to 21.12.2010
				Devi Ahilya University	15.12.2010 to
14.	P.Elavarasi	II B.Com	Hockey	Indoor MP	21.12.2010
15.	P.Kalaiselvi	III B.Com	Hockey	Devi Ahilya University	15.12.2010 to
13.	F.Kalaiseivi	III B.Com	Поскеу	Indoor MP	21.12.2010
16.	M.Karthiga	III B.Com	Foot Ball	Jiwaji University,	20.12.2010 to
				Guwaliyar, MP Swami Ramanand	Till Match
				Teerth Marathwada	13.01.2011 to
17.	V.Aarthi	III BCA	Hand Ball	University,	25.01.2011
				Maharashtra	
				Swami Ramanand	
18.	C.Revathi	III BCA	Hand Ball	Teerth Marathwada	13.01.2011 to 25.01.2011
				University, Maharashtra	20.01.2011
				Swami Ramanand	
19.	D Ni+hrro	I D Com(CA)	Hand Ball	Teerth Marathwada	13.01.2011 to
19.	R.Nithya	I B.Com(CA)	nand Dail	University,	25.01.2011
				Maharashtra	
20.	T.Abirami	II MA(Eng)	Kabaddi	Vikram University, Ujjiani,MP	25.01.2011 to 13.02.2011
_				Vikram University,	25.01.2011 to
21.	K.Suganya	I B.Com	Kabaddi	Ujjiani,MP	13.02.2011
		II		Vikram University,	05 01 0011 4
22.	S.Suganthi	B.Sc(Chemist Kabaddi		Ujjiani,MP	25.01.2011 to 13.02.2011
		ry)			
23.	A.Sasikala	I MBA	Kabaddi	Vikram University, Ujjiani,MP	25.01.2011 to 13.02.2011
				Ojjianii,ivii	10,02,2011

#### **ALL INDIA INTER UNIVERSITY MEDALIST 2010-2011**

S.No	Name	Course	Game	Venue	Date	Position
			Power	Kannur	10.11.2011	All India Inter
1.	S.Logeswari	II MCA	Lifting	University	to	University,
			Litting	kerala	12.11.2011	Gold Medal

2011-12

S.No	Date	Game	Inter Collegiate Date & Time	Position
1.	09.08.2011 to 11.08.2011	Chess & Cross Country	Sri Vidhya Mandhir Arts & Science College	II place
2.	22.08.2011	Badminton & Kabbadi (open match)	Sri Vijaya Vidhyala Arts & sciences, Dharmapuri &Local Kabbadi Tournament	IV place
3.	29.08.2011 & 30.08.2011	Kho Kho	Kings Arts & Sciences College, Namakkal	-
4.	07.09.2011	Power Lifting & Weight Lifting	Muthayammal Arts & Science, Rasipuram	I & III Place
5.	08.09.2011 & 09.09.2011	Hockey	Periyar University, Salem	III Place
6.	12.09.2011 & 03.09.2011	Kabbadi	Sri Vidhya Mandhir College, Uthangarai	II place
7.	19.09.2011 & 20.09.2011	Volleyball	Pathmavani Arts & Science College, Salem	-
8.	23.09.2011 & 24.09.2011	Football	Periyar University, Salem	-
9.	26.09.2011 & 27.09.2011	Handball	Sakthikailas Women College, Salem	-
10.	10.10.2011 & 12.10.2011 to 14.10.2011	Basketball & Athletics	Paavai Arts & Sciences College, Rasipuram MGR College, Hosur	-
11.	12.12.2011 & 13.12.2011	Ball Badminton	Subramaniyam Arts & Science College Mohanur	-

### VIVEKANANDHA COLLEGE OF ARTS AND SCIENCES FOR WOMEN (AUTONOMOUS) SELF STUDY REPORT

S.no	Name	Course	Game	Date	Venue	Position
1.	T.Abirami K.Kayathri E.Vanitha	II MA Eng IIBScMaths III BA Eng	Kabadi	25.09.2011 to 29.09.2011	University of Madras, Chennai	I Place
2.	V.Abinaya Ambli Thomas	II M.Com III BCA	Hockey	5.10.2011 to 10.10.2011	Periyar University, Salem	III Place
3.	S.Saranya	III BSc cs	Ball Bad Minton	22.12.2011 to 25.12.2011	Mangalor University, Salem	-
4.	S.Saranya	III BSc cs	Bad Minton	05.01.2012 to 08.01.2011	VIT University, Vellore	-
5.	P.Ponman	I Bcom CA	Football	1.02.2012 to 12.02.2012	Annamalai university, Chidambaram	III Place
6.	J.Kartheega	M.Phill Zoo	Chess	08.02.2012 to 18.02.2012	VIT University, Vellore	-

S.No	Name	Course	Game	Date	Venue	Position
1.	T.Abirami K.Kayathri E.Vanitha	II MA Eng IIBScMaths III BA Eng	Kabadi	12.10.2011 to 15.10.2011	Kurukshetra University, Harityana	III place
2.	S.Logeshwari	III MCA	Powerlifting	24.01.2012 To 26.10.2012	Punjab	III place
3.	V.Abinaya Ambli Thomas	II M.Com III BCA	Hockey	27.02.2012		-
4.	P.Ponman	I Bcom CA	Football	1.02.2012 to 12.02.2012	Annamalai university, Chidambaram	III Place

S.No	Name	Course	Level of game	Game	Date	Date & Venue	Position
1.	S.Logeshwari	III MCA	National	Power Lifting	22.08.2011 to 27.08.2011	Bhilai	Squat II Place
2.	S.Logeshwari	III MCA	International	Power Lifting	5.09.2011 to 9.09.2011	Kobe city, japan	III place (Bronze edals)
3.	S.Logeshwari	III MCA	State	Power Lifting	17.12.2011 to 18.12.2011	Chennai	I Place & Strong women award
4.	S.Logeshwari	III MCA	National	Power Lifiting	1.02.2012 to 5.02.2010	Lucknow (U.P)	II Place
5.	S.Logeshwari	III MCA	National Federation cup	Power lifting	28.03.2012 to 05.04.2012	Rait (H.P)	II Place
6.	S.Logeshwari	III MCA	Asian Junior	Power Lifting	01.05.2012 to 07.05.2012	Udaipur ( Rajesthan)	Gold Medals

2012-13

S.No	Level of game	Game	Date	Date & Venue	Position
1.	State	Kabadi	25.07.2011 & 26.07.2011	Komarapalayam	III Place
2.	State	Kabadi	2.07.2011 & 3.07.2011	Sangagiri	I Place
3.	State	Kabadi	16.07.2011 & 17.07.2011	Perunthaliyur	II Place
4.	District	Kabadi	21.08.2011	Erayamangalam	I place
5.	District	Yoga	12.01.2012	Surabi polytechnic college, namakkal	I ,II & III Place, Over all championship
6.	State	Kabadi	17.01.2010	Dhusure	III place
7.	State	Kabadi	28.01.2012 to 29.01.2012	Kanchikovil	III place
8.	National	Kabadi	3.02.2012 to 5.02.2012	4 <sup>th</sup> PSN Trophy at Tirunelveli	I Place
9.	State	Kabadi	7.02.2012 & 8.02.2012	KPL Erode	I Place
10.	State	Kabadi	9.02.2012	Valivaikkal, salem	III Place
11.	State	Kabadi	11.02.2012 &12.02.2012	Kuttipalayam, Erode	I Place
12.	State	Kabadi	24.02.2012 &26.02.2012	Maduravayal, Chennai	III Place
13.	State	Kabadi	03.03.2012 & 04.03.2012	Ganapathipalayam	III place
14.	State	Kabadi	17.03.2012 & 18.03.2012	Tharamangalam	III Place

#### PERIYAR UNIVERSITY INTER COLLEGIATE TOURNAMENT 2012-2013

s.no	DATE	GAME INTER COLLEGIATE DATE & VENUE		POSITION
1.	06.08.12	Table Tennis & Cross Country	Periyar university, Salem	-
2.	08.08.12 & 09.08.12	Chess	Government Arts & Science College	II place
3.	20.08.12	Badminton	KSR College of Arts and Sciences, Tiruchengode	II place
4.	27.08.12	Kho Kho	SSM College of Arts & Science college , kumarapalayam	-
5.	30.08.12	Power Lifting	Kandaswami kinder,s college, Vellur	I Place
6.	04.08.12	Hockey Periyar university		IV Place
7.	06.09.12 & 07.09.12	Kabadi	Padmavani Arts & sciences college, salem	I Place
8.	04.10.12	Basket Ball	Trinity Arts & Sciences College	-

#### PERIYAR UNIVERSITY INTER UNIVERSITY TOURNAMENT 2012-2013

S.No	Name	Course	Date	Game	Date & Venue	Position
1.	G.Jayasree	I BA Eng	08.01.13 To 12.01.13	Badminton	JNT University, Kakinada (AP)	Participation
2.	T.Abirami K.Suguna D.Priyanka	M.Phil Eng III	09.01.13 To	Kabadi	Manonmaniya m University, Tirunelveli	Participation
	M.Pradeepa B.Com	13.01.13				
3.	S.Logeswari	M.Phil	To 28.02.13	Power Lifting	Udaipour, Rajasthan	Participation

#### **OPEN TOURNAMENT 2012-2013**

S.No	Level of Game	Game	Date	Venue	Position
1.	State	Kabadi	04.08.12 to 05.08.12	Mettur	III Place
2.	State	Kabadi	11.08.12 to 12.08.12	Perampalur	III Place
3.	State	Kabadi	13.10.12 to 14.10.12	Annagour	IV Place
4.	State	Kabadi	30.11.12 to 01.12.12	Modakurichi	III Place
5.	All India	Kabadi	19.01.13 & 20.01.13	Tiruchengode	III Place
6.	National	Kabadi	01.02.13 to 03.02.13	PSN Trophy, Tirunelveli	III Place
7.	State	Kabadi	07.02.13	Salem	I Place
8.	State	Kabadi	09.02.13	Mettur	I Place
9.	All India	Kabadi	24.02.13 to 25.02.13	Sivakasi	III Place
10.	Inter Collegiate	Kabadi	06.09.12 & 07.09.12	Padmavani Arts & Sciences College, Salem.	I Place

#### **OPEN TOURNAMENT -POWER LIFTING (2012 - 2013)**

S.No	Level of Game	Game	Date	Venue	Position
1	State (Senior)	Power Lifting	14.07.12 to 15.07.12	Komarapalayam	I Place Best Lifter Award
2	South India (Senior)	Power Lifting	03.01.13 to 05.01.13	Hyderabad	I Place Best Lifter Award

CRITERION V: STUDENT SUPPORT AND PROGRESSION

5.3.2 Provide details of the previous four years regarding the achievements of students in co-curricular, extracurricular activities and cultural activities at different levels:

University / State / Zonal / National / International, etc..

Name & Designation Students	Programme Details	Name & Place of the Institution from where the awards was received	Name of the Award/Prize				
2009-10							
B.Jayanthi, I M.Sc Biotechnology	Training Summer training programme at L.V.Prasad, Eye Institute, Hyderabad	Indian Academy of Science – Summer research programme offered	Fellowship				
B.Sivajini, I M.Sc Biotechnology	Baratham	Vysaya arts and science college	Participated				
SPORTS 1)M.Malar Vizhi III-B.Sc Biotechnology	Intercollegiate meet.	Vysaya arts and science college	Participated				
2)Jeny mirim kurinilla III-B.Sc Biotechnology	Intercollegiate meet.	MGR college-hosur	Participated				
	2011-	12					
N.Deepa II-B.Sc Biotechnology	Volley ball	Sri Saratha arts & science college for women-salem	II-PLACE				
S. Archaya M. Phil Biotechnology	International conference	Vivekanadha College of engineering for women	II Prize				
Vibushitha B. Sc., Biotechnology	Paper Presentation	MGR College Hosur	1 <sup>st</sup> Prize				
2012-13							
S. Archaya Ph. D Biotechnology	Paper presentation	Hindustan Arts and Science College Coimbatore	Got Second Prize				
R. Manimegalai Ph. D Biotechnology	Paper Presentation	Periyar University and SRM University	Got Best Oral Presentation				

### VIVEKANANDHA COLLEGE OF ARTS AND SCIENCES FOR WOMEN (AUTONOMOUS) SELF STUDY REPORT

		Name & Place of the		
Name & Designation Students	Programme Details	Institution from where the awards was	Name of the Award/Prize	
Students	Details	received	Award/1112c	
R. Manimegalai	Paper	SRM University,	Got Best Oral	
Ph. D Biotechnology	Presentation	Chennai	Presentation	
P. Merlin Christy	Poster	Periyar university	Best Poster	
Ph. D Biotechnology	presentation	2.12	presentation	
S. Sree Remya	Paper	SriGanesh College,	III Prize	
M. Phil Biotechnology	Presentation	Salem		
I/ Duama latha and N	2013-1		Ond::41-	
K. Premalatha and N.	Paper Presentation	M.G.R College, Hosur.	2 <sup>nd</sup> prize with Rs. 1500	
Deepa M. Sc., Biotechnology	Fiesemanon	nosui.	KS. 1300	
N. Deepa and K.	Quiz program	Selvam college of	1st Prize	
Premalatha	Quiz program	technology,	1 THZC	
M. Sc., Biotechnology		Namakkal.		
N. Deepa and K.	Exhibition	Vivekanandha	1st prize	
Premalatha		College of Arts and	1	
M. Sc., Biotechnology		Sciences for		
		Women, Namakkal		
N. Deepa and K.	Model	Vivekanandha	1st prize	
Premalatha	Presentation	College of Arts and		
M. Sc., Biotechnology		Sciences for		
G A 1	D	Women, Namakkal	1 at D	
S. Archaya	Paper Presentation	Selvam college of	1 <sup>st</sup> Prize	
Ph. D Biotechnology	Presentation	technology, Namakkal.		
S. Archaya	Painting,	Vivekanandha	1st Prize	
Ph. D Biotechnology	Salad	College of Arts and		
	preparation,	Sciences for		
C Correthei	Collage Oratorical	Women, Namakkal Vivekanandha	1st Prize	
S. Gayathri III B. Sc biotechnology	Oratorical	College of Arts and	1 <sup>st</sup> PHZe	
III B. Sc blotteelinology		Sciences for		
		Women, Namakkal		
M. Karthika	Paper	VICAS, Namakkal	1st Prize	
M. Phil Biotechnology	Presentation	, , , , , , , , , , , , , , , , , , , ,		
S. Sathya	Paper	VICAS, Namakkal	1st Prize	
M. Phil Biotechnology	Presentation			
Ms. Yamuna	Paper	VICAS, Namakkal	1 <sup>st</sup> Prize	
M. Phil Biotechnology	Presentation			

## 5.3.3 How often does the College collect feedback from students for improving the support services? How is the feedback used?

The college enhances its performance by seeking feedback from students, employers and academic peers. A specified format is used to obtain the feedback. Student representatives are met once in month to obtain the grievances and feedback about the schemes introduced in the college. The views of students are consolidated and implemented. The students are also involved in providing a feedback about the teaching staff and their teaching methodologies.

Alumni meetings are conducted in the college periodically to ascertain their views on curriculum, infrastructure facilities and suggestion for improvement and development of the college.

Employers from various industries who come for conducting campus interviews suggest changes in the syllabi which are represented to the university through the members of Board of Studies and Senate. The outcomes of the feedback are introduction of SBE and NME, Soft Skill paper, Value Education, Gender studies as a part of regular curriculum and a paper on Teaching Methodology for the M.Phil. students were introduced. An opportunity is also provided to the students to improve their CIA. To enhance the soft skill of our students classes have been conducted for the same.

# 5.3.4 Does the College have a mechanism to seek and use data and feedback from its graduates and employers, to improve the growth and development of the College

Unstructured feed back through students feed back box which is operated only by the Chairman and Structured feed back mechanism through parents meeting once in semester, Alumni meeting once in a year, students' feedback are used to solicit the stakeholders. A

### VIVEKANANDHA COLLEGE OF ARTS AND SCIENCES FOR WOMEN (AUTONOMOUS) SELF STUDY REPORT

suggestion by the academic and industrial experts visit at different occasion is also use for similar task.

5.3.5 How does the College involve and encourage students to publish materials like catalogues, wall magazines, College magazine, and other material? List the major publications/ materials brought out by the students during the previous academic session.

#### **Publication of the students**

Name of the Research scholars	Title of Publication	Source of Publication  If Journal, Name, Vol, Iss & Page Nos.  If Book, Name & Place of the Publisher	Level of Publication  National/ Inter national	ISSN / ISBN Number	Citation Index & Impact Factor(If Journal Publicatio n)
T.Punitha Ph.D scholar	Detection and antimicrobial susceptibility pattern of ESBL producing Gram Negative Bacteria	Asian journal of pharmaceutical and clinical research	IN	0974-2441	1.594
A.S.Saranya Ph.D scholar	Detection and antimicrobial susceptibility pattern of ESBL producing Gram Negative Bacteria	Asian journal of pharmaceutical and clinical research	IN	0974-2441	1.594
M.Bhuvaneshwari M.Phil scholar	Detection and antimicrobial susceptibility pattern of ESBL producing Gram Negative Bacteria	Asian journal of pharmaceutical and clinical research	IN	0974-2441	1.594
V.Sai Priyanga M.phil scholar	Multi-Drug Resistant Patterns of Biofilm forming Aeromonas hydrophila from Urine Samples.	International journal of pharmaceutical sciences and Research.	IN	0975-8232 Accepted	1.89
C.Kanimozhi M.phil scholar	Detection and antimicrobial susceptibility pattern of ESBL producing Gram Negative Bacteria	Asian journal of pharmaceutical and clinical research	IN	0974-2441	1.594
S.Thenmozhi Ph.D scholar	Prevalence of Extended Spectrum Beta-Lactamase Producing Gram Negative Bacteria in Private Hospital, Tiruchengode, Tamilnadu, India	International Journal of Current Microbiological and Applied sciences (2013) 2(5): 280-289	IN	ISSN: 2319-7706 Volume 2 Number 5 (2013)	1.594

CRITERION V: STUDENT SUPPORT AND PROGRESSION

### VIVEKANANDHA COLLEGE OF ARTS AND SCIENCES FOR WOMEN (AUTONOMOUS) SELF STUDY REPORT

Name of the Research scholars	Title of Publication	Source of Publication	Level of Publicatio n	ISSN / ISBN Number	Citation Index &
		If Journal, Name, Vol, Iss & Page Nos. If Book, Name & Place of the Publisher	National/ Inter national		Index & Impact Factor(If Journal Publication)
	Antibactericital activity of Silver nitrate on Biofilm forming Aeromonas spp. Isolated from Drinking water	International Journal of Pure & Applied Bioscience	IN	ISSN: 2320 - 7051 Int. J. Pure App. Biosci. 1 (6): 117- 125	0.964
S.Rajeshwari Ph.D scholar	Multi-Drug Resistant Patterns of Biofilm forming Aeromonas hydrophila from Urine Samples.	International journal of pharmaceutical sciences and Research.	IN	0975-8232 Accepted	1.89
	Study of virulence factors and molecular characterization of MDR <i>Candida</i> spp. Isolated from medical devices	International Journal of Advances in Interdisciplinary Research, 2013, 1(1):32-38	IN	ISSN 2348 -0696	
	Antibactericital activity of Silver nitrate on Biofilm forming Aeromonas spp. Isolated from Drinking water	International Journal of Pure & Applied Bioscience	IN	ISSN: 2320 - 7051 Int. J. Pure App. Biosci. 1 (6): 117- 125	
	Multi-Drug Resistant Patterns of Biofilm forming Aeromonas hydrophila from Urine Samples.	International journal of pharmaceutical sciences and Research.	IN	0975-8232 Accepted	1.89

- A review on anaerobic decomposition and enhancement of biogas production through enzymes and microorganisms. P. Merlin Christy, L. R. Gopinath, D. Divya. ELSEVIER- Renewable and Sustainable and Energy Reviews. Refereed Impact Factor: 5.6
- Endosulfan Degradation through Cipadessa Baccifera and Clausena Dentata S. Archaya, L. R. Gopinath, R. Bhuvaneswari. Vol 7(7) PP 42-47. 2014.IOSR Journal of Agriculture and Veterinary Science. 2014. ISSN 2319-2380. Impact Factor: 1.4

- Molecular Characterization Of Kerosene Degrading Bacteria Isolated From Kerosene Polluted Soil. S. Archaya, L. R. Gopinath, S. Sangeetha, R. Bhuvaneswari. Vol 2(4), 1117-1124. 2014. International Journal of Advanced Research. ISSN 2320-5407. Impact Factor: 1.6
- A review on Trends, Issues and Prospects for biogas production in Developing Countries. P. Merlin Christy, L. R. Gopinath, D. Divya. Vol 3(1), 62-69.2014. International Research Journal of Environmental Sciences. ISSN 2319-1414
- A Review on Advances in Phytoremediation Of Pesticide Polluted Soils. S. Archaya, L. R. Gopinath, R. Bhuvaneswari. Vol. I (4), 1-6. 2014. International Journal of Advances in Interdisciplinary Research. ISSN 2348 0696. Impact Factor: 1.0280
- 6. Isolation Identification Of Acetobacterium woodii and Methanospirillum hungatei and their effectiveness in biogas production. R. Manimegalai, L. R. Gopinath, P. Merlin Christy, D. Divya. Vol 4(3), P-156-162. 2014. International journal plant, animal and environmental sciences. ISSN 2231-4390
- Identification and Evaluation of Effective Bacterial Consortia for Efficient Biogas. L.R. Gopinath, P. Merlin Christy, K. Mahesh, R. Bhuvaneswari, D. Divya. Vol8(3) 2014. IOSR Journal of Environmental Science, Toxicology and Food Technology. e-ISSN: 2319-2402,p- ISSN: 2319-2399. Impact Factor: 1.3
- 8. A Study on Petrol and Diesel degradating Bacteria's isolated from Agriculture soil and their Molecular Analysis. Gehitha TR, Gopinath LR, Bhuvaneswari R and Archaya S. Vol 1(2) .2014. International Journal of Advances in Interdisciplinary Research. ISSN 2348 0696
- Identification of Conserved domain of Hydrocarbon degrading Bacteria isolated from Oil Spilled Soil. Gehitha TR, Gopinath LR, Archaya S and Gnanendra TS Vol 1(3).2014. International Journal of Advances in Interdisciplinary Research. ISSN 2348 0696

- Decomposition as a technology for sustainable energy management. P. Merlin Christy, L. R. Gopinath, D. Divya. Vol. 3(4) pp. 44-50. 2013. International journal plant, animal and environmental science. ISSN 2231-4390
- 11. ITS PCR based molecular identification of fungi associated with Piper nigrum and its growth sensitivity against Pseudomonas fluorescens. Divya D, Rishad KS, Arjunan S, Gopinath LR and Merlin Christy P. Vol. 1(3): 26-33. 2013. International Journal of Interdisciplinary Research and Reviews. ISSN 2319-8788
- 12. Hydrocarbon degradation and Biogas production efficiency of bacteria isolated from petrol polluted soil. L.R. Gopinath, D. Divya, T. R. Gehitha, R. Bhuvaneswari, S. Archaya and P. Merlin Christy, Research Journal of Recent Sciences. Accepted. 2013. ISSN: 2277 - 2502
- 13. Gopinath, L.R., Kavitha, S., Archaya, S. and Manimegalai, R. Methanosarcina thermophila strain KA1 16S ribosomal RNA gene, partial sequence. ACCESSION: KC203046. 2013.
- Gopinath, L.R., Vinodhini, U.K., Divya, D., Bhuwaneshwari, R. and Archaya, S. Bacillus flexus strain V1 16S ribosomal RNA gene, partial sequence. ACCESSION: KC203048. 2013.
- 15. Archaya,S., Gopinath,L.R., Keerthana,P.S. and Bhuvaneswari,R. Lysinibacillus fusiformis strain AGE1 16S ribosomal RNA gene, partial sequence, GenBank: KF261599.1. 2013.

## 5.3.6 Does the college have a Student Council or any similar body? Give details on its selection, constitution, activities and funding.

Each department has it own students association, the students are proposed and nominated by other students and elected by respective departments for President, Vice President, Secretary, Joint secretary and Treasurer. Generally President and Vice president are research scholars and PG students, Secretary and Joint Secretary are PG

students and Treasurer from UG.

## 5.3.7 Give details of various academic and administrative bodies that have student representatives on them. Provide details of their activities.

The institution has an active alumni association. The college convinence regular meetings of the alumni association and they actively participate in various activities of the college. Alumni associations sponsor academic seminars and other programmes. The college also invites the former faculty members of the institution for various functions and keeps in touch with them. In every BoS, the representation of alumni is mandatory.

The following cells and committee are constituted in our institution and functioning well

- ☐ Extra curricular committee
- ☐ Co curricular committee
- ☐ Library Committee
- ☐ Grievance Redressal Cell
- ☐ Research Activities Cell

The representation of students in various College Committees is a new initiative, students have been nominated to these committees by different teaching departments. However, the College intends to have elected students representatives in these committees from the next session.

### CRITERION VI: GOVERNANCE, LEADERSHIP AND MANAGEMENT

### 6.1 Institutional Vision and Leadership

### 6.1.1 State the vision and mission of the College

#### **VISION**

Vision of the Vivekanandha College of Arts and Sciences for Women is to evolve into a center of Excellence in higher education through creative and innovative practices to secure social equity for women.

#### **MISSION**

- To provide sufficient learning infrastructure to the students to pursue their studies.
- To provide good opportunity for higher education and conducive environment to the students to acquire education.
- To provide quality academic programs, training activities and Research Facilities.
- To Facilitate Industry-Institute interaction.
- 6.1.2 Does the mission statement defines the college's distinctive characteristics in terms of addressing the needs of the society, the students it seeks to serve, college traditions and value orientations, vision for the future, etc.?
- ✓ The college offers a wide range of Programs with adequate academic flexibility.
- ✓ Uses feedback from students in the initiation, review and redesign of programs.
- ✓ Facilitates effective running of teaching-learning programs.
- ✓ Implements a well-conceived plan for monitoring student continuously.
- ✓ Ensures that the student assessment procedures and systems are reliable and valid.

- ✓ Provide clear information to students about the admission completion of all requirements for various programs, the fee structure and refund policies and financial aid.
- ✓ Ensures efficient and well-run support services to all students.
- ✓ Promotes values, social responsibilities and good citizenry in all students.

The principal of the college and the staff coordinators of various programmes attend the meetings convened by the various management training institutuions and propose various plans that will be useful for ensuring quality at the college level. The college applies for additional assistances from our sister concerns assumes various measures for the successful implementation of various policies and programmes of the government. The faculty members are keen to work in tune with requirements and take active participation in undertaking and implementing various quality improvement plans and programmes. Numerous quality improvement programmes are undertaken by faculty members as additional duty. The IQAC of the college monitors the overall activities of the college by holding periodical meetings and advising the staff based on their needs. Teaching- learning process is evaluated by the academic records of the students and the lesson plan of all teachers in every department. The Quality Management System (QMS) which is an ISO 9001:2008 system augment to the quality sustenance of many academic and administrative areas. The QMS covers the student curricular aspects, monitoring aspects, planning and control aspects in the academic zone.

### 6.1.3 How is the leadership involved in

\* Ensuring the organizations management system development, implementation and continuous improvement.

The college leadership takes all the necessary initiatives with

the necessary financial support whenever and wherever needed. Besides this, the improvement in work culture in the institution and ensuring overall institutional development by the leadership through various support facilities, incentive plans, involvement of stakeholders at all levels is among the priorities of the leadership. The college functions with a view to achieve the spirit of its mission, ie, to provide quality education and opportunities for the all-round development of the students. To ensure this, the college has accrued the required physical facilities, intellectual resources and societal goodwill.

#### \* Interaction with stake holders

In order to achieve the stated objectives, the stakeholders are called upon at regular intervals to offer their suggestions for the implementation of the policies and plans formulated in the light of institutional needs. Consultations are held with the stakeholders under the supervision of the leadership.

Our institution assures at every meeting with its stakeholder the following

- Formulation of action plans for all operations and incorporation of the same into the institutional strategic plans.
- Interaction with stakeholders
- > Proper support for policy and planning through need analysis, research inputs and consultations with the stakeholders
- > Reinforcing the culture of excellence
- Champions organizational change.

### \* Reinforcing culture excellence

With an objective to ensure the culture of excellence, various programmes are invited such as deputation of teachers to participate in various activities organized by different organizations within and outside the state for their professional and personality development, encouraging students to participate in various events undertaken by the institution as well as other organizations like NGOs, the research centres, the industrial entities, sports and cultural organizations at local, regional, state, national and international levels.

### \* Identifying needs and championing organizational development (OD)

Facilities like Wi-Fi internet connectivity, interactive smart classes, Digital Language Lab, Centalized Computing facility, UGC Network Resource Centre, sophisticated labs for Physics and Electronics, sufficient number of printers, scanners, copiers, intercom facility, a well designed website, annually updated general library and department libraries are a few of the physical facilities for obtaining the mission of the institution.

In addition to these, the college assures clean environment, lush green compound and hosts a Health and Fitness Centre with outdoor and indoor sports facilities. The college ensures scholarships for all, and provides student amenities at subsidized rates and thereby supports hassle free academic engagement.

The students committees formed in every department strengthens the inner potential and emotional quotient of the student folk and organizes co-curricular and social activities and helps to develop a sense of service and sacrifice among the students.

### 6.1.4 Were any of the senior leadership positions of the college vacant for more than a year? If so, indicate the reasons.

No senior leadership positions of the college vacant for more than a year.

## 6.1.5 Does the College ensure that all positions in its various statutory bodies are filled and conduct of meetings at the stipulated intervals?

Yes, the college ensures that all the positions in its various statutory bodies are filled and meetings are conducted at the stipulated intervals. In our college the statutory bodies are Governing Body, Academic Council and Board of Studies. These three statutory bodies are set up in our college to look after all the affairs of the college

## 6.1.6 Does the College promote a culture of participative management? If yes, indicate the levels of participative management.

The Principal collects feedback on the programmes of the college from different stake holders through periodic meetings. The conveners of the different committees submit appraisal reports of all institutional activities to the college council. The council processes and submits the reports to the Principal. The action plans of the current year serve as indicators for the analysis. The Principal with the help of the staff council reviews the reports and initiates interventions. The institution has the practice of evaluating the institutional activities by inter committee members. In addition, feedback from students is obtained through representatives of the college union, student suggestion box and Student Grievance Cell. The heads of the departments keep regular contact with the students and other stakeholders and their suggestions are noted and utilized for the implementation and improvement of the policies and plans.

The curriculum evaluation method used in this institution is very unique that involves summative and formative methods of evaluation.

The college is sensitized to latest managerial concepts such as strategic planning, teamwork, decision-making and computerization.

Strategic Planning and implementing activities of the college, association programmes in concurrence with HODs and the faculty members and students.

Teamwork with effective Planning and implementations through the formation of various committees comprising of faculty members allocation of need-based specific tasks to adhoc committees and periodical meetings of the members of the committees with the Principal ensures each and everybody in the management.

## 6.1.7 Give details of the academic and administrative leadership provided by the University to the College?

The college is affiliated to Periyar University, Salem. The University nominates the representatives for the statutory boards like Governing Body, Academic Council and Board of Studies who play a major role in leading our college towards development and maintenance. They are free to provide their ideas and suggestions on academic and administrative activities of the college. The University faculty provides support for conducting practical exams, seminars, and orientation programmes for the benefit of all departments.

#### 6.1.8 How does College groom the leadership at various levels?

The academic leadership starts from Principal monitor the directors and heads of the departments, Directors monitor the heads of the departments and Heads of department monitor the staffs of the department and staffs monitor the class as class incharge. Apart from the above staffs are also given incharge of different co-curricular

activities and special programs which ensure academic leadership at various levels.

The staff members are involved by way of constitution of various committees such as Cultural Committee, Discipline Committee, Examination Committee, etc. The best coordinator in the cultural committee is appreciated and rewarded. The staff is involved in various co curricular activities as staff advisors. They organize programmes for the benefit of the students and the decisions are analyzed and discussed at various levels. The proper implementation of the institutional policies and programmes is achieved through mutual understanding and appreciation. The leadership skills of our students also get enriched as they have to play the role of student coordinators in all the programmes undertaken by the college.

The college administration is decentralized to ensure the quality of educational provisions. Every member of the administrative staff is given charge of specific sections.

The senior superintendent supervises and coordinates the functioning of the accounts section, establishment section, purchases, examinations, student affairs and is accountable to the head of the institution.

The responsibilities of taking appropriate steps to ensure qualitative teaching and preparing the students to face the challenges of the modern world lie with the heads of the departments. They also manage their departmental work with the cooperation and assistance of their staff members and maintain departmental stock registers and other documents.

Committees comprising teachers from different departments coordinate and conduct various activities and events in the college. The administration is decentralized for all academic activities. This paves way for the sharing of duties and responsibilities, binding all

stakeholders in a positive interaction and building good human relations.

### 6.1.9 Has the college evolve any strategy for knowledge management? If Yes, give details.

Our management allocates sufficient amount of money every year for the purchase of books and journals with keen interest to enhance the library facilities. Management supports two day staff orientation programme to each staff to enrich the academic qualities. It is very useful for the faculty to implement the effective teaching and learning methodologies to handle the students. Regular research committee meetings organized with Principal as chairperson to identify research needs and enhance research activities. Management introduced user name and password for research scholars to avail e-Journals facility to browse hundreds of books and journals.

### 6.1.10 How are the following values reflected in various functions of the College?

#### \* Contributing to national development

Our NSS, YRC, and RRC students create awareness on national issues like AIDS, Consumer Awareness, Women Development, Environment Awareness through rallies and other district level programmes contribute to National development. Our students involve in collecting data on economic status of neighboring villages for administration, inolve in tree plantation, blood donation camps, to the local communities to develop green and eco friendly region.

### \* Fostering global competencies among students

Students were encouraged to participate various competitions, seminars, workshops, conferences, symposium both at national and international level to improved their global competancies.

Allumini in abroad visit the college regularly to encourage the student with recent advances at national and international level and develop a bridge among them.

Leadership qualities are improved thorugh involving them in various committees at student level and encourage programs among them.

### \* Inculcating a value system among students

Student syllabus enriched with value systems like Yoga, Ethics, Environmental studies, Human rights etc.

Students were given regular counselling with professional councellors on value systems and its advantages.

Students were trained to maintain dress code, communication code and conduct.

Students were provided with support for various cultural programs and festivals inside the campus for enriching their value systems.

### \* Promoting use of technology

Each department has its own Over head projector, slide project and LCD projector all teaching faculty take classes using these technology. Each student at UG, PG and research scholars ensured using these technology as class seminars, paper presentations, extension activities in their villages, etc. Library has e-library facility, internet facility for reading purpose. Students at classrooms and hostels Wifi facility is provided for collecting notes and other advanced information.

### \* Quest for excellence

At academic level students were encourage do participate in different competititions like, quize, oratorical, drawing, painting, dancing, etc Higher calss students were encouraged to taken part in seminar, training programs, workshops, symposium, etc both at national and international levels. For career oriented programs students were given coaching for writing comptetive exams (TNPSC, Civil services, Bank exams, etc.), personalit development training, spoken english class, Yoga class, etc.

### 6.1.11 Give details of the UGC autonomous review committee's recommendations and its compliance.

#### Aunonomous review committees's recommendations

"Based on the observations delineated in the report and after verification of the infrastructure facilities available in various departments, common facilities available in the college and on the basis of interaction of the Committee with the Management, faculty members, non-teaching staff and students of the college the committee unanimously recommends the autonomous status be conferred upon Vivekanandha College of Arts and Sciences for Women, Elayampalayam, Tiruchengode, Namakkal, Tamilnadu for a period of Six Years w.e.f. 2010-111 to 2015-16 as per the norms laid down in the XIth plan Guidelines of the UGC on Autonomous Colleges"

### (Annexure VII)

### 6.2 Strategy Development and Deployment

## 6.2.1 Does the College have a Perspective Plan for development? If so, give the aspects considered in development of policy and strategy.

### \* Teaching and learning

The academic calendar is provided to the students at the beginning of the year.

The calendar provides details about the internal tests, holidays and total working days. Staff members prepare a detailed lesson plan at the beginning of every semester and strictly adheres to it.

The performance of a student in each course is evaluated in terms of percentage of marks with a provision for conversion to grade points. Evaluation for each course shall be done through a continuous internal assessment by the course teacher concerned and through semester examinations of three hour duration and the results of both will be consolidated at the end of the course.

The ratio of marks of the continuous internal assessment to the semester examination is 25:75. The evaluation of laboratory component, wherever applicable, will also be based on both a continuous internal assessment and semester practical examination.

### \* Research and development

The Research Committee of the college encourages and motivates the teachers to take up research projects, and fosters a culture of research among students and staff. The committee is also involved in synchronising and facilitating research activities carried out by the members of the faculty by providing relevant information, and updates the faculty members on the availability of funds and their sources. Publication of research findings and presentation of research papers are undertaken by the faculty members.

### \* Community Engagement

Community orientation is a fundamental principle closely followed by the college. The NSS unit has adopted a tribal village and supports it in different ways. The college has undertaken a survey on the problems of the educated tribal people, and has prepared a documentary. Programmes like field visits, organising road safety awareness camps and blood donation campaigns are a few of the activities of the college. The college conducts blood group identification camps every year, and keeps a registry of blood donours, and provides blood to the blood bank and to the needy as and when required.

#### \* Human resource planning and development

We have a Self-appraisal method for all teachers. This system motivates the faculty to progress vertically as well as to enhance their quality by attending Faculty development programmes.

Work shadowing, evaluations using 360-degree appraisal are followed systematically. Confidential Reports prepared by the principal on Heads of the departments. Confidential Reports prepared by the Head of the Department on faculty members. The Heads of the department meet the class representatives and the students to get feedback on the performance of the Department staff.

The Principal and the Vice principal meet the class

representatives twice in a semester before the mid semester and the pre semester and obtain the feedback. The students feedback on teacher performance and quality of teaching are obtained. The Principal, Dean and HODs make frequent visits to the class rooms to assess the teaching ability of the staff.

### \* Industry interaction

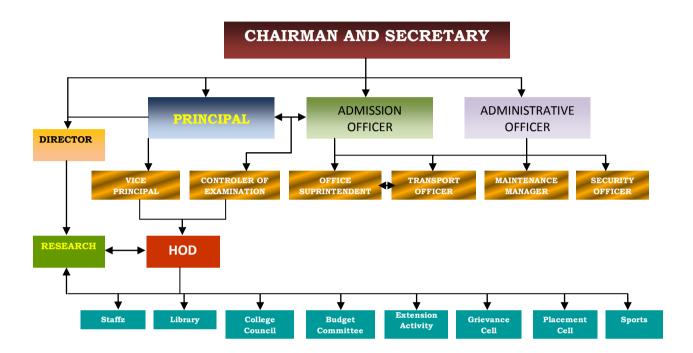
Frequent industrial visits are organized to acclimatize the students to the industry environment. MoUs are also signed with the industries to carry out the part of their research work. Special lectures from various institutions are also organized to make the students aware of the opportunities available in the specific field.

### \* Internationalization

International seminar, conferences and symposiums are conducted with international delegates periodically.

Biomillennium'13 and Biollennium'14 delegates from Japan, Korea, China, Canada participated. 6.2.2 Enunciate the internal organizational structure of the College for decision making processes and their effectiveness.

#### **ORGANISATION STRUCTURE**



6.2.3 Specify how many planned proposals were initiated/ implemented, during the last four years. Give details.

Please refer 3.2.5

6.2.4 Does the College have a formally stated quality policy?

How is it designed, driven, deployed and reviewed?

Yes.

The college aims to provide affordable comprehensive education to the underprivileged rural poor girl population at large inculcating employability skills, societal commitment, values and ethics of life. The quality policy originates from the vision and mission of our college and is the underlying criteria in all the activities of our college. The college assures quality in all activities inherent in its mandate. Quality

assurance at the college is a peer-review process, comprising detailed examination of elements related to the quality of teaching, learning research and administration. We undertake periodic internal and external reviews to evaluate programmes of study and research, as well as the administrative support for these programmes. An integrated perspective plan for the college gives the strategy for development in academic administration and financial management. The administration has become more efficient with better planning and improved resource allocation for academic activities and financial management practices.

Other quality parameters adopted in the college are

- ✓ Functioning of various statutory non statutory and adhoc committees
- ✓ Decentralization and delegation of powers
- ✓ Bottom -up planning
- ✓ Well laid out governance structure with effective checks.
- ✓ Internal and External audit
- ✓ Use of Management information system takes care of the dissemination of information, collection of feedback and analysis of the same to improve the organization.
- ✓ Train the administrative personnel on computer basics, automation software, Skill and personality development.
- 6.2.5 How does the College ensure that grievances / complaints are promptly attended to and resolved effectively? Is there a mechanism to analyze the nature of grievances for promoting better stakeholder-relationship?

Grievances in the internal evaluation are brought to the notice of the concerned HOD. The HOD checks the evaluated scripts and rectifies the deficiencies if any.

For any grievances regarding evaluation, students may apply to the controller of examination for transparency and revaluation through the Principal. Grievances regarding evaluation conducted by the College are entertained by the Department and on not being satisfied with the redressal measures, a student can take the matter to the Grievance Redressal Cell or appeal directly to the Principal. However, redressal at the Departmental level, which involves discussion of the grievance with the student, has been found to be adequate and useful.

#### 2012-13

- A committee has been formed with principal as a Head and all the HOD's of the department as members to look in to the grievances of the students.
- Transparency in evaluation is maintained by the COE section in re-totaling and revaluation.
- Class representative meetings are conducted to redress the complaints and suggestions.

#### 2011-12

- A common grievance and redressed cell has been instituted to look into the complaints of the students and this is headed by the Principal and the Heads of all the departments. In this connection, Periodical meetings with students and staffs are being conducted with suitable and remedial measures.
- Suggestion Box is kept block wise inside the campus.
- The Committee members reviewed the complaints and steps have been taken to rectify them

2009-10

- A committee has been formed with the Principal as a Head and all the HOD's of the department as members to look into the grievances of the students.
- Transparency in evaluation is maintained by the COE section in re-totaling and revaluation.
- Suggestion box is kept block wise inside the campus.

The committee members reviewed the complaints and steps have been taken to rectify them.

## 6.2.6 Does the College have a mechanism for analyzing student feedback on institutional performance? If yes, what was the institutional response?

Feedback file is maintained by every class in charge. The feedback is reviewed and remedial action is taken immediatly. There is a students' grievance cell at every department.

In the beginning of session, interactive sessions are being conducted with newly appointed teachers. Besides new teaching methods launched, group discussions and brain storming sessions are conducted. Feedback from students/faculty serves as effective mechanism to monitor and evaluate quality of teaching/learning.

The feedback obtained is communicated to the staff concerned and the individual teaching strategies are modified accordingly. It is observed that this has helped us in maintaining the quality of the academic programmes. The college has set up an Internal Quality Assurance Cell which periodically meets to review the students feedback and make quality assessment of teachers. The teachers are evaluated by the students periodically. The feedback is given to the teachers and remedial actions are also initiated wherever necessary. The parent-teacher meeting are also organized periodically. This helps

both the teachers and parents in maintaining the discipline and standards of the students.

### 6.2.7 In what way the affiliating University helped the College to identify the developmental needs of the College?

The college is affiliated to Periyar University, Salem constant interaction with the University in, Board of study, Academic Council, Syndicate meeting, etc. For affiliation of each course University experts visit the college to very infrastructure, teaching methodology, syllabus help in development of the college. Placement cell of the University creates common platform for campus programme, NSS, YRC, etc also helps us develop the college. College in consultation with the University make appropriate changes in the campus.

# 6.2.8 Does the affiliating university have a functional College Development Council (CDC) or Board of College and University Development (BCUD)? If yes, In what way College is benefitted.

Yes, the University have functional college Development Council, which provides guidelines for starting new programs, monitoring the development of colleges under its jurisdiction, staff approval at various levels, conducts meetings and training programs for the development of academic and institutional management of the colleges, etc.

## 6.2.9 How does the College get feedback from non-teaching, teaching, parents and alumni on its functioning and how it is utilized.

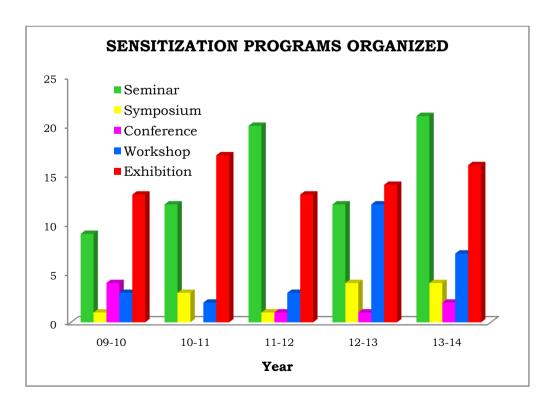
The teachers in the respective Board of Studies (BOS) play a vital role in updating syllabi and making them more relevant to the society and industry. They collect feedback from faculty, students, alumni and employer and communicate the information and feedback for appropriate inclusion and decision of the Board of

studies, through University representative and our faculty members representing our college.

### 6.2.10 Does the College encourage autonomy to its academic departments and how does it ensure accountability?

The management provide autonomy to all departments to conduct workshops, training programs, exhibition, seminar, symposium atleast one per year and facilitates concern departments financially to conduct the same. Departments also avails funding support from national and international funding agencies. During these events eminent researchers and scientists are invited to evaluate, share and promote the research activities in the college. The entire students in the departments take active part in organizing the programs through their student department clubs and make their presentations.

The sensitization programs organized have increased from 30 to 50 during the last five years, the dominant programs are seminars, exhibitions and workshops in this International level includes one seminar, two Symposium, one Conference.



### 6.2.11 Does the College conduct performance auditing of its various departments?

Performance evaluation is being done at three levels continuous basis by the HOD and weekly basis by the Principal on daily log book of teachers and anlyse their theory, practical, tests, etc. Once in a semester result produced by each staff is being analysed by HOD, Principal and sent to chairman for his feed back. Once in a year staff evaluation is obtained from each department and evaluated. Based on the evaluation chairman provides various suggestions and development programs at departmental level.

### 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?

### For staff:

Orientation programmes in computer training for the faculty in

- Use of internet
- Access of learning materials
- > Referring eBooks
- > Preparation of slides for power point presentations
- Creation of email IDs and
- Web designing
- Handling ICT Facility
- Research activities and research publications are promoted by the institution under the guidance of the Research Committee set up in the college.

#### For students:

- Induction program immediately after the admission of freshers.
- Orientation towards higher education and the CCSS Programme.
- Familiarization programmes conducted for effective use of the class rooms, labs and other resources.
- Encouragement to organize their own clubs / activities / interest groups
- Awareness programmes about the internal evaluation systems of the CCSS programme.

### 6.3.2 What is the outcome of the review of the Performance Appraisal Reports? List the major decisions.

Performance evaluation reports from each staff member from each staff is being evaluated by the HOD and Principal is communicated to the chairman. Based on the reports following measures are taken by the management.

- Staffs are given training to handle the subjects during teaching by the senior faculty members
- Staffs strength and weakness are analysed and encouraged them to taken training programs
- Staffs are encouraged to go for higher degrees like Ph.d.
- Staffs are encouraged to write research papers and conduct seminars workshops, symposium, etc.
- Faculty development programs are identified and organized
- Structural and methodological reforms in teaching and learning are identified and developed.

In order to enhance the professional development of the teaching staff, the college takes every necessary step for their deputation to participate in various orientation, refresher courses, workshops, conferences and other academic programmes organised at State, National and International levels. The faculty members are facilitated to present research papers in various conferences at national and international levels. Also, the members on teaching staff are encouraged to participate in various training programmes aiming at professional development. For instance, Accountant, Librarian, Head and Senior.

The institution makes good use of the self appraisal method and comprehensive assessment by students to assess the performance of the faculty and staff. The feed back is communicated to the teachers and staff so that they may make necessary improvements in their performance. Department staff meetings address specific issues in teaching and learning pointed out by the students, and arrives at a consensus regarding the corrective measures required.

The management is keen on appraising the performance of the staff. The management keeps vigil on the working behavior of the members of the teaching as well as the non teaching staff. Annual increments and placement in the grades are all implemented based on their performance. The management has in the recent past given due recognition to the teachers who have completed their Ph.D and qualified in the NET/SET Examinations. The staffs are apprised of their performance level in an informal meeting and are given opportunities to improve.

## 6.3.3 What are the welfare schemes available for teaching and non teaching staff? What percentage of staff have availed the benefit of such schemes in the last four years?

Staffs are provided free hostel facility with food for others free transport is provided. Staffs are given special permissions in order to enable them to attend evaluation seminar and conferences. It is also provided for staff candidates registered for Ph. D. meet their guide for a discussion about the progress of their research work. Medical

### VIVEKANANDHA COLLEGE OF ARTS AND SCIENCES FOR WOMEN (AUTONOMOUS) SELF STUDY REPORT

concessions are provided to the staffs in the institutions multispecialty hospital. Other benefits include

- Provident fund
- Uniform
- Yoga programs
- Recreational tour
- Sports

10% of the staffs avail hostel facility remaining 90% of the staff avail transport facility. 80 % of the staffs avail special permission for evaluation and to attend seminar and conferences. 100% facultury provided with medical insurance and concession.

## 6.3.4 What are the measures taken by the Institution for attracting and retaining eminent faculty?

Institution creates opportunities for self improvement and provides sound working atmosphere to assure job satisfaction among the staff. It helps the institution to attract and retain eminent faculty. HOD and other senior faculties are provided with separate work space (Room) with well furnished infrastructure with attached toilet and bathroom. Computer are provided to staffs in the ration of 1:5 to each department with internet facility and UPS connection.

Annual increaments are given based on performance and teaching experience. Faculty producing results are given award and reward duing the annual day functions. Senior faculty producing M. Phil. scholars are given Rs. 5000/- for each students as bonus.

### 6.3.5 Has the College conducted a gender audit during the last four years? If yes, mention a few salient findings.

The college is women college only the staffs are in both gender in the ratio of 70:30 for female and male. Initially the male was 70% with gradually reduced and keep on increasing.

## 6.3.6 Does the College conduct any gender sensitization programs for its staff?

Gender sensitization is an everday activity in our college by each faculty. During each program most of the invited speakers emphasise gender sensitization in their talk. In spit of this differen gender sensitization programs are conducted through women development cell.

## 6.3.7 What is the impact of the University's UGC-Academic Staff College Programmes in enhancing competencies of the College faculty?

University UGC-Academic College provides regular training programms on various teaching and learning process which communicated and we make use of it.

### 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 HODs prepare the requirements in terms of books, equipments, consumables and seminars proposed to organized by them. These requirements are discussed by the Principal, Vice Principal, and Secretary. Based on the requirements and the general operational cost, the Secretary prepares a income and expenditure budget and capital budget. The above requirements are placed before the Board of

Trustees who discusses the same in detail and accord the sanction. The copy of this is given to the accounts department for monitoring the expenditure. The account will scrutinize the purchase order, the bills and expenditure and make the payment up to the limit sanction. In case of any increases in the amount required the Secretary in consultation with Board of Trustees sanction additional limits.

6.4.2 What are the institutional mechanisms for internal and external audit? When was the last audit done and what are the major audit objections? Provide the details on compliance.

The accounts of the Trust is audited by the external auditors once a year by Charted Accountants. The systems and procedures are governing various aspects including verification of receipts and payments are conducted by the Internal auditors. The last external audit was conducted in October 2013 and the last internal audit was conducted in January 2013.

6.4.3 Provide audited income and expenditure statement of academic and administrative activities of the previous four years.

(Annexure VIII)

6.4.4 Have the accounts been audited regularly? What are the major audit objections and how are they complied with?

Accounts been audited for every finaincial year and the statement of income and expenditure is brought to knowledge of Chairman and Secretary. No major audit objections have been made.

6.4.5 Narrate the efforts taken by the College for resource mobilization.

Major source of funding is from students fees and project funding

from funding agencies for different programs. Student fees includes Tution fee, examination fee, hostel fee, etc.

### 6.4.6 Is there any provision for the College to maintain the 'corpus fund'? If yes, give details.

Prof. Vivekanandhan and Prof. Devatha provided a corpus fund for rupees 1,00,000.00 the interest from the same was provided to two best outgoing students as Prof. Vivekannadhan Endowment Award and Prof. Devatha Endowment Award.

### 6.5 Internal Quality Assurance System (IQAS)

### 6.5.1 Does the College conduct an academic audit of its departments? If yes, give details.

Every semester there will be a FDP and panel discussion program for the staff to improve and maintain quality assurance in both teaching and internal administration

- Internal audit is conducted by the institutions itself.
- Every month statement is collected from HODS of various departments with reference to coverage of syllabi
- Feedback from students is being collected.
- Assignments/ Class tests are conducted at different intervals of time and evaluation are made accordingly.
- Debates/symposia are also being conducted within the departments and also inter college participation of students is ensured at regular intervals of time.
- Inspection of IQAC team to various departments is conducted in order to seek feedback from students as well as teachers regarding academic improvement.

## 6.5.2 Based on the recommendations of academic audit what specific measures have been taken by the College to improve teaching, learning and evaluation?

The measures taken by the college based on the recommendations of academic audit are:

- o To go for more usage of ICT in Teaching & Learning processes.
- To increase the number of National and International Seminars,
   Conferences and Workshops organized by the department.
- o To increase the number of MoUs and collaboration with state and central research institutes.
- O To encourage the faculty to involve in more research activities and to purchase more number of books related to syllabus for the department.
- To ensure teachers' preparation and notes material for effective teaching.
- o Students are encouraged to take notes from the lecture classes.
- Snap tests are encouraged to make students study continuously.

## 6.5.3 Is there a central body within the College to continuously review the teaching learning process? Give details of its structure, methodologies of operations and outcome?

The management is conscious of the fact that quality of education and excellence of institution is linked with the quality of teaching and learning. The modern teaching learning mechanism has been introduced including seminars, groups discussions, lecture methods, assignments, on the job training, remedial classes etc. Number of steps are taken to review these teaching / learning mechanisms, for instance, feedback from students and teachers is collected to ascertain the impact of modern teaching. It has realy developed a taste of self learning among students and ensured active participation in all academic activities.

## 6.5.4 How has IQAC contributed to institutionalizing quality assurance strategies and processes?

IQAC of our college contributes to the institutionalizing quality assurance strategies and processes in the following ways:

Monitoring and Supervising

Providing guidance to each Department on Quality Related

Aspects

Updating the Curriculum

Promoting Research & Development

Enabling Optimum use of ICTs among the Faculty & Students

Infrastructure Development

Promoting Quality Enhancement,

Sustenance measures, etc.

## 6.5.5 Does the IQAC have external members on its committees? If so, mention any significant contribution made by such members.

Yes the IQAC has each of management representative, alumni, community representative, industrialist and an external expert.

Significant contribution of members of IQAC include focusing syllabus towards entrepreneurs based at UG level, competitive exam based at PG level and field work at UG and PG level in many of our programmes.

Students and alumni of the IQAC give constant feed back from the persuing students and community stake holders which reflect in the syllabus framing, teaching, learning and evaluation pattern.

IQAC conducts frequent evaluation of teaching and learning process in a transparent manner and communicates through training and workshops to students and staff.

## 6.5.6 Has the IQAC conducted any study on the incremental academic growth of students from disadvantaged sections of society?

The IQAC of the college monitors the overall activities of the college by holding periodical meetings and advising them based on their needs.

Teaching-learning process is evaluated by the academic records of the students and the lesson plan of all teachers in every department. Tutorial classes are organized to remove the deficiencies in learning. Special lectures for the benefit of the teaching faculty are organized and students are involved in participating and presenting papers in the seminars. Periodical assessment of the students is done by holding oral and written tests.

The Quality Management System (QMS) which is an ISO 9001:2008 system augment to the quality sustenance of many academic and administrative areas. The QMS covers the student curricular aspects, monitoring aspects, planning and control aspects in the academic zone.

It monitors and controls admission systems, student record keeping, purchasing system, library in the administrative area. The QMS consists of manuals and procedures which are as per ISO 9001:2008 standards and administrated by six internal quality auditors. The internal quality audit is conducted on regular basis (three monthly schedule) and the nonconformities are discussed in the Management Review meeting for taking appropriate actions.

## 6.5.7. What policies are in place for the periodic review of administrative and academic departments, subject areas, research centres, etc.?

The policies in place for the periodic review of administrative and academic departments, subject areas and research centres are:

### 1) Administrative Department

The Management, Secretary, Principal and Vice Principals meet at regular intervals to discuss the administration of the college. All the decisions are made only by the management based on the suggestions of the Principal and Vice Principals.

### 2) Academic Department

To review the Academic activities, the Academic Council meeting is conducted once in a year. Other than that, Principal meets the Vice principals and HoDs of various departments to discuss the academic activities and improvements.

### 3) Research Centre

The Principal meets the HoDs at regular intervals and advises them to involve themselves in research activities. Sometimes these meetings take place in the presence of Experts and Scientists who come as resource persons to our college. In the staff meetings, Principal often advises the staff to write projects.

#### 4) Subject Areas

Subject areas are modified and chosen as per the recent trends of the society. It is enriched by reading more number of books, journals, and new policies of government. Application and skill orientated syllabus is framed for the students to make them employable.

Any additional information regarding Governance, Leadership and Management, which the institution would like to include.

#### CRITERIA VII: INNOVATIONS AND BEST PRACTICES

#### 7.1 Environment Consciousness

### 7.1.1 Does the Institute conduct a Green Audit of its campus and facilities?

The college conducts green audit of the campus, and for this purpose, the institution has constituted landscape development committee which takes care of environment related issues of the campus. The examples of few initiatives taken by the committee are listed as under:

- 1. Plantations as much as possible area
- 2. Though there is water scarcity, out institution maintain garden within the campus.
- 3. Clean, green and eco-friendly campus is ours
- 4. Wastage management is maintained to keep the environment clean and good.

### 7.1.2 What are the initiatives taken by the college to make the campus eco-friendly?

- \* Energy conservation
- Use of renewable energy
- \* Water harvesting
- \* Check dam construction
- \* Efforts for Carbon neutrality
- \* Plantation
- \* Hazardous waste management
- e-waste management

Our classroom and other buildings are constructed in means of low energy conservation i.e., more spacious and ventilation of air. Naturally, our institution concentrates on energy saving methods in all aspects. Cumulative working concept i.e., working together classroom arrangements, water supply system, electric power management and in each and every levels energy saving mode is used in our institution.

Our institution has water harvesting system. Rain water harvesting system is used in our campus.

Controlled power energy system

The chemicals and other hazardous waste material are neutralized before disposal.

The scrap materials available are sold.

#### 7.2 Innovations

## 7.2.1 Give details of innovations introduced during the last four years which have created a positive impact on the functioning of the college.

Innovation in education is unavoidable. In the last four years, our institution concentrate on current trends in subjects taught. Our institution believes that only current trends will be only choice to develop the economical development among the rural women.

- The learner-oriented method of teaching is adopted, and the
  effectiveness and the consistency of the teaching method are
  ensured by regularly monitoring the performance of the
  students.
- In order to make the teaching-learning process simple and interesting, various modern teaching tools available in the department such as OHP, LCD Projector, etc., are utilized.
- By conducting class committee meeting, the difficulties encountered by students in studies are identified, analysed, and appropriate corrective measures are put into action.

- Since every teaching effort made is directed towards the quality, the effectiveness of teaching process is analysed by getting regular feedback from the learners.
- The students are motivated towards the studies by awarding the class toppers.
- In spite of the availability of facilities for carrying out experimental projects in the department, the students are encouraged to do project works in industries in order to make them get industrial exposure with latest technological developments.
- Guest lectures are arranged by inviting eminent persons from the industry, academic institutions, and also from social workers in order to guide the students in various aspects.
- Students are motivated to undergo in-plant training to keep pace with the industrial field.
- Students are motivated to present papers in national and international seminars and publish articles in journals.
- Study materials are provided to students to prepare for GATE,
   GRE, TOEFL and other competitive exams.
- Students are counseled and advised to equip themselves to face the real life, to achieve strength and to acquire knowledge.
- Department alumni are invited to share their industrial experience for the benefit of the students.

#### 7.3 Best Practices

# 7.3.1 Give details of two best practices which have contributed to better academic and administrive functioning of the college

Our institution follows some best practices contributing to the quality improvement of the core activities of the college.

#### **BEST PRACTICE 1**

#### 1. Title of the Practice

Cultured quality education to rural poor girl child

#### 2. Objectives of the practice

- Providing quality education to rural women without compromising Indian culture and ethics
- ➤ Give opportunity to all rural poor girl children for quality education
- Create a platform for a quality research

In Indian context availability of quality education for rural poor women in a safe environment is challenging. Therefore free transport is provided to all students of the college in the radius of 200 km which picks up near the door step of the villages and drops back with strict regulation of security of not interference in-between. The campus is highly secured with systematic security services which do not allow any distraction of the proceedings of the college. Students cannot have any distraction from outside and outsiders cant enter into campus without proper authentication. The quality of education is ensured with regular BoS meetings and logic change in the same.

### 3. The Context

In the context of rural India availability of safe and secure education at a cost effective manner to girl child is the challenge of today. The college campus provides safer facility in bringing the rural girl to the campus, secure campus environment for comfortable education with quality curriculum design and teaching. Teenage women have many problems related to psychological and healthy issues which are supported by safer environment and hospitality.

Each student has a mentor to share their academic and personal problems. Mentor has complete details of the students on their family background, health history academic capabilities with which regular counseling is given to students in all aspects. Mentor also interacts with the parents on the each students psychological, health and academic issues and solve problems in consultation with the parents. Some of the issues related to this is malnutrition, severe health problems like heart diseases, nervous disorders, etc. academic problems like slow learners, language problems, memory issues and psychological issues like family pressure due to parent less students, separated parents, deserted mother etc.

#### 4. The Practice

Our education system from curriculum preparation to evaluation of the same has 'no compromise mode' in quality education. While preparing the syllabus, our institution concentrates the best among the others. Once in year the BoS convened to clarify the syllabus needs and once in three years reframe the syllabus according to the socio-economic development with cultural stability. The syllabus is not only for student's job opportunity but also to feel women issues around the students.

In teaching methods and techniques, our institution concentrate modern teaching techniques, and teacher are free to use innovative teaching techniques and the facilities what they need is arranged. ICT using is mandatory to every department. Notes of lessons, and current theories are essential documents in every department and HoDs with their faculty discuss the problems faced in classes.

The evaluation system, the institution follows two way education evaluation systems. 1. Evaluation of students' progress and 2. Evaluation teaching methods and procedure.

Evaluation of students' education progress is done by periodic tests

and internal valuation methods that most of colleges used but here our institution differs in the criteria for evaluating the students. Our institution gives more importance to the culture and family background in the internal evaluation. Our main motto is not only giving the education but also giving the right skill with good understanding of the society. Summative and formative methods are used to evaluate teachers of our institution. Our institution uses a unique combination of summative and formative evaluation method in evaluating the teachers. Every year the evaluation method is followed. These procedures may seem to be common to all institution but our institution differs in standardization of curriculum of every department. Every nuke and corner will be taken care in quality control.

#### 5. Evidence of Success

The success of the practice is evident from the strength of the college which increasing rapidly over 7500 students. Admitted students are more than 90 percent are from rural background and poor girl child. best' in education is the education with The definition to 'the affordability, quality, equality and should to be all. Our institution has 'no compromise' on giving the best to the students. Identifying the competency of our students, several companies have been recruiting our students every year by conducting on-campus interviews arranged by our placement cell. Department provides necessary learning resources to students in order to motivate and train them capable of succeeding in both on-campus and off-campus interviews. The result of pass percentage had reached above 90% and placement increased more than 10 percent which gradually increasing in the reputed industries. Alumni students placed in abroad even in the government agencies is Singapore, Malaysia, Canada, Australia, etc.

# 6. Problems Encountered and Resources Required

Being an girls college for rural communities marriage during the studies is common in our college were students concentration gets diverted and Love marriage against parents are also happening hinder the academic activity. Consequently pregnant girl students also become challenge to our effort. These issues are tackled through counseling to parents and students to cope up with the situation. Security through safe transport from the door step of the student decreases the diversion of the students and parents are secure with the campus security. The students are provided with essential medicinal facility and first aid with qualified staff and multispeciality hospital of the management in the adjacent building

## 7. Notes (Optional)ugh

Our college is known for girls education in the region particularly rural poor community parents are comfortable in leaving their daughters and sisters in our campus for quality education.

#### **BEST PRACTICE 2**

### 1. Title of the Practice

#### Evolve quality research atmosphere

#### 2. Goal

- Providing quality research facility
- Increase number of research centers
- Encourage activite research by staff and students

The goal of the present best practice is to create conducive environment and facilities to the staffs and students to conduct research avail research funding and publish papers in reputed journals with good impact factor. This would ultimately lead to patenting and identify solutions through technology and core research findings for human problems. Research focus of the college is on both core and applied research required for the local communities at large.

#### 3. The Context

The Institution is located in Namakkal which is the center for poultry, textile, transport and agriculture. These are the areas where research needs are essential in developing techniques and technology to support their economic efficiency. Research is essential to streamline our creamy student's knowledge and skill in developing into useful product. Poultry industry quite often suffer from challenges from diseases, transport needs sustainable renewable energy resources, agriculture needs new varieties to face future problems, human health is also an important issue which needs regular research especially in cancer biology and immune deficiency syndromes.

#### 4. The Practice

Each department is enriched with research facilities like instruments, research fields, space etc. Qualified staffs with doctorates are recruited with research aptitude. Existing staffs are encouraged to register for Ph.D. program and permitted to attend training programs, BB doctoral committee meetings, paper presentation, etc. Students and faculties are facilitated with regular guest lectures at least one for each subject for each semester or once in every month in a department, regular visit of eminent scientist to the college and arranging special lectures. National and international seminars once in a academic year by each department and similarly workshop and training programs encourages staffs to get updated information and update their knowledge and skill. Staffs and research scholars are encouraged to apply for projects to different funding agency to support their research activities.

The management of the college obtained 12(B) recognition from the UGC new Delhi which facilitate the staffs and students to apply for project funding. Management also has 19 other institutions like engineering, pharmacy, nursing, dental, ophthalmology, with modern equipment which is also made available to the staffs of the college. Interdisciplinary research with other institution of the management and other reputed research institutions are permitted to students and staffs to avail subject expertise for their research.

#### 5. Evidence of Success

As a result of several approaches by the management 8 centers have been approved by the affiliating university Periyar Univesity for M.Phi. and 4 for Ph. D. Program. Two minor projects have been sanctioned for staff by UGC. One National exhibition was funded by TNSTC. Five Ph.D. scholars availing scholarships from DST. Tamilnadu Higher Education, etc. As a result more than 200 papers published in the past four years in reputed journals both in national and international journals with an impact factor ranging from 0.3 to 6. More than 20 seminars, conferences, workshops, training programs, etc., are conducted every year. Among the teaching staff 20 faculty completed Ph.D. and around 45 staff registered for Ph.D. Among the students 26 Ph.D. students in which four of them submitted their synopsis and more than 150 M.Phil. scholars completed their degree.

### 6. Problems Encountered and Resources Required

For the present goal staff stability is one of the important problems what so ever the facilities provided when it comes to government jobs staff switch over to it. However, it is encouraging some of our staff remain within the institution even after getting such opportunity. With regard to students culturally students get married and become pregnant where many of them do not continue studies in research. In spite of this we could see research is progressing in our college.

# VIVEKANANDHA COLLEGE OF ARTS AND SCIENCES FOR WOMEN (AUTONOMOUS) SELF STUDY REPORT

#### 7. Notes

However, we have DST inspire fellow and other students with scholarships the management is opting to provide married students hostel for the research scholars.

#### 8. Contact Details

Name of the Principal : Dr. S. Seethalakshmi, M. Sc., M. Phil.,

Ph.D.

Name of the Institution : VIVEKANANDHA COLLEGE OF ARST AND

SCIENCES FOR WOMEN (AUTONOMOUS)

City : NAMAKKAL

Pin Code : 637 205

Accredited Status : Rural

Work Phone : 04288 234242 Fax: 04288 234033

Website : www.vicas.org

E-mail : vicasprincipal@gmail.com

Mobile : 09443316500

# PART 3

# **EVALUATIVE REPORT OF THE DEPARTMENTS**



**Class Room** 

Padma Shri T. Vengadapathy visit National Exibition



Hostel facility

Hostel

VIVEKANANDHA COLLEGE OF ARTS AND SCIENCES FOR WOMEN SELF STUDY REPORT SECOND CYCLE

# **DEPARTMENTS**

D-1	BIOCHEMISTRY	214-221
D-2	BIOTECHNOLOGY	222-233
D-3	BOTANY	234-245
D-4	CHEMISTRY	246-254
D-5	COMMERCE AND MANAGEMENT	255-278
D-6	COMPUTER APPLICATION	279-292
D-7	COMPUTER SCIENCE	293-304
D-8	ENGLISH	305-318
D-9	INFORMATION TECHNOLOGY	319-328
D-10	MASTER OF COMPUTER APPLICATION	329-342
D-11	MATHEMATICS	343-355
D-12	MICROBIOLOGY	356-373
D-13	PHYSICS	374-383
D-14	TAMIL	384-394
D-15	ZOOLOGY	395-403



# **DEPARTMENT OF BIOCHEMISTRY**

Q. No.	Information required		Details		
1	Name of the department	BIOCHEMISTRY			
2	Year of establishment	B. Sc. M. Sc. M. Phil. Ph. D.	1995-1996 1999-2000 2001-2002 2002-2003		
3	Programmes / courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.)	B.Sc. Biochemistry M.Sc. Biochemistry M. Phil. Biochemistry Ph. D. Biochemistry			
4	Names of Interdisciplinary courses and the departments/units involved	Nil	,		
5	Annual / Semester / Choice Based Credit Systems	M. Phil. and Ph. D.	Semester pattern and Choice Based Credit System – Annual pattern and Choice Based Credit System		
6	Participation of the department in the courses offered by other departments	B. Sc Allied  B.ScLanguage B. Sc. Non Major Elective	Department Chemistry Computer Science English, Tamil Microbiology all other		
		Elective departments  B. Sc. Skill Based Biophysics & Biochemical techniques, Nanochemistry an all other departments  M. Sc. Elective Mathematics, Biotechnology and Extra			
		disciplinary course Add-on-Course	All UG and PG Departments		
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 and Filled

Designation	Sanctioned	Filled
Professor	1	1
Associate Professor	-	-
Assistant Professor	2	2

# 10. Faculty Profile

Name	Qualification	Designation	Specialization	Experience (years)	No. of Ph.D. Students guided for the last 4 years
Miss. K. Kalaiselvi	M.Sc., M. Phil.,	Assistant Professor	Molecular Biology, Intermediary Metabolism	10	-
Mr. K. Panneer selvam	M.Sc., M. Phil.,	Assistant Professor	Biomolecules, Clinical Biochemistry	10	-

Q. No.	Information required		De	tails					
11	List of senior visiting	1							
	faculty								
12	Percentage of classes taken by			Nil					
	temporary Faculty		T = = =	T					
13	Student-Teacher Ratio	B. Sc.	M. Sc.	M. Phil.	Ph. D.				
	(Programme-wise)	14:1							
14	Number of academic support	Sanct	ioned	Fil	led				
	staff and administrative staff	1 1			1				
	sanctioned and filled								
15	Qualifications of teaching	g Please refer S. No. 10			10				
	faculty with DSc/ D.Litt/								
	Ph.D/ MPhil / PG.								
	<b>Diversity of Staff Percentag</b>	e of facu	ilty who	are grad	luates				
	Of the same parent Univers	ity	0 out	of 2					
	From other Universities wit	2							
	State								
	Number of Faculty who were -								
	awarded Ph.D., D.Sc., and D.Litt.,								
	during the assessment Perio	•							

## 16. Number of Faculty with On-going projects

S. No.	Name of the	National/	Funding	Grants
	Faculty	International	agency	received
1	-	-	-	-

17. Department Projects Funded by DST-FIST, DBT, ICSSR, etc., and total grants received

Ni1

### 18. Research Centre /facility recognized by the University

Department is recognized for both M. Phil. and Ph. D. Research where separate research laboratory is available with Plant Tissue culture, Bioprocess, Microbial and Molecular biology laboratory facilities some of the major instruments are listed below.

S. No.	List of major instruments					
1	Remi Cooling Centrifuge					
2	Electronic balance with wind shield (Shimadzu)					
3	UV-VIS spectrophotometer					
4	Olympus Monocolor microscope					

#### 19. Publication

Information required	Details		
Publication per faculty			
Number of papers published in peer reviewed journals (national /international)	International	National	
by faculty and students	7	12	
Number of publications listed in International			
Database (For Eg: Web of Science, Scopus,			
Humanities International Complete, Dare			
Database - International Social Sciences			
Directory, EBSCO host, etc.)			
Monographs			
Chapter in Books			
Books Edited			
Books with ISBN/ISSN numbers with details of			
publishers			
Citation Index			
SNIP			
SJR			
Impact factor			
h-index			

Q. No.	Information required			Deta	ils				
20	Areas of Consultancy and	Nil							
	income generated								
21	Faculty as members in	Nat	ional	Internat	ional	Editorial			
		comn	nittees	Commi	ttees	Boards			
		N	Vil	Nil		Nil			
	<b>Faculty Recharging Strategies</b>	_			_				
	• Conducting in house faculty do	evelopme	nt progr	ams					
	Permitting faculty development program in other institutions								
	Permitting faculty to conduct/ participate/ presenting/chair seminars/ conferences/ training programs/ workshops/exhibitions both in house and other institutions								
	• Facilitate to interact with subje	ect exper	t both in	house and	other in	nstitutions			
	• Faculty encouraged to particip	ate in Yo	ga classo	es in house					
	Student Projects         2009-10         2010-11         2011-12         2012-13         2013-14								
22	Percentage of students who 3 1 5 5 -								
	have done in-house projects								
	including inter								
	departmental/programme								

# 23. Awards / Recognitions received by faculty and students

Faculty: Nil

#### **Students**

S. No.	Year	Gold Medals			4	Total:	Ranks
		UG	PG	M. Phil.	UG	PG	M. Phil.
1	2009-10	1	1	_	2	10	-
2	2010-11			-	1	4	-
3	2011-12		1	-	-	5	-
4	2012-13			-	-	-	-

# 24. List of eminent academicians and scientists / visitors to the department

Year	Special Lectures	Name of the External Experts
	Advances in Clinical	Dr. Suryavathana, M.Sc., M.Phil., Ph.D, Dept of Biochemistry,
2009-10	Biochemistry and Opportunities	Periyar University, Salem, TamilNadu
2009-10	Application of Nanotechnology	Dr.Nazhini, M.Sc., M.Phil., Ph.D, Dept of Foodscience, Periyar
	in Bioscience	University, Salem, TamilNadu.
	Bioinformatics	Dr.D.Victor Arokia Doss,PSG College, Covai
2010-11	Opportunities of Biochemistry	Dr.T.Palvannan
		Dept of Biochemistry, Periyar University, Salem, TamilNadu
0010 14	Diabetes Mellitus	Dr.SaravanaGanesan, Director
2013-14		Nanolab, Namakkal



# 25. Seminars/ Conferences/Workshops organized & the source of funding

- a) National
- b) International

Year	Name of the seminar/ Workshop organized by the department	Date	Number of participants	Source of funding	Seminar workshop outcome
2009- 2010	National Conference on "Advancement in Transgenic Technology (ADTGT'09)	23.09. to 25.09.09	300		To create awareness about the transgenic technology among the students
2009- 2010	Workshop on "Agri Biotechnology for healthy environment, rural development and employment" (State Level)	05.03.10 to 06.03.10	413	DBT for Rs.0.6 lakshs	Trained farmers, unemployed youth and students on biofertilizer, vermin, composting and mushroom cultivation
	National level Symposium on "medicinal plants & traditional medicines for human welfare"	10-12 <sup>th</sup> Mar'2010	250		Focused on medicinal plants & traditional medicines.
	National Seminar on " Implication of Biotechnology in Folklore medicine"	08.12.10 to 09.12.10	250		To Create awareness on Folklore medicine and biotechnological approaches in conservation
2013- 2014	International symposium "Biomillineum", Biosciences research for present and future	08.11.13	300		To Create an awareness on biosciences research among the students community
	National Exhibition	28.2.14	620	TNSTC RS. 20,000/-	Padma Shri Dr. T. Venkadapaty Reddiar, Puducherry
	Lab Training Workshop	28.2.14 to 13.3.14	126		Dr. Vivek Murali

### 26. Student profile programme/course wise:

Year	Name of the			Enrolled		centage
	Course	Received	Male	Female	Male	Female
2009-10	B. Sc.,	-	-	_	_	_
	M. Sc.,	17	-	17	_	96
	M. Phil.	-	-	-	-	100
	B. Sc.,					100
2010-11	M. Sc.,	10		10		88.2
	M.Phil.					-
	Ph. D.					1
0011 10	B. Sc.,					_
2011-12	M. Sc.,					100
	M.Phil.					-
	Ph. D.					-
	B. Sc.,	45		42		-
2012-13	M. Sc.,					-
	M.Phil.					-
	Ph. D.					-
2013-14	B. Sc.,					-
	M. Sc.,					-
	M.Phil.					-
	Ph. D.					-

### 27. Diversity of Students admitted

Courses	% of students from the state	% of student from other state	% of students from Abroad				
	200	9-10					
UG							
PG	15	82					
M. Phil.	3.8	66.6					
	201	l <b>0-11</b>					
UG							
PG	60	40					
	2012-13						
UG	97.9	2.1					

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.?

### 29. Student progression

Student Descression	Against % enrolled					
Student Progression	2009-10	2010-11	2011-12	2012-13	2013-14	
UG to PG (%)	17	80	-	-	-	
PG to M. Phil. (%)	_	_	_	20	-	

#### 30. Details of Infrastructural facilities

Information required		Details		
Library	Central	Books	981	
	library	Magazine	5	
		Projects	304	
		CD	5	
		Journal	21	
	Department	Books	_	
	library	Projects	-	
		CD	-	
Internet facilities for staff &		1		
students				
Total number of class rooms	3			
Class rooms with ICT facilities	1			
Student's laboratories	1			
Research laboratories	-			

# 31. Number of students receiving financial assistance from college, university, government or other agencies: Nil

### 33. Teaching methods adopted to improve student learning

- Teaching by the staff using black board, over head projector, power point presentation
- Students seminar by using black board, over head projector, power point presentation with the help of teacher
- Poster presentation by the students with the help of teacher
- Skit play in groups each unit by the students with the help of teacher
- Model preparation in groups for each units with help of teacher
- Extension of each unit in the society from where the students through skit play, awareness talk, meetings, etc.

# 34. Participation in Institutional Social Responsibility (ISR) and Extension activities

Department's students are part of

# VIVEKANANDHA COLLEGE OF ARTS AND SCIENCES FOR WOMEN (AUTONOMOUS) SELF STUDY REPORT

- National Service Scheme (NSS)
- Youth Red Cross (YRC)
- Red Ribbon Club (RRC)
- Consumer Awareness Club
- Women's Development Cell
- Technocrazy –Department Association

The activities are as follows

#### **Consumer Awareness Club Activies**

 Consumer Awareness rally organized by our college Consumer club on 24.12.2013. It was coordinated by Mr.K.Panneer selvam, Asst Prof., and Department of Biochemistry. 30 student of UG has participated in the rally

### 35. SWOC analysis of the department and Future plans

STRENGTH	WEAKNESS
<ul> <li>Qualified and well experienced</li> </ul>	Staff stability
faculty members	
• Well equipped Digital Library.	
OPPORTUNITY	CHALLENGES
• After UG, Students have the	High competition, Creating
Opportunity to select the	awareness among the students
various fields for their higher	
studies.	
• Students have the wide	
Opportunity for Government	
Job.	
• Students can do research work	
with fund	

- FUTURE PLANS
- To develop department into specialized research center for biofuel
- Evolve students to join nationally and internationally reputed organizations
- Encourage students to conduct research for sustainable development of human beings
- Develop students to publish papers in highly reputed journals
- Evolve patentable work for future human needs

# DEPARTMENT OF BIOTECHNOLOGY

Q. No.	Information required	Details			
1	Name of the department	BIOTECHNOLOG	<del>}</del> Y		
2	Year of establishment	B. Sc.	1995-1996		
		M. Sc.	1999-2000		
		M. Phil.	2002-2003		
		Ph. D.	2002-2003		
3	Programmes / courses offered	B.Sc. Biotechnolo	ogy		
	(UG, PG, M.Phil., Ph.D.,	M.Sc. Biotechnol	ogy		
	Integrated Masters;	M. Phil. Biotechn	nology		
	Integrated Ph.D., etc.)	Ph. D. Biotechno	logy		
4	Names of Interdisciplinary	Nil			
	courses and the				
	departments/units involved				
5	Annual / Semester / Choice	UG and PG	Semester pattern and Choice		
	Based Credit Systems		Based Credit System –		
			Annual pattern and Choice		
		M. Phil. and	Based Credit System		
		Ph. D.			
6	Participation of the department	Courses	Department		
	in the courses offered by other				
	departments	B. Sc Allied	Biochemistry		
			Computer Science		
		B.ScLanguage	English, Tamil		
		B. Sc. Non Major	Microbiology, Mathematics		
		Elective	and all other departments		
		B. Sc. Skill Based	Business Administration		
		Elective	and all other departments		
		M. Sc. Elective	Mathematics, Biochemistry		
		and Extra	and Microbiology		
		disciplinary course	and microbiology		
		Add-on-Course	All UG and PG Departments		
		nud on course	mi od and i d bepartments		
7	Courses in collaboration with				
	other universities, industries,	NIL			
	foreign institutions, etc	IVIL			
8	Details of courses/programmes				
	discontinued (if any) with	Integrated Biotechnology			
	reasons				

# 9. Number of Teaching Posts Sanctioned and Filled

Designation	Sanctioned	Filled
Professor	1	1
Associate Professor	3	3
Assistant Professor	5	5

# 10. Faculty Profile

Name	Qualification	Designation	Specialization	Experience (years)	No. of Ph.D. Students guided for the last 4 years
Dr. L. R. Gopinath	M. Sc., Ph. D.	Professor and	Environmental	8 + (6 Years	8 Ph. D.
		Head	Biotechnology and	Research	Under
			Policy Research	Experience)	Process
Dr. S. Geethanjali	M. Sc., M. Phil., Ph. D.	Asso. Professor	Enzymology	9	
Dr. S. G. Prabhakaran	M. Sc., M. Phil.,	Asso. Professor	Molecular Systems	8	
	Ph. D.,		Biology and Medical		
			Biotechnology		
Dr. R. Amutha	M.Sc., Ph.D.	Asso. Professor	Bacteriology	8	
Mr. K. Mahesh	M.Sc., M. Phil., DISM.	Assi. Professor	Environmental	13	
			Biotechnology		
Mrs. K. E. Poorni	M.Sc., M. Phil., PGDBI.	Assi. Professor	Cancer Biology	10	
Mrs. M. Virgin Nisha	M.Sc., M.Sc.,	Assi. Professor	Bioprocess	3	
	M. Phil.		Technology		
Mrs. S. Kalaivani	M.Sc., M. Phil., DOA.	Assi. Professor	Plant Biotechnology	6	
Ms. S. Vijaya	M. Tech.,	Assi. Professor	Enzyme Technology	1	

Q. No.	Information required			Details			
11	List of senior visiting faculty	2					
12	Percentage of classes taken by temporary Faculty	Nil					
13	Student-Teacher Ratio	B. S	c.	M. Sc.	M. Phil.	Ph. D.	
	(Programme-wise)	20:1		15:1	3:1	7:1	
14	Number of academic support	S	Sanct	ioned	Filled		
	staff and administrative staff sanctioned and filled		3		3		
15	Qualifications of teaching faculty with DSc/D.Litt/Ph.D/MPhil/ PG.	Please refer S. No. 10				No. 10	
	<b>Diversity of Staff Percentage of facult</b>	ty who	are g	raduates			
	Of the same parent University		3 out of 9				
	From other Universities within the State			8 and One from Jawaharlal Nehru			
				University			
	Number of Faculty who were		2				
	awarded Ph.D., D.Sc., and D.Litt.,						
	during the assessment Period						

# VIVEKANANDHA COLLEGE OF ARTS AND SCIENCES FOR WOMEN (AUTONOMOUS) SELF STUDY REPORT

### 16. Number of Faculty with On-going projects

S. No.	Name of the	National/	Funding	Grants
	Faculty	International	agency	received
1	Dr. L. R. Gopinath	National	UGC South	2,17,000.00
				(Sanctioned)

# 17. Department Projects Funded by DST-FIST, DBT, ICSSR, etc., and total grants received

Ni1

### 18. Research Centre /facility recognized by the University

Department is recognized for both M. Phil. and Ph. D. Research where separate research laboratory is available with Plant Tissue culture, Bioprocess, Microbial and Molecular biology laboratory facilities some of the major instruments are listed below.

S. No.	List of major instruments
1	Plastosuperspin Cooling centrifuge
2	Remi Cooling Centrifuge
3	ELISA Microplate Reader
4	Electronic balance with wind shield (Shimadzu)
5	Gel documentation unit
6	Olympus Trinocolor microscope
7	PCR Mini cycler with Hot bonnet
8	UV-VIS spectrophotometer – Spectronics – Genesys
9	High Performance Liquid Chromatography
10	Fermentor
11	Sonicator
12	Gas Chromatography
13	Cold room

# VIVEKANANDHA COLLEGE OF ARTS AND SCIENCES FOR WOMEN (AUTONOMOUS) SELF STUDY REPORT

### 19. Publication

Information required	Deta	Details	
Publication per faculty	7		
Number of papers published in peer reviewed	International	National	
journals (national /international) by faculty and students	34	23	
Number of publications listed in International Database	35	23	
(For Eg: Web of Science, Scopus, Humanities			
International Complete, Dare Database -			
International Social Sciences Directory, EBSCO host,			
etc.)			
Chapter in Books	1		
Books Edited			
Citation Index	6.31+0.73+1.73+0.38	8+1.73+1.78	
SNIP	2.442+0.793+0.513		
SJR	2.5+0.33+0.43+0.92+0.068+0.38+0.39		
Impact factor	5.6+1.6+1.5+0.6+0.6+0.8+2.1+1.6+1.		
	5+2.1		
h-index	77+30+16+27+25+15	5+6+4	

S. No.	Information required	Details				
20	Areas of Consultancy and income generated	<ul> <li>Policy Research and Rs. 1,00,00,000</li> <li>Free consultancy is given to the neighboring community and students on biotechnology enterprises</li> </ul>				
21	Faculty as members in	comn	ional nittees Jil	Internat Commi		Editorial Boards
	Faculty Recharging Strategies	<ul> <li>Nil Nil 3</li> <li>Conducting in house faculty development programs</li> <li>Permitting faculty development program in other institutions</li> <li>Permitting faculty to conduct/ participate/ presenting/chair seminars/ conferences/ training programs/ workshops/exhibitions both in house and other institutions</li> <li>Facilitate to interact with subject expert both in house and other institutions</li> <li>Faculty encouraged to participate in Yoga classes in house</li> </ul>				
	Student Projects	2009-10	2010-11	2011-12	2012-13	3 2013-14
22	Percentage of students who have done in-house projects including inter departmental/programme	10	3	5	26	4

### 23. Awards / Recognitions received by faculty and students

### **Faculty**

- 1. Dr. L. R. Gopinath, Head, Department of Biotechnology honored with GLOBAL EXCELLENCE AND PRIDE AWARD by Pollywood star media NET and Grossen in 2012 on Dr. Manmohan Singh,s Birthday celebration by Honorable Dr. S. H. Beni Prasath Verma, Cabinet Minister-Steel Industry
- 2. Dr. L. R. Gopinath, Professor and Head, Department of Biotechnology honored with "DYNAMIC YOUTH AWARD" by Pollywood star media NET and Grossen in 2013 on Shri. Rahul Gandhi Birthday by Sh. Jai Prakash Agarwal Honorable Chairman, Lok Saba Housing Committee.

#### Students

- 1. Ms. B. Jayanthi, Dr. Vivekanandha Endowment Award for best Student of the Department 2011.
- 2. Ms. D. Divya, Dr. Vivekanandha Endowment Award for best Student of the Department 2012
- 3. Mr. V. Allimuthu, Dr. Radhakrishnan Award (Best Teacher in the State) 2012.
- 4. Ms. S. Archaya, Ph. D. Scholarship from TNDCE 2012
- 5. Ms. D. Divya, DST, Inspire Fellowship for Ph. D. 2012
- 6. Ms. S. Archaya, Dr. Vivekanandha Endowment Award for best Student of the Department 2013.
- 7. Ms. V. Mythily, Dr. Vivekanandha Endowment Award for best Student of the Department 2014.

S. No.	Year	Gold Medals			Total Ranks		
		UG	PG	M. Phil.	UG	PG	M. Phil.
1	2009-10	-	2	_	3	11	2
2	2010-11	-	1	_	3	9	-
3	2011-12	-	1	_	1	6	2
4	2012-13	-	1	_	2	10	-



# 24. List of eminent academicians and scientists / visitors to the department

Year	Special Lectures	Name of the External Experts
	Plant, Genetic	Dr. P.Venkatachalam, Asst Professor, Periyar
	Engineering Application	University, Salem
2009-10	and Future Prospects	
	Cancer Proteomics	Dr. S.Kannan, Professor, Bharathiyar University,
		Coimbatore
	Students counseling	Mr. S. Ram, Director, SriRam Institute New Delhi.
2010-11	Bioprocess Technology	Dr. S.Sivapathasekar, Senior Scientist in Biocon,
		Bangalore
	Bt cotton	Dr. M.S.Shivakumar, Asst Professor, Department of
		Biotechnology,
2012-13		Periyar University, Salem
	Global Warming	Mr. K. Naveen
	_	Senior Research Fellow, Veternary College, Namakkal
	Status of <i>Bt</i> Brinjal in	Dr. M.S.Sivakumar, Asst Professor in Biotechnology,
	India	Periyar University, Salem
	Energy Conservation for	Mr. V. Naveen, Research Associate, Department of
	combating Global	Veterinary and Animal Sciences, Veterinary College and
	Warming.	Research Institute, Namakkal
	Trends in Biotechnology	Dr. S. B. Anand, Asst Professor, Department of Genetic
		Engineering Madurai Kamaraj University.
	Current Scenario in Plant	Mr. M. Senthil Kumar, Research Scholar, Dept of
	Tissue Culture	Environmental Science, Institute of Shanthi Nikethan,
		Kolkata. Pin:731235
	Nanoscience and	Dr. K. Premkumar. M. Sc., Ph. D., Assistant Professor,
	Nanomedicine	Department Of Biomedical Sciences, School Of Life
		Sciences, Bharathidasan University, Tiruchirappali
	Microarray	Mr. Vivek Murali, Founder, Chief Operating & Scientific
2013-14		Officer, Remura Biologicals, Krishnagiri
		Prof. Toshiaki Kambe, Ph.D.
		Tsukuba University, Japan.
		Dr. S. Kannan, M.Sc., Ph.D
		HOD, Zoology, Periyar University, Salem.
		Dr. M. K. Gowthaman, M.Sc. M.Phil. Ph.D.
		Head Biotechnology, CLRI, Chennai.
		Dr. P. Sundar Raj, M.S. Ph.D.
		Professor Department of Zoology,
		Bharathiyar University, Coimbatore.  Dr. G. Gangathara Prabu, M.Sc., M.Phil., Ph.D.
		Director Kodai Darwin Institute of Research and
		Technology, Kodaikanal, TN.
		Dr. T.S. Gnanendra, M.Sc., M.Phil., Ph.D.
		Data Mining and Text Mining Laboratory Department
		of Bioinformatics, Bharathiyar University, Coimbatore
		of Diofficialics, Bharathiyar University, Colmoatore



# 25. Seminars/ Conferences/Workshops organized & the source of funding

- a) National
- b) International

Year	Name of the seminar/ Workshop organized by the department	Date	Number of participants	Source of funding	Seminar workshop outcome
2009-	National Conference on "Advancement in Transgenic Technology" (ADTGT'09)	23.09.09 to 25.09.09	300		To create awareness about the transgenic technology among the students
2009-	Workshop on "Agri Biotechnology for healthy environment, rural development and employment" (State Level)	05.03.10 to 06.03.10	413	DBT for Rs.0.6 lakhs	Focused on practical training to the farmers, unemployed youth and students on biofertilizer, vermin, composting and mushroom cultivation
	National level Symposium on "medicinal plants & traditional medicines for human welfare"	10-12 <sup>th</sup> Mar'10	250		Focused on medicinal plants & traditional medicines.
	National Seminar on "Implication of Biotechnology in Folklore medicine"	08.12.10 to 09.12.10	250		To Create awareness on Folklore medicine and biotechnological approaches in conservation
2013- 2014	International symposium "Biomillineum", Biosciences research for present and future	08.11.13	300		To Create an awareness on biosciences research among the students community
	National Exhibition	28.2.14	620	TNSTC RS. 20,000/-	Padma Shri Dr. T. Venkadapaty Reddiar, Puducherry
	Lab Training Workshop	28.2.14 to 13.3.14	126		Dr. Vivek Murali

# VIVEKANANDHA COLLEGE OF ARTS AND SCIENCES FOR WOMEN (AUTONOMOUS) SELF STUDY REPORT

# 26. Student profile programme/course wise:

Year	Name of	Applications	Enrolled		Pass	
	the	Received			Percentage	
	Course		Male	Female	Male	Female
2009-10	B. Sc.,	50		46		96.2
	M. Sc.,	30		29		70.5
	M. Phil.	9		9		100
	B. Sc.,	29		25		81.5
2010-11	M. Sc.,	18		17		93.1
	M.Phil.	7		5		100
	Ph. D.	3	1	2	NA	NA
	B. Sc.,	56		42		87.23
2011-12	M. Sc.,	30		29		97.8
	M.Phil.	11		10		100
	Ph. D.	4	1	3	NA	NA
	B. Sc.,	55		47		92
2012-13	M. Sc.,	24		24		96.5
	M.Phil.	7		7		83
	Ph. D.	1		0	NA	NA
2013-14	B. Sc.,	33		28		NA
	M. Sc.,	10		8		NA
	M.Phil.	5		5	NA	NA
	Ph. D.	1		0	NA	NA

## 27. Diversity of Students admitted

Year	Name of the course						
	UG	PG		M. Phil.		Ph. D.	
	% of	% of	% of	% of	% of	% of	% of
	students	students	students	students	students	students	students
	from the	from the	from the	from the	from the	from the	from the
	state	college	state	college	state	college	state
2009-10	91.30	24.14	93.10	33.33	100.00	0.00	100.00
2010-11	84.00	29.41	94.44	80.00	100.00	33.33	100.00
2011-12	83.33	48.28	96.55	70.00	100.00	50.00	100.00
2012-13	91.67	83.33	95.83	42.86	85.71	100.00	50.00
2013-14	93.10	50.00	87.50	20.00	100.00	100.00	100.00

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						
Student Flogression	2009-10	2010-11	2011-12	2012-13	2013-14		
UG to PG (%)	81.67	78.57	65.22	40			
PG to M. Phil. (%)	5.95	16.28	10.71	5.56			
PG to Ph. D.	2.3	6.98	6.89				
Ph. D. Post-Doctoral							
Employed							
<ul> <li>Campus selection</li> </ul>							
<ul> <li>Other than campus</li> </ul>							
recruitment	13.33	9.52	2.82				
Entrepreneurship/Self- employment							

#### 30. Details of Infrastructural facilities

Information required	Details				
Library	Central	Books	2178		
	library Magaz		18		
		Projects	999		
		CD	15		
		Journal	National - 35		
			International - 07		
	Department	Books	182		
	library	Projects	-		
		CD	10		
Internet facilities for		18			
staff & students					
Total number of class		5			
rooms					
Class rooms with ICT	Nil				
facilities					
Student's laboratories		2			
Research laboratories	1				

# 31. Number of students receiving financial assistance from college, university, government or other agencies

Number of Students	2009-10	2010-11	2011-12	2012-13	2013-14
College	13	-	-	1	-
	(Rs. 1,25,000)			(Rs. 24,000)	
Government				2	2
				(Rs. 3 lackhs)	(Rs. 3 lackhs

### 33. Teaching methods adopted to improve student learning

- Teaching by the staff using black board, over head projector, power point presentation
- Students seminar using black board, over head projector, power point presentation with the help of teacher
- Poster presentation by the students with the help of teacher
- Skit play in groups each unit by the students with the help of teacher
- Model preparation in groups for each units with help of teacher
- Extension of each unit in the society from where the students through skit play, awareness talk, meetings, etc.

# 34. Participation in Institutional Social Responsibility (ISR) and Extension activities

Department's students are part of

- National Service Scheme (NSS)
- Youth Red Cross (YRC)
- Red Ribbon Club (RRC)
- Consumer Awareness Club
- Women's Development Cell
- Technocrazy -Department Association

The activities are as follows

#### **Consumer Awareness Club Activies**

 Consumer Awareness rally organized by our college Consumer club on 24.12.2013. It was coordinated by Mrs. Kalaivani.S, Asst Prof., and Department of Biotechnology. 30 student of both UG and PG has participated in the rally

#### **Technocrazy Activities**

- Organ awareness camp on 15.06.2010 at Department of Biotechnology, Vivekanandha College of Arts and Sciences for Women (Elayampalayam)
- Blood donation camp on 09.07.2010 at Department of Biotechnology, Vivekanandha College of Arts and Sciences for Women (Elayampalayam)
- Vermi compost training program at Department of Biotechnology,
   Vivekanandha College of Arts and Sciences for Women (Elayampalayam)
- Mushroom cultivation, Department of Biotechnology,
   Vivekanandha College of Arts and Sciences for Women (Elayampalayam)
- Azolla cultivation on 20.08.2013 (20 days), Department of

# VIVEKANANDHA COLLEGE OF ARTS AND SCIENCES FOR WOMEN (AUTONOMOUS) SELF STUDY REPORT

Biotechnology, Vivekanandha College of Arts and Sciences for Women (Elayampalaya)

- Visit to Hematology Lab, Vivekanandha Medical Care Hospital (VMCH) on 18.12.2013to impart the basic knowledge and importance of clinical laboratory diagnosis. Eight students from I M.Sc Biotechnology participated in the program. The program was coordinated by Mr. K. Mahesh, Assistant Professor in Biotechnology
- Awareness program on Organic farming on 22.02.2014. Power point presentation was done by Ms. M. Saranya and S. Thangamani of III B.Sc Biotechnology. Skid play on Organic farming was done by A.X. Catherine Julie Caroline., A. Revathi, S. Divya Bharathi, C. Kiruthika, N. Arthi, G. Abirami, S. Nandhini, R. Kirubasri and K. Gowsalya
- Field visit for Awareness on biodiversity conservation and solar energy production. Coordinated by Dr. L.R.Gopinath, Head, Department of Biotechnology

### 35. SWOC analysis of the department and Future plans

STRENGTH	WEAKNESS
Qualified and well experienced faculty members	Staff stability
Well equipped Digital Library.	
OPPORTUNITY	CHALLENGES
After UG,Students have the Opportunity to select the	High competition,
various fields for their higher studies.	Creating awareness
• Students have the wide Opportunity for Government	among the students
Job.	
Students can do research work with fund	

#### **FUTURE PLANS**

- To develop department into specialized research center for biofuel and biotechnology center
- Evolve students to join nationally and internationally reputed organizations
- Encourage students to conduct research for sustainable development of human beings
- Develop students to publish papers in highly reputed journals
- Evolve patentable work for future human needs



# DEPARTMENT OF BOTANY

Q. No.	Information required		Details	
1	Name of the department	BOTANY	Decans	
	•	B. Sc.	2004 – 2005	
2	Year of establishment	M. Sc.	2004 - 2005	
		M. Phil.	2009-2010	
		Ph. D.	2009-2010	
3	Programmes / courses offered	B.Sc., Botany		
		M.Sc., Botany		
		M. Phil., Botany (FT		
4	Names of Intendicabilities	Ph. D., Botany (FT o	% P1)	
4	Names of Interdisciplinary	INII		
	courses and the			
_	departments/units involved	110 1 00		
5	Annual / Semester / Choice	UG and PG M. Phil.	Semester pattern and Choice Based Credit System	
	Based Credit Systems	Ph. D.	Annual pattern and Choice Based	
		тп. Б.	Credit System	
6	Participation of the department	Courses	Department	
	in the courses offered by other	B. Sc Allied	Zoology	
	departments	B.ScLanguage	English, Tamil, Hindi	
		B. Sc. Non Major	Sericulture	
		Elective	Apiculture	
		B. Sc. Skill Based &	Horticulture and Nursey	
		Elective	Management	
			Plant biotechnology and tissue	
			culture	
			Microscopy and Micro technique	
			• Fundamentals of computer applications	
			Microbiology	
			Medicinal botany	
			Biofertilizers and Organic farming	
			Plant pathology, Plant protection	
			and Plant breeding	
		M. Sc. Elective and	Sericulture	
		Extra disciplinary course	Apiculture	
		Add-on-Course	Mushroom Cultivation	
7	Courses in collaboration with			
•		NIL		
	other universities, industries,	NIL		
0	foreign institutions, etc			
8	Details of courses/programmes		NIII	
	discontinued (if any) with		NIL	
	reasons			



# 9. Number of Teaching Posts Sanctioned and Filled

	Sanctioned	Filled
Designation		
Associate Professor	2	2
Assistant Professor	6	6

# 10. Faculty Profile

Name	Qualification	Designation	Specialization	Experience (years)	No. of Ph.D. Students guided for the last 4 years
Mr. R. Prabakaran	M.Sc., M.Phil.	Associate Professor/ HOD	Taxonomy, Ethanobotany & Biotechnology	10 years	-
Mr. S. V. Rajesh	M.Sc., M.Phil.	Associate Professor	Phytochemistry & Pharmacognosy	10 years	-
Mrs. D. Revathi	M.Sc., M.Phil.	Assistant Professor	Taxonomy & Biochemistry	7 years	-
Dr. S. Senthilkumar	M.Sc., M.Phil., PhD.	Assistant Professor	Ecology, Microbiology & Biotechnology	3 years	-
Dr. M. Periyasamy	M.Sc., M.Phil. PhD.	Assistant Professor	Environmental Biology & Medicinal Botany	2 Years	-
Ms. K. Prabha	M.Sc., M.Phil.	Assistant Professor	Phycology & Mycology	2 Years	-
Mrs. A. Abisha	M.Sc., M.Phil.	Assistant Professor.	Microbiology & Biotechnology	11/2 Years	-
Ms. M. Kavitha	M.Sc., M.Phil.	Assistant Professor	Microbiology & Cell Biology	1 year	_

Q. No.	Information required Details				
11	List of senior visiting faculty	<b>y</b> 2			
12	Percentage of classes taken by temporary Faculty	Nil			
13	Student-Teacher Ratio (Programme-wise)	B. Sc.	M. Sc.	M. Phil.	Ph. D.
		20:1	15:1	1:3	1:3
14	Number of academic support staff and Sanctioned				lled
	administrative staff sanctioned and filled		2		2
15	Qualifications of teaching faculty with	Please refer S. No. 10			
	D.Sc./D.Litt/Ph.D./M.Phil./PG.				
	Diversity of Staff Percentage of faculty who are graduates				
	Of the same parent University 3				
	From other Universities within the State  Number of Faculty who were awarded Ph.D., D.Sc., and D.Litt., during the assessment Period				

### 16. Number of Faculty with On-going projects

S.	Name of the	National/	Funding	Grants
No.	Faculty	International	agency	received
1	Mr.S.V.Rajesh	National	UGC South	2,17,000.00
				(Sanctioned)
2	Mr.R.Prabakaran		Vivekanandha	50,000
		_	management	30,000

# 17. Department Projects Funded by DST-FIST, DBT, ICSSR, etc., and total grants received

Ni1

### 18. Research Centre /facility recognized by the University

Department is recognized for both M. Phil. and Ph. D. Research where separate research laboratory is available with Algal Culture, Floristic laboratory with Plant identification facility and Germplasm (seed) conservation and Herbal Garden. Some of the major instruments are listed below.

S. No.	List of major instruments
1	Photo micrographic unit
2	High speed and Cooling Centrifuge
3	Orbital shaker
4	Gel documentation unit
5	Olympus Trinocular microscope
6	PCR Mini cycler with Hot bonnet
7	UV-VIS spectrophotometer
8	Electrophoresis
9	Microtome
10	Flame photo meter
11	Oxygen Analyzer



### 19. Publication

		Details		
required				
Publication per faculty	4.6			
Number of papers	Name	International	National	
published in peer	Mr.R.Prabakaran	13	01	
reviewed journals	Mr.S.V.Rajesh	04	-	
(national /international) by	Dr.S.Senthilkumar	8	07	
faculty and students	Dr.M.Periyasamy	06	-	
	Ms.K.Prabha	02	-	
	Mrs.A.Abisha	01	-	
Number of publications listed in	Number of publications listed in International Database (For			
Eg: Web of Science, Scopus	s, Humanities			
International Complete, Dar	34	8		
Social Sciences Directory, EBS				
Monographs	-			
Chapter in Books		-		
Books Edited		-		
Books with ISBN/ISSN numbers	Books with ISBN/ISSN numbers with details of publishers			
Citation Index	0.2			
SNIP	-			
SJR	-			
Impact factor	0.06-0.9			
h-index				

S. No.	Information required		Details				
20	Areas of Consultancy and income generated	Free consultancy is given for Plant identification for other college students and medical practitioners.					
21	Faculty as members in	Natio commi Ni	ttees	International Committee Nil		litorial oards Nil	
	Faculty Recharging Strategies	<ul> <li>Permitting faculty development program in other institutions</li> <li>Permitting faculty to conduct/ participate/ presenting/chair seminars/ conferences/ training programs/ workshops/exhibitions.</li> <li>Facilitate to interact with subject expert in other institutions</li> </ul>					
	Student Projects	2009-10	2010-11	2011-12	2012-13	2013-14	
22	Percentage of students who have done in-house projects including inter departmental/programme	24	25	30	27	30	

### 23. Awards / Recognitions received by faculty and students

### Faculty:

Nil

#### **Students:**

- 1. Ms. K. Saritha devi, of B.Sc., Botany received Dr. Devatha Endowment Award for best Student of the Department 2010.
- 2. Ms. K. Saritha devi, of B.Sc., Botany received Rasappa gounder and Pavayammal Endowment Award for best Student of the Department 2010.
- 3. Ms. G. Gayathri, of M.Sc., Botany received Rasappa gounder and Pavayammal Endowment Award for best Student of the Department 2010.
- 4. Ms. G. Gayathri, of M.Sc., Botany received Dr. Devatha Endowment Award for best Student of the Department 2010.
- 5. Ms. S. Shyamala, of M.Phil., Botany received Rasappa gounder and Pavayammal Endowment Award for best Student of the Department 2010.
- 6. Ms. S. Shyamala, of M.Phil., Botany received Dr. Devatha Endowment Award for best Student of the Department 2010.
- 7. Ms. Takhelmayum Anusaya, of M.Sc., Botany received Rasappa gounder and Pavayammal Endowment Award for best Student of the Department 2011.
- 8. Ms. Takhelmayum Anusaya, of M.Sc., Botany received Dr. Devatha Endowment Award for best Student of the Department 2011.
- 9. Ms. A. Hemalatha, of M.Sc., Botany received Rasappa gounder and Pavayammal Endowment Award for best Student of the Department 2012.
- 10. Ms. A. Hemalatha, of M.Sc., Botany received Dr. Devatha Endowment Award for best Student of the Department 2012.

# VIVEKANANDHA COLLEGE OF ARTS AND SCIENCES FOR WOMEN (AUTONOMOUS) SELF STUDY REPORT

- 11. Ms. V. Darani, of B.Sc., Botany received Rasappa gounder and Pavayammal Endowment Award for best Student of the Department 2013.
- 12. Ms. V. Darani, of B.Sc., Botany received Dr. Devatha Endowment Award for best Student of the Department 2013.

#### **Students**

S. No.	Year	Gold Medals				Total	Ranks
		UG	PG	M. Phil.	UG	PG	M. Phil.
1	2009-10	1	1	1	1	05	03
2	2010-11	-	1	-	2	05	04
3	2011-12	-	1	-	-	06	02
4	2012-13	1	1	-	03	09	2
5	2013-14	1	1	-	-	9	-

# 24. List of eminent academicians and scientists / visitors to the department

Year	Special Lectures	Name of the External Experts
2009-10	Application of tissue culture in plant improvement	Prof. Dr. M.V. Rao, Professor and Head, Department of Plant Science, Bharathidasan University, Tiruchirappalli.
2010-11	Biodiversity	Dr.C.Kunhi Kannan, Scientist, HOD in Biodiversity Division Institute of Forest Genetics and Tree Breeding, Coimbatore.
"Medicir	"Medicinal Plants and Their Utilization"	Dr. R. Rajavel, CEO, Research Institute of Indian Medicines, Herbalayas, Namakkal.
2012-13	Biodiversity & Conservation	Mr. V. Sundararaju, IFS (Rtd.), District Forest Officer, Govt. of Tamil Nadu.
	Conservation of biodiversity	Dr. S. Sahaya Sathish Associate Professor, Department of Botany, St. Joseph's College, Tiruchirappalli.
	Personality Development	Mrs.M.Arulsubila, Associate Professor, Department of Women Studies, Kajamalai Campus, Bharathidasan University, Tiruchirappalli.
2013-14	"Facing the challenges of life"	Mr.K.R.Radhakrishanan, Asst.Prof. Department of English, VICAS.
	"Biodiversity –An Overview"	Dr. S. Paulsamy, Associate Prof. in Botany, Kongunadu Arts and science college, Coimbatore.
	Organic farming	Mr. N.Balamoorthy Student of Dr.Nammazhvar.
	Phytochemistry	Mr. R. Senthilkumar, Asst. Prof. in Pharmacy, Swamy Vivekanandha College of Pharmacy



## 25. Seminars/ Conferences/Workshops organized & the source of funding

- a) National
- b) International

S.No	Year	Name of the seminar/ Workshop organized by the department	Date	Number of participants	Source of funding	Seminar workshop outcome
1	2009- 2010	National Conference on " Advancement in Transgenic Technology (ADTGT'09)	23.09.2009 to 25.09.2009	300		Awareness about the transgenic technology
2	2009- 2010	Agri Biotechnology (Regional)	05.03.2010 - 06.03.2010	335	DBT for Rs.0.6 lakhs	Awareness about the role of biotechnology in the agriculture
3	2011-2012	Hands on Training on Mushroom cultivation & exhibition on economic botany (Regional)	28.09.2011	600	-	Awareness about mushroom cultivation and role of plants in edible, agriculture and medicinal value
4	2012- 2013	Hands on Training on Horticultural techniques.	12,13.09.2012	800	-	Skills in horticultural techniques.
5	2013-	Mega Science Expo-2013	19 to 21.10.2013	5000	-	To Educate School students with innovative information in Sciences.
6	2014	International symposium "Biomillineum" Biosciences research for present and future	08.11.2013	300	-	Awareness on biosciences research among the students community
7		Workshop on entrepreneur development programme on mushroom cultivation	27 to 30.12.2013	800	-	Awareness about strategies to be followed in mushroom cultivation



#### 26. Student profile programme/course wise:

Year	Name of the	Applications	Enrolled	Pass
	Course	Received		Percentage
	Course	Received	Female	Female
2009-10	B. Sc.,	25	17	100
	M. Sc.,	30	25	96
	M. Phil.	08	05	100
	B. Sc.,	40	35	78
2010-11	M. Sc.,	30	30	96
2010-11	M.Phil.	7	05	100
	Ph. D.	-	-	-
	B. Sc.,	35	30	93
0011 10	M. Sc.,	30	26	80
2011-12	M.Phil.	06	02	100
	Ph. D.	3	1	-
	B. Sc.,	40	37	78
2012-13	M. Sc.,	40	33	96
2012-13	M.Phil.	7	07	100
	Ph. D.	3	2	-
2013-14	B. Sc.,	33	22	100
	M. Sc.,	10	09	97
	M.Phil.	5	02	100
	Ph. D.	1	-	-

#### 27. Diversity of Students admitted

	% of students	% of student	% of students				
Courses	from the state	from other state	from Abroad				
		2009-10					
UG	99	1	Nil				
PG	82	18	Nil				
M. Phil.	100	Nil	Nil				
Ph. D.	Nil	Nil	Nil				
	2010-11						
UG	96	4	Nil				
PG	89	11	Nil				
M. Phil.	100	Nil	Nil				
Ph. D.	Nil	Nil	Nil				
		2011-12					
UG	96	4	Nil				
PG	93	7	Nil				
M. Phil.	100	Nil	Nil				
Ph. D.	100	Nil	Nil				
		2012-13					
UG	97	3	Nil				
PG	83	17	Nil				
M. Phil.	100	Nil	Nil				
Ph. D.	100	Nil	Nil				
		2013-14					
UG	100	Nil	Nil				
PG	77	23	Nil				
M. Phil.	100	Nil	Nil				
Ph. D.	Nil	Nil	Nil				

# 28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.?

- T. Karthiga M.Sc., Botany (2010 2012) cleared Group IV examination in March, 2012.
- R. Rajeswari, M.Sc., Botany (2010 2012) cleared TRB examination.
- S.Shyamala, M.Phil., Botany (2010 2012) cleared TRB examination.

#### 29. Student progression

Student Dueguesian	Against % enrolled						
Student Progression	2009-10	2010-11	2011-12	2012-13	2013-14		
UG to PG (%)	36	7	54	14	89		
PG to M. Phil. (%)	21	16	4	13	7		
PG to Ph. D.	Nil	Nil	Nil	3	Nil		
Ph. D. Post-Doctoral	Nil	Nil	Nil	Nil	Nil		
<ul><li>Employed</li><li>Campus selection</li></ul>	-	-	10	6	1		
<ul> <li>Other than campus recruitment</li> </ul>	22	30	37	25			
Entrepreneurship/Self- employment	_	-	-	-	-		

#### 30. Details of Infrastructural facilities-

Information required		Details	
Library	Central	Books	2178
	library	Magazine	18
		Projects	425
		CD	15
		Journal	National - 35
			International - 07
	Department	Books	435
	library	Projects	-
		CD	10
Internet facilities for		10	
staff & students			
Total number of class		6	
rooms			
Class rooms with ICT		-	
facilities			
Student's laboratories		2	
Research laboratories		1	

### 31. Number of students receiving financial assistance from college, university, government or other agencies

Number of Students	2009-10	2010-11	2011-12	2012-13	2013-14
College	9	4	2	5	8
	(Rs. 40,500)	(Rs.40,500)	(Rs.16,500)	(Rs.38,000)	(Rs.49,000)
University	-	-	-	-	-
Government	7	-	3	-	2
	(Rs.30,461)		(Rs.15,000)		(Rs.1,00,000)
Other agencies	-	-	-	-	-

#### 33. Teaching methods adopted to improve student learning

- Teaching by the staff using chalk and talk method, over head projector and power point presentation.
- Students seminar using black board, over head projector, power point presentation
- Poster presentation by the students
- Model preparation

### 34. Participation in Institutional Social Responsibility (ISR) and Extension activities

Department's students are part of

- National Service Scheme (NSS)
- Youth Red Cross (YRC)
- Red Ribbon Club (RRC)
- Citizen Consumer Club
- Women's Development Cell
- Green Club

#### **Citizen Consumer Club Activities:**

Consumer Awareness rally was organized by our college Citizen
Consumer Club on 24.12.2013. It was coordinated by
Dr.M.Periyasamy, Assistant Professor, Department of Botany.
 30 students of both UG and PG have taken part in the Food
Safety Awareness rally.

• Chart Expo on "Consumer Protection and Awareness" was organized on 15.03.2014 (World Consumer Day) by the Citizen Consumer Club and T.Tulasi (II B.Sc., Botany) won the Ist prize in the chart expo.

#### **Green Club Activities:**

For the upliftment of the students, a club was installed in the department on 29.06.2013 by Mr. B.T. Sureshkumar, Head, and Department of Biosciences. Periodically many programmes were conducted for the benefit of the students

S. No.	Date	Name of the Club Activities	Participati ons
1	29.06.2013	Quiz competition	123
2	13.07.2013	Debate on Natural and Allopathic medication	123
3	17.09.2013	Personality development Program	123
4	16.12.2013	Medical awareness Program	123
5	23.12.2013	Awareness on First aid	123
6	07.09.2013	Quiz competition	123
7	12.10.2013	Drawing competition	123
8	20.01.2014	Legal awareness	123
9	17.02.2014	Mind Block Therapy	123

#### 35. SWOC analysis of the department and Future plans

STRENGTH	WEAKNESS				
• Good infrastructure and well	Classical Subjects				
Equipped Laboratory					
• Well equipped Digital Library.					
• Field visit					
OPPORTUNITY	CHALLENGES				
• Schools	• Updation of curriculum for day				
• Colleges	today life activities and				
<ul> <li>Research institute such as</li> </ul>	opportunities.				
BSI, CDRI, IFGPT, Spices					
Board, Botanical Gardens					
etc.,					
FUTURE PLANS					
• To start the training classes for Indian forest service and training					
for Research institute examinati	ons				

#### DEPARTMENT OF CHEMISTRY

Q. No.	Information required		Details		
1	Name of the department	CHEMISTRY			
2	Year of establishment	B. Sc.	2003-2004		
		M. Sc.	2003-2004		
		M. Phil.	2009-2010		
		Ph. D.	2013-2014		
3	Programmes / courses offered	B.Sc. Chemistry			
	(UG, PG, M.Phil., Ph.D.,	M.Sc. Chemistry			
	Integrated Masters;	M. Phil. Chemistry			
_	Integrated Ph.D., etc.)	Ph. D. Chemistry	Į.		
4	Names of Interdisciplinary	Nil			
	courses and the				
_	departments/units involved	1.00			
5	Annual / Semester / Choice	UG and PG	Semester pattern and Choice		
	Based Credit Systems		Based Credit System –		
		M D1 1 1	Annual pattern and Choice Based		
		M. Phil. and	Credit System		
6	Double inchient of the department	Ph. D.	Donontmont		
6	Participation of the department	Courses	Department 7 - 1 - 2		
	in the courses offered by other departments	B. Sc Allied	Physics, Botany, Zoology & Biochemistry		
	departments	D 0 1	5		
		B.ScLanguage	English, Tamil		
		B. Sc. Non Major	Physics		
		Elective			
		M. Sc., Extra	Physics		
		disciplinary course			
		Add-on-Course	All UG and PG Departments		
7	Courses in collaboration with				
	other universities, industries,		NIL		
	foreign institutions, etc				
8	Details of courses/programmes				
	discontinued (if any) with		NIL		
	reasons				

#### 9. Number of Teaching Posts Sanctioned and Filled

Designation	Sanctioned	Filled
Professor	1	1
Associate Professor	3	3
Assistant Professor	17	17

#### 10. Faculty Profile

Name	Qualification	Designation	Specialization	Experience (years)	No. of Ph.D. Students guided for the last 4 years
Dr.V.Jayamani	M.Sc., Ph.D.	Professor	Inorganic Chemistry	35	-
T.S.Sribharathi	M.Sc., M.Phil.,	Asso.Professor	Inorganic Chemistry	08	-
S.P.Saravanan	M.Sc., M.Phil., B.Ed.,	Asso.Professor	Inorganic Chemistry	13	-
R.P.Suresh Jeyakumar	M.Sc., M.Phil., B.Ed.,	Asso.Professor	Physical Chemistry	08	-
M.Vimala	M.Sc., B.Ed.,	Asst.Professor	Organic Chemistry	06	-
M.Nagoor Meeran	M.Sc., M.Phil.,	Asst.Professor	Organic Chemistry	06	-
K.Hamsalatha	M.Sc., M.Phil.,	Asst.Professor	Organic Chemistry	04	-
M.Raziya Banu	M.Sc., M.Phil.,	Asst.Professor	Organic Chemistry	03	-
C.Sowkarthiga	M.Sc., M.Phil.,	Asst.Professor	Inorganic Chemistry	03	-
N.Muthulakshmi	M.Sc., M.Phil.,	Asst.Professor	Inorganic Chemistry	02	
G.Vidhya	M.Sc., M.Phil.,	Asst.Professor	Organic Chemistry	02	•
R.Sangeetha	M.Sc., M.Phil.,	Asst.Professor	Physical Chemistry	01	
N.Valarmathi	M.Sc., M.Phil.,	Asst.Professor	Physical Chemistry	05	•
A.Syedali Rabiya	M.Sc., B.Ed	Asst.Professor	Inorganic Chemistry	01	-
M. Narmadha	M.Sc., M.Phil.,	Asst.Professor	Inorganic chemistry	-	-
R.Nithya	M.Sc., M.Ed.,	Asst.Professor	Physical Chemistry	-	-
P. Priya	M.Sc.,	Asst.Professor	Inorganic chemistry	-	-
P.Shanmugapriya	M.Sc.,	Asst.Professor	Physical Chemistry	2	-
A.Sudha	M.Sc., M.Phil.,	Asst.Professor	Organic chemistry	2	-
Sharmila	M.Sc., M.Phil.,	Asst.Professor	Organic chemistry	5	

Q. No.	Information required		De	tails	
11	List of senior visiting		]	Nil	
	faculty				
12	Percentage of classes taken by temporary Faculty	Nil			
13	Student-Teacher Ratio	B. Sc. M. Sc. M. Phil. Ph. D.			Ph. D.
	(Programme-wise)	20:1	15:1	3:1	-
14	Number of academic support	Sanctioned Filled			led
	staff and administrative staff sanctioned and filled	4 4			1
15	Qualifications of teaching	P1	ease refe	er S. No.	10
	faculty with DSc/ D.Litt/				
	Ph.D/ MPhil / PG.				
	<b>Diversity of Staff Percentag</b>	e of facu	lty who	are grad	luates
	Of the same parent Univers	ity	12		
	From other Universities wit	hin the	9		
	State				
	Number of Faculty who were	Nil			
	awarded Ph.D., D.Sc., and D.Litt.,				
	during the assessment Perio	od			

#### 6. Number of Faculty with On-going projects

S. No.	Name of the Faculty	National/	Funding	Grants
		International	agency	received
1.	T. S. Sribharathi	National	Institutional	50,000.00
2.	S. P. Saravanan	National	Institutional	75,000.00
3.	R.P.Suresh Jeyakumar	National	Institutional	40,000.00

### 17. Department Projects Funded by DST-FIST, DBT, ICSSR, etc., and total grants received

Ni1

#### 18. Research Centre /facility recognized by the University

Department is recognized for both M. Phil. and Ph. D. Research with some of the instruments which are listed below.

S. No.	List of major instruments
1	Spectrophotometer
2	Column Chromatography
3	TLC
4	Vacuum suction
5	Distillation setup

#### 19. Publication

Information required	Details		
Publication per faculty			
Number of papers published in peer reviewed journals (national /international)	International	National	
by faculty and students	3	Nil	
Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)	3	Nil	
Monographs	Nil		
Chapter in Books	Nil		
Books Edited	Nil		
Books with ISBN/ISSN numbers with details of publishers	Nil		
Citation Index	0.48		
SNIP	Nil		
SJR	0.2		
Impact factor	0.4, 5.7		
h-index	4		

Q. No.	Information required	Details					
20	Areas of Consultancy and			Nil			
	income generated						
21	Faculty as members in	Nat	ional	Internat	ional	Editorial	
		comr	nittees	Commit	ttees	Boards	
		ľ	Vil	Nil		Nil	
	Faculty Recharging Strategies						
	Conducting in house faculty development programs						
	Permitting faculty development program in other institutions						
	• Permitting faculty to conduct/	participa	ate/ pres	enting/cha	ir semina	rs/	
	conferences/ training program	is/ works	shops/exi	hibitions bo	oth in hou	se and	
	other institutions						
	• Facilitate to interact with subj	ect exper	t both in	house and	other ins	titutions	
	• Faculty encouraged to particip	ate in Yo	ga classe	s in house			
	Student Projects	2009-10	2010-11	2011-12	2012-13	2013-14	
22	Percentage of students who						
	have done in-house projects	16 60/	10.00/	07.70/	46.00/	42.070/	
	including inter	16.6%	10.2%	27.7%	46.8 %	43.07%	
	departmental/programme						

#### 23. Awards / Recognitions received by faculty and students

#### **Faculty**

#### Nil

#### **Students**

- 1. Ms. S.Yamunaa, II M.Sc., Chemistry received a best outgoing student in the year 2013-14
- 2. Ms., P.Nandhini, III B.Sc., Chemistry received a best outgoing student in the year 2013-14

#### **Students**

S. No.	Year	Gold Medals			1	Total Ranks		
		UG	PG	M. Phil.	UG	PG	M. Phil.	
1	2009-10	-	-	-	1	2	-	
2	2010-11	-	-	-	2	3	4	
3	2011-12	-	-	-	1	-	1	
4	2012-13	-	-	1	1	10	1	



### 24. List of eminent academicians and scientists / visitors to the department

Year	Special Lectures	Name of the External Experts
2009-10	Recent Trends in	Dr.R.Yamuna, Asst.Prof, Dept of Sciences, Amirta
2009-10	Spectroscopy	University, Coimbatore
2010-11	Career Guidance	Dr.D.Sivaprakasam, Director, Commerce, VICAS
2010 11	Personality Development	Mr.S.Madhu Jackson,Secondary Grade Teacher,Erode
2011-12	Job Opportunities	MR M.VADIVEL, Officer, R&D laboratories, S.P.B. Ltd , Erode
	Lab on a Chip	Dr.T.Selvaraju, Associate Prof., Department of Chemistry, Karunya University, Coimbatore.
2012-13	Chemistry in higher education	Professor.Dr.R.N.Prasad, Vice President, Indian Chemical Society, Department of Chemistry, University of Rajasthan, Jaipur.
2012-13	Innovative research program	Professor.Dr.R.N.Prasad, Vice President, Indian Chemical Society, Department of Chemistry, University of Rajasthan, Jaipur.
	Career oppurtunities in chemistry	Dr.V.Raj, Professor and Head, Department of Chemistry, Periyar University, Salem.
	Women's personality development	Dr. B. SELVARAJ M.A.,Ph.D., Associate professor of psychology, Government Arts College, Coimbatore.16.08.2013
	Chemistry in everyday life	Dr. A. ZAHIR HUSSAIN, Assistant professor, Department of chemistry, Jamal Mohamed college, Trichy.
	Chemistry in higher education and its opportunities	Dr. G. VENKATACHALAM, M.Sc., M. Phil., Ph.D., Assistant Professor of Chemistry, Government Arts College, Dharmapuri.
	Kanavu meipada vendum	Prof. M. RAMACHANDRAN, Rtd. Head, Department of English, ANJAC, Sivakasi.
	Role of catalysis in petroleum refining	Dr. S. J. SARDAR BASHA, Head, Department of Chemistry, Anna University college of Technology, Ramanathapuram.
2013-14	Oligosacchararides as a supra molecular host in selective organic reactions	Dr. P. SURESH, Department of Natural products, Madurai Kamaraj University, Madurai.
	Useful natural products	Dr. V. ALEX RAMANI, Associate Professor, Department of Chemistry, St. Joseph College, Tirchy
	Concepts of group theory	Dr. A. PETER PASCAL REGIS, Vice principal Associate Professor, Department of Chemistry, St. Joseph College, Tirchy.
	Basics and applications of photo electron spectroscopy	Dr. T. VIDYASAGAR, Assistant Professor, Department of Chemistry, Annamalai University, Chidambaram.
	Recent trends in polymer chemistry	Dr. K.PANDIAN, Associate Professor, Department of Chemistry Madras University, Chennai.



## 25. Seminars/ Conferences/Workshops organized & the source of funding

#### a) National

#### b) International

	b) International							
S.No	Year	Name of the seminar/ Workshop organized by the department	Date	Number of participants	Source of funding	Seminar workshop outcome		
1	2009-2010	Recent Trends In Physical Science	21.01.2010& 22.01.2010	450	Managenent	Focused on recent trends in physical science		
2	2010- 2011	Chem Expo 2011	01.02.2011 & 02.02.2011	413	Managenent	To enrich the students knowledge		
3	2011- 2012	State level Intercollegiate	11.01.2012	438	Managenent	To enrich the students knowledge		
4	2013- 2014	Mushroom Cultivation Programme	27.12.2013 to 30.12.2013	472	Managenent	To enrich the students knowledge		
5	2013- 2014	Emerging Trends In Chemistry	08.02.2014	462	Managenent	Focused on nano science & energy storage		

#### 26. Student profile programme/course wise

Year	Name of the	Applications	Enr	olled	Pass Per	centage
	Course	Received	Male	Female	Male	Female
2009-10	B. Sc.,	62	-	62	-	45
	M. Sc.,	60	1	60	ı	50
	M. Phil.	5	-	5	-	60
	B. Sc.,	69	-	69	-	69
2010-11	M. Sc.,	49	-	49	-	57.1
	M.Phil.	4	-	4	-	50
	B. Sc.,	120	-	120	-	52.5
2011-12	M. Sc.,	36	-	36	-	69.4
	M.Phil.	6	-	6	-	33.33
	B. Sc.,	114	-	114	-	50.8
2012-13	M. Sc.,	32	-	32	ı	100
	M.Phil.	4	1	4	1	25
2013-14	B. Sc.,	104	-	104	1	-
	M. Sc.,	65	-	65	-	-
	M.Phil.	11	-	11	1	100

#### 27. Diversity of Students admitted

Courses	% of students from the state	% of student from other state	% of students from Abroad					
2009-10								
UG	100	-	-					
PG	75	25	-					
M. Phil.	80	20	-					
	201	0-11						
UG	100	_						
PG	70	30	-					
M. Phil.	100	-	-					
	201	1-12						
UG	100	-	-					
PG	75	25	-					
M. Phil.	100	-	-					
	201	2-13						
UG	100	-	-					
PG	70	30	-					
M. Phil.	80	20	-					
	201	3-14						
UG	100	-	-					
PG	77	23	-					
M. Phil.	80	20	-					

# 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

Against % enrolled					
2009-10	2010-11	2011-12	2012-13	2013-14	
40	20	25	65	45.63	
25	27	16	25	18	
1	1	1	1	1	
-	-	_	-	-	
2	1.5	2.3	2.8	01	
	1.0	1.0	2.0	01	
	40 25	2009-10         2010-11           40         20           25         27           1         1           -         -	2009-10         2010-11         2011-12           40         20         25           25         27         16           1         1         1           -         -         -	2009-10         2010-11         2011-12         2012-13           40         20         25         65           25         27         16         25           1         1         1         1           -         -         -         -	

#### 30. Details of Infrastructural facilities

Information required	Details					
Library	Central	Books	2169			
	library	Magazine	1			
		Projects	303			
		CD	31			
		Journal	National - 19			
			International - 01			
	Department	Books	350			
	library	Projects	30			
		CD	-			
Internet facilities for staff	& students		15			
Total number of class room	ms		13			
Class rooms with ICT fact	-					
Student's laboratories	4					
Research laboratories			-			

### 31. Number of students receiving financial assistance from college, university, government or other agencies

Number of Students	2009-10	2010-11	2011-12	2012-13	2013-14
College	13	6	8	12	10
Government	30	35	43	57	-

#### 33. Teaching methods adopted to improve student learning

- Teaching by the staff using black board, over head projector, power point presentation
- Students seminar using black board, over head projector, power point presentation with the help of teacher
- Poster presentation by the students with the help of teacher
- Skit play in groups each unit by the students with the help of teacher
- Model preparation in groups for each units with help of teacher
- Extension of each unit in the society from where the students through skit play, awareness talk, meetings, etc.

### 34. Participation in Institutional Social Responsibility (ISR) and Extension activities

Department's students are part of

National Service Scheme (NSS)

- Youth Red Cross (YRC)
- Red Ribbon Club (RRC)
- Consumer Awareness Club
- Women's Development Cell

The activities are as follows

#### **Consumer Awareness Club Activies**

• Consumer Awareness rally organized by our college Consumer club on 24.12.2013. 30 student of both UG and PG has participated in the rally

#### Women Development cell

- Women's will Power programme organized by chemistry department on 24.12.13. 441 students has participated in the programme
- Sanitary & Hygienic Practices programme organized by chemistry department on 03.03.14. 441 students has participated in the programme.

#### 35. SWOC analysis of the department and Future plans

STRENGTH	WEAKNESS
Qualified and well experienced faculty members	Staff stability
Well equipped Digital Library.	
OPPORTUNITY	CHALLENGES
<ul> <li>After UG, Students have the Opportunity to select the various fields for their higher studies.</li> <li>Students have the wide Opportunity for Government Job.</li> </ul>	High competition, Creating awareness among the students
Students can do research work with fund	

#### **FUTURE PLANS**

- To develop department into specialized research center.
- Evolve students to join nationally and internationally reputed organizations
- Encourage students to conduct research for sustainable development of human beings
- Develop students to publish papers in highly reputed journals
- Evolve patentable work for future human needs

## DEPARTMENT OF COMMERCE & MANAGEMENT STUDIES

Q. No.		Information required		Details			
1. Name o	f the	e department	COM	ME	RCE & M	ANAGEMENT STUDIES	
2 Year of e	stab	lishment					
COMMERC	E		MAN	AGEMENT			
B.Com.	_   1	1995-1996	BBA,			2004-2005	
B.Com CA.	2	2001-2002	BBA	CA		2007-2008	
M.Com.	1	1999-2000	MBA.	2		2009-2010	
M.Com CA,	2	2002-2003					
M.Phil,	2	2002-2003					
Ph. D.		2013-2014					
3 Program	mes	/ courses offered (UG, PG, M	.Phil.,	, Ph	ı.D., Inte	grated Masters; Integrated	
Ph.D., etc.							
<u>Commerce</u>					Manager		
Bachelor of						of Business Administration	
		nmerce with Computer Applicat	ions			r of Business Administration	
Master of C						nputer Application	
	Master of Commerce with Computer Applications		ns	Master of Business Administration		of Business Administration	
		ophy in Commerce					
Ph.d in Cor	nmer	rce					
4. Names	of In	terdisciplinary courses and t	he de	part	tments/u	nits involved: NIL	
		mester / Choice Based Credit					
UG and Po		Semester pattern and Choice				Annual pattern and Choice	
	F	Based Credit System	P			Based Credit System	
6. Particip	atio	n of the department in the co	urses	off	ered by o	ther departments	
Courses				-	rtment		
		BBA & BBA CA - Language		English, Tamil			
	,	gement – Allied/EDC(UG)				Computer Science	
		gement – Allied/EDC(PG)		Mathematics Computer Science			
Add-on-Cours	e		A	All UG and PG Departments			
7 Courses in collaboration with other							
uni	vers	ities, industries, foreign				NIL	
ins	itut	ions, etc					
		of courses/programmes		MIII			
dis	conti	inued (if any) with reasons				NIL	

#### 9. Number of Teaching Posts Sanctioned and Filled

Designation	Sanctioned	Filled
Professor	6	6
Associate Professor	7	7
Assistant Professor	65	65

S.No.	NAME OF THE STAFF	QUALIFICATION	DESIGNATION	EXPERIENCE
1	Dr. K. Ramesh	M.C.S., M.Com., M.Phil.,	Professor in	13Years
		MBA., Ph.D.,	commerce	11 Months
2	Dr.V.Senthil Kumar	M.Com,M.Phil,	AP in commerce	11 years 9
		MBA.,ICWA(Int)., Ph.D.,		months
3	M. Hajera Banu	M.Com,M.Phil,NET	AP in commerce	10 years
4	P.Kavitha	M.Com.,M.Phil,	AP in commerce	9 years
5	M. Santhi	M.Com CA.,M.Phil,	AP in commerce	6 years 5 months
6	K.Ambibigeswari	M.Com.,M.Phil,	AP in commerce	6 years
7	R.Gajendra Singh	M.Com .,M.Phil,NET.,	AP in commerce	8 years 6 months
8	B.Jeeva Rekha	M.Com, M.Phil, e.com., PGDCA., NET.,	AP in commerce	8 years
9	R.Palanisamy	M.Com,M.Phil,NET., CLIP.,	AP in commerce	7 years 9 months
10	P.Velumani	M.Com,M.Phil,B.Ed.	AP in commerce	4 years 8 months
11	V.Kannagi	M.Com,M.Phil,	AP in commerce	7 years
12	A.Abirami	M.Com,M.Phil,	AP in commerce	4 years
13	P.Jayakumar	M.Com,M.Phil,	AP in commerce	5 years 8 months
14	Dr.R.Meenakshi	MCS.,M.Com., M.Phil.,	AP in commerce	6 years 10 months
15	Dr.K.Priya	M.Com,M.Phil,B.Ed.,MB A.,SLET.,Ph.D.,	AP in commerce	8 years
16	M.Kavitha	M.Com,M.Phil,	AP in commerce	4 years 11 months
17	J.Kannan	M.Com,M.Phil,PGDCA.,	AP in commerce	4 years
18	K.Santhana lakshmi	M.Com,M.Phil,	AP in commerce	2 years
19	V.Kalaivani	M.Com, M.Phil, PGDCA.,	AP in commerce	6 years 7 months
20	Dr.S.Srimathi	M.Com,M.Phil,MBA.,PhD	AP in commerce	7 years 2 months
21	C.Karthika	M.Com.,	AP in commerce	10 months
22	M.Malathi	M.Com.,	AP in commerce	10 months
23	Dr.V.Kumaravel	M.Com., M.Phil., MBA.,Ph.d., PGDCA., M.Sc(Psy).,	Director and Professor	19 Years
24	Dr.M. Thanikaivel	MBA. M.Com., M.Phil.,PGDCA, Ph.D	Prof &HOD	18Years 3Months
25	Mr. S. Prakash	MBA. M.Phil., (Ph.D)	Prof. in	14Years 6Months

26 M.Natarajan		management	
26 M.Natarajan		0	
J -	MBA,M.Phil.,	AP in management	8 years 9 months
27 S.Krishnakumari	MBA,M.Phil,NET,SLET	AP in management	4 Years 2 Months
28 P.Kamaleswari	MBA.,	AP in management	4 Years 2 Months
29 P.Menakadevi	MBA.,M.Phil.,NET	AP in management	6 Years 2Months
30 Mr. M. Jeganraj	MBE, M.Phil.,	AP in management	6 Years
31 Mr. P. Sasikumar	MBA. MSW.	AP in management	3Years
			6Months
32 Mrs. R. Aarthy	MBA., MHRM	AP in management	2 Years 8 Months
33 Mrs. ARojammal	MBA. M.Phil., PGDFM,	AP in management	6Years
	NET		
34 Mrs. S.Baby	MBA. M.S.E.,	AP in management	2Years
35 Ms. Suganya	MBA	AP in management	1 year
36 Ms. Srideepa	MBA	AP in management	1 year
37 Ms. T. Dhivya	MBA	AP in management	1 year
38 Ms. N. Saranya	MBA	AP in management	1 year
39 Dr.S.Ravi	MBA., M.Phil., Ph.D.,	Asso. Prof. in	4Years
		management	
40 Mr.T.Krishnakumari	MBA., M.Phil.,SET	Asso. Prof. in	9 Years 9 months
		management	
41 Mr.P.Ravichandran	MBA., MA., M.Phil.,	Asso. Prof in	6 Years
		management	
42 Mr.S.Senthilkumar	BE., MBA.,	AP in management	3 Years 1 month
43 Mr.R. Miyalvahanan	BE., MBA., M.Phil., SET.,	AP in management	8 Years 5 months
44 Ms.S.Krishnakumari	MBA., M.Phil., NET., SET.,	AP in management	4 years 8 months
45 Ms.R.Lavanya	BE., MBA.,	AP in management	3 years 7 months
Samuel Augustina	M.Com, M.Phil., M.B.A.	Associate Prof in	11 years
46 Lata jeyaraj	NET.,	Management	
47 S. Ramprakash	M.Com., M.Phil., PGDCA	Associate Prof in	11 years
1	, ,	Management	
48 Ms T.Malathy	MBA., M.Phil., M.H.R.M.,	AP in Management	5 years
	DCSE,		·
49 Mr. G.Sasidharan	MBA.,	AP in Management	2 years
50 Mr.D.Sundaramoorty	MBA., M.Phil.,	AP in Management	5 years
51 Mr.P.Ravichandran	MA., M.Phil., MBA.,	Associate Prof in	11 years
		Management	
52 Mr.B.Premsundar	MA., B.Ed., M.Phil., MBA	Associate Prof in	13 years
		Management	
53 Mrs.K.Devi	MCA., M.phil	AP in Computer	4 years 11months
		Science	
54 Ms.N.Mary	MSC., M.phil	AP in Computer	1 year
		Science	
55 Ms. G.Sathya	MSC., M.phil	AP in Computer	1 year
		Science	
56 Mr.S.Gowthaman	MCA	AP in Computer	4 years 9 months
		Science	
57 Ms.P.Kalaiselvi	MSC., M.phil	AP in Computer	5 months

			Science	
58	Mr.D.RajaGopal	MCA.,MPhil	AP in Computer	4 years 3 months
30	MI.D.Najadopai	1410/1.,1411 1111	Science	1 years o months
59	Mrs.S.Chandrakala	MCA	AP in Computer	1 year 3 months
	Wis.o.Chandrakaia	Wich	Science	1 year 5 mondis
60	Ms.J.Suguna	MCA., M.phil	AP in Computer	3 years
00	M5.0.5uguna	Wert, W.piiii	Science	o years
61	Mrs.Lalitha	MSC.MPhil	Associate Prof in	11 years
01	ini o Bairtia	MSC.MI III	Mathematics	11 yours
62	Ms.Prabavathi	M SC	AP in Mathematics	11 months
63	Ms.N.Nithya	MSC	AP in Mathematics	11 months
64	Mrs.P.Jalini	MSC.,MPhil	AP in Mathematics	3 years 1 month
65	Ms.S.Saranya	D.TED.,MA	AP in English	11 months
66	Mr.R.Saravanan	MA., MPhil	AP in English	3 years
67	Mrs.G.Nithya	MA.,MPhil	AP in Tamil	2 years 4 months
68	Mr.G.Ravichandran	M.Com.,B.Ed.,M.Phil.,Ph.D.	Prof in commerce	17 years
69	Mrs.M.Anbuselvi	M.Com.,M.Phil.,	AP in commerce	7 years
70	Ms.R.Radha	M.Com.,M.Phil.,	AP in commerce	6 years
71	Mrs.P.Suja	M.Com.,M.Phil., PGDCA.,	AP in commerce	12 years
72	Dr.S.Kala	M.Com.,M.Phil., Ph.D.,	AP in commerce	7 years
73	Mrs.T.Nithya	M.Com.,M.Phil., B.Ed,M.Ed	AP in commerce	7 years
74	Ms.N.Usha	M.Com.,M.Phil.,	AP in commerce	5 years
75	Mr. V. Venkatraj	M.Com.,M.Phil., MBA	AP in commerce	6 years
76	Ms.SPradeepa.	M.Com, M.Phil	AP in commerce	1 year
77	Ms.Gnanasoundari	M.Com,M.Phil	AP in commerce	1 year
78	Ms.Manju	M.Com,M.Phil	AP in commerce	3 year
79	I.Sarumathi	M Com M Dhil MDM	Professor in	15 Years 10
	1.Sarumaum	M.Com.,M.Phil.,MBM.,	commerce	months
80	Jeyasree	M Com M Dhil	AP in commerce	9 years
	Ramanathan	M.Com.,M.Phil.,		
81	Mrs.S.Divya	M.Com.,M.Phil.,	AP in commerce	2 years
82	Mr.P.Sakthivel	M.Com.,M.Phil.,	AP in commerce	2 years
83	Ms.N.Suryapavithra	M.Com.,M.Phil.,	AP in commerce	1 years
84	A.Banumathi	MA.,B.Ed.,M.Phil	AP in commerce	4 years
85	R.Senthil raja	M.Com.,M.Phil.,	AP in commerce	7 years

Q. No.	Information required	Details					
11	List of senior visiting	Nil					
	faculty						
12	Percentage of classes taken by temporary Faculty	Nil					
13	Student-Teacher Ratio (Programme-wise)	B.Com. B.Com M.Com M.Com CA					
	(1 Togramme wilder)	20:1	20:1	4:1	9:1		
		M.Phil	Ph.D.	BBA	BBA CA		
		5:1 6:1 12:1					
		MBA					

		15:1				
14	Number of academic support	tioned	F	illed		
	staff and administrative staff		3		3	
	sanctioned and filled					
15	Qualifications of teaching	Please refer S. No. 10				
	faculty with DSc/ D.Litt/					
	Ph.D/ MPhil / PG.					
	<b>Diversity of Staff Percentag</b>	e of facu	lty who are graduates			
	Of the same parent Univers	rent University 15 o				
	From other Universities wit	hin the	30			
	State					
	Number of Faculty who wer	3				
	awarded Ph.D., D.Sc., and D	Litt.,				
	during the assessment Period	od				

#### 16. Number of Faculty with On-going projects

S. No.	Name of the	National/	Funding	Grants
	Faculty	International	agency	received (Rs.)
1	Dr.K.Ramesh	National	Tamil Nadu	Applied (Not yet
			Government	received)
2		National	Institutional	30,000.00
3			Institutional	50,000.00
4			Institutional	20,000.00

### 17. Department Projects Funded by DST-FIST, DBT, ICSSR, etc., and total grants received

Ni1

#### 18. Research Centre /facility recognized by the University

Department is recognized for both M. Phil. and Ph. D. Research with separate research centre.

S. No.	List of major instruments
1	Wi-fi Class Room
2	LCD Projections
3	Hi- Tech Digital library
4	Hi- Tech Separate Library for Commerce &
	Management
5	Research Journals & Magazines
6	Research Thesis
7	Language lab.

#### 19. Publication

Information required	Information required Details		
Publication per faculty			
Number of papers published in peer reviewed journals (national	International	National	
/international) by faculty and students	7	10	
Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)	NIL	NIL	
Monographs	NIL		
Chapter in Books	40		
Books Edited	6		
Books with ISBN/ISSN numbers with details of publishers	40		
Citation Index	NIL		
SNIP	NIL		
SJR	NIL		
Impact factor	5		
h-index	NIL		

Q. No.	Information required		<b>Details</b>						
20	Areas of Consultancy and	-							
	income generated								
21	Faculty as members in	Nat	ional	Internat	ional	Editorial			
		comr	nittees	Commi	ttees	Boards			
		ľ	Vil	Nil		4			
	<b>Faculty Recharging Strategies</b>								
	• Conducting in house faculty do	evelopme	ent progr	ams					
	• Permitting faculty developmen	1 9							
	• Permitting faculty to conduct/	participa	ate/ pres	enting/cha	ir semina	ars/			
	conferences/ training program	s/ works	shops/ex	hibitions b	oth in ho	use and			
	other institutions								
	• Facilitate to interact with subje	ect exper	t both in	house and	other in	stitutions			
	• Faculty encouraged to particip	ate in Yo	ga class	es in house					
	Student Projects	2009-10	2010-11	2011-12	2012-13	2013-14			
22	Percentage of students who								
	have done in-house projects	100	100	100	100	100			
	including inter	100	100	100	100	100			
	departmental/programme								

#### 23. Awards / Recognitions received by faculty and students

#### **Faculty**

**1.** On 6<sup>th</sup> March 2011, the Director received "Bayaneluthup Padaipali" Award from "Tamilnadu Magazines Publications Association" at Chennai.

#### Student Award- MBA Department

- 1. Ms. S.Vidhya Sri, Best Outgoing Student Award for best Student of the MBA Department 2014.
- **2.** Suganya .S of Final MBA and D.Srideepa of Final MBA (2010-2012) have been awarded of Rs. 10,000 each for their best performance in summer internship programme 2011 from Idhayam group of companies Virudhunagar.

#### Students B.COM, B.COM CA, M.COM, M.COM CA & M.PHIL

S. No.	Year	Gold Medals				Total	Ranks
		UG	PG	M. Phil.	UG	PG	M. Phil.
1	2009-10	NIL	2	NIL	NIL	9	3
2	2010-11	NIL	1	NIL	3	6	2
3	2011-12	1		NIL	NIL	1	2
4	2012-13	NIL	2	NIL	6	18	NIL

#### Students B.B.A, B.B.A CA

S. No.	Year	Gold Medals			1	Total	Ranks
		UG	PG	M.	UG	PG	M. Phil.
				Phil.			
1	2009-10	NIL	NIL	NIL	7	NIL	NIL
2	2010-11	NIL	NIL	NIL	5	NIL	NIL
3	2011-12	NIL	NIL	NIL	3	NIL	NIL
4	2012-13	NIL	NIL	NIL	1	NIL	NIL

#### Students M.B.A

S. No.	Year	Gold Medals			Total	Ranks	
		UG	PG	M.	UG	PG	M. Phil.
				Phil.			
1	2009-10	NIL	NIL	NIL	NIL	NIL	NIL
2	2010-11	NIL	1	NIL	NIL	3	NIL
3	2011-12	NIL	NIL	NIL	NIL	2	NIL
4	2012-13	NIL	1	NIL	NIL	9	NIL

### 24. List of eminent academicians and scientists / visitors to the commerce Programs

Year	Special Lectures	Name of the External Experts
	Carrier in Insurance	Mr.Senthil Kumar, H.R.Secretary, Indian
		Institute of Insurance, Salem Branch
	Auditing practice	Mr. Ramanan, Auditor, Tirchengode.
	Entrepreneurial	Mr. M.K. Raju, Manager, DIC,
	Development	Namakkal.
	Effective Communication	Mr.Vadhapureswaran, Professor in
		English VCEW
2009-10	Taxation	Mr. Harisankar, Tax Consultant, Salem
	Career in Research	Dr. K. Ramesh, HOD Of Commerce,
		Vivekanandha College of Arts and
	110	Sciences for women
	Job Opportunities	Mr. Saravanan, Placement officer,
		Vivekanandha College of Arts and Sciences for women
	Higher Studies in VICAS	Mr. V.Senthil Kumar, Asst. Professor in
	Inglier Studies III VICAS	Commerce Vivekanandha College of Arts
		and Sciences for Women
2010-2011	Future Prospectus of	Mr. S. Santhosh Kumar,
	career in Commerce	Chief Trainer, IRIA HR Management
		Consultancy, Erode
	Business Magic	Rtn.MPHF. R.Radha, Managing Director,
		Ran Indian Steeels(P) Ltd.
	Personality Development	Dr. D. Sivaprakasam,
		Director, Department of Commerce, VICAS
	Consumers Protection – A	Thiru. N. D. Natanasabesan, Advocate,
		Tiruchengode.
	Legal Perspective	Dr. D. Sivaprakasam,
	Leadership Training	Director, Department of Commerce,
	Programme	VICAS

	Life Insurance: Human Life	Thiru C. T. Anto, M.A.,
	Value	Manager, Life Corporation of India,
		Tiruchengode.
	Recent Trends in Indian	Thiru. T. Balasubramanian, Manager,
	Banking Practices	Karur Vysya Bank.
	Direct and Indirect Taxes –	Thiru. CA. P. Subramanian,
	Impacts and Implications	Chartered Accountant, Tiruchengode.
2011-2012	Awareness of General	Thiru. V. Kasthurirangan,
	Insurance	Administrative Officer, United India
		Insurance Company Ltd., Tiruchengode
	Business Culture: Recent	Thiru. P.S.S.Saikumar, General
	Scenario	Manager, Triumphant Institute of
		Management Education Pvt. Ltd., Erode.
	Goal Setting	Thiru. M. Antony Stephen, Head,
		Department of Social Work, Holy Cross
		College, Trichy.
	Awareness of C. A.	Thiru. CA. I. Sivakumar, Chartered
	Programme	Accounting, Salem
	E-Banking	Thiru. R. Sundararaman, Chief
		Manager, City Union Bank, Chennai.
	Communication Skills	Mr. A. Veerappan, Communication
	A	Trainer, VIETW.
	Awareness Programme on	Mr. M. Sakthivel, Technical Head, C
	IAS & IFRS	Cube Technologies, Erode.
	Awareness Programme on	Mr. M. Sakthivel, Technical Head, C
	Accounting Standards –	Cube Technologies, Erode.
	International Level.	N. M. O. I. I. I. M. I.
	Awareness Programme on	Mr. M. Sakthivel, Technical Head, C
	International Qualification	Cube Technologies, Erode.
	Application of Accounting	U. Ilanchezhiyan, Auditor & Professor,
	Standards in Indian	Krishnan and Chettiyappan & Co.,
	Scenario	Chennai.
	Current Trends of Banking	Dr. T.C.G. Namboodiri, Asst. General
	Sectors	Manager, Lakshmi Vilas Bank Ltd.,
	0	H.O., Karur.
	Current Trends of Banking	Dr. T.C.G. Namboodiri, Asst. General
	Sectors	Manager, Lakshmi Vilas Bank Ltd., H.O., Karur.
	Ergonomics for It Society	Dr. S.K.Rajkumar, Principal/HOD
	Ergonomics for it society	Physiotherapy, VMCH
	Women Entrepreneurship	Prof. Dr. R. Ganesan. Chairman,
	Development	Natioan Foundation for
	2 or otopinont	EntrepreneurshipDevelopment,
		Chennai.
	Motivational Talk	Mr. V. Gurumoorthy, Motivational
		Trainer, Waakawaaka.i, Coimbatore.
	Creating Success for	Mr. K.SVijayan, Branch Manager, India
	Commerce	can Education Pvt. Ltd., Erode
2013-2014	Creating Success for	Mr. K.S. Vijayan MBA, Branch Manager,
•	Commerce	India can Education Pvt. Ltd, Erode &
		Special Guest Mr. S.Kiran Kumar, CA

	Erode .
Human Rights Awareness	Mr. S.Ganesan, B.Com., D. Co.op.,
in Co-operation	Secretary, Cooperative Housing Society Ltd. Erode.
Personality and Career	Dr. M. Kumaravel, Director,
Development	Department of Commerce and
Ancient Wisdom in	Management studies , VICAS  Prof. J.Joshnu Senthil Kumar , Asst.Professor,
Management	PSG Institute of Management , Coimbatore
"Essence Of Leadership"	DR.K.SAMUVEL, Director,
	Department of Management Studies,
	Hindustan Institute of Technology,
	Coimbatore
"Blue Print For Success"	MR.S.PRAKASH
"Career Opportunities In	MR.S.CHANDRSEKAR
Banking And Financial	E-School & Corporate Trainer, Bangalore
Institutions"	2 concor de Corporate Francis, Ban-Saroro
"Role Of Economic Times	Rtn.PHF.R.HENTRY AMALARAJ
In Global Business &	Development Officer,
Economics"	LIC , Coimbatore
"Leadership"	MR. VIJAY KUMAR,
-	Executive Director,
	MMASC Chennai.
" Awarness on Competitive	ENIYAVAN ELANGOVAN
Examination"	Managing Director,
	Arise Brilliant Chamber,
	Salem.
"Career Opportunities In	MR.B.KALAISELVAN
Banking Sector"	Divisional Manager,
	Audit & Accounting General Office,
"O. 1 . N' .' .	Public Work Department,
"Students Motivation By	MR.M.SARAVANA KUMAR
Genix Powerology"	Managing Director, Genix Powerology,
	Madurai
Basic Communication "	MR.A.VEERAPPAN
Dasic Communication	Placement Trainer ,
	VEI, Elayampalayam
Communication	MR.A.VEERAPPAN
Development Programme	Placement Trainer ,
Development Flogramme	VEI, Elayampalayam
" Investors Awareness	Mr.G.Ravi,
Programme"	Vice president and Head Sales,
0	Ambarlal Shares and Stock Pvt , Ltd , Vellore

" Investors Awareness	MR.V.BALAJI,
Programme"	Asst.Educational Officer,
	ICSI- Southern India,
	Regional Council, Chennai
"Mind An Invisibile Helper	VENGATESWARAN
And Magic Lamo.	Founder Mind research organization
G	Nature food Association
	Shri Vinoba Shiva Centre
	Erode
, "Organic Farming &	MR.N.BALAMOORTHY
Global Warming	Consultant for Organic Farming ,
Ŭ	Namakkal

List of eminent academicians and scientists / visitors to the department of Management programs

Year	Special Lectures	Name of the External Experts
	Carrier in Insurance	Mr.Senthil Kumar,H.R.Secretary, Indian
		Institute of Insurance, Salem Branch
	Auditing practice	Mr. Ramanan, Auditor, Tirchengode.
	Entrepreneurial	Mr. M.K. Raju, Manager, DIC, Namakkal.
	Development	
	Effective	Mr. Vadhapureswaran, Professor in English
	Communication	VCEW
2009-10	Taxation	Mr. Harisankar, Tax Consultant, Salem
	Career in Research	Dr. K. Ramesh, HOD Of Commerce,
		Vivekanandha College of Arts and Sciences
	110	for women
	Job Opportunities	Mr. Saravanan, Placement officer,
		Vivekanandha College of Arts and Sciences
	High on Chadion in	for women
	Higher Studies in VICAS	Mr. V.Senthil Kumar, Asst. Professor in Commerce Vivekanandha College of Arts
	VICAS	and Sciences for women
	Nurturing Managerial	Mr. V. Kishorekumar Director / General
	Skills	Manager CUM Company Secretary
		Puducherry
2010-	Out of Box Thinking	Mr. Parivallal Director, DMW CNC Centre,
2011		Erode
	Production	Mr. M.N. Nandhakumar Head-Materials,
	Management	Roots Cast Pvt. Ltd. Coimbatore
	A Stepping Stone to	Dr. K. Elangechezhian Alkhraj University
	New Horizions	Alkhraj, Saudi Arabia.
0011	Awareness of General	Thiru. V. Kasthuri Rangan, Administrative
2011-	Insurance	Offices, United IBDIA Insurance Company
2012		Ltd, Tiruchengode, Namakkal (Dt).
	Business Culture:	Thiru. P.S.S.Sasi kumar, General Manager,
	Recent Scenario	Triumphany Inctitute of Management

		Education Pvt Ltd., Erode.
		Thiru. M.Antony Stephen, Head,
	Goal Setting	Department of Social Work, Holy Cross
		College, Tiruchy.
	Awareness of C.A.	Thiru. CA.I. Sivakumar, Charted
	Programme	Accountant, Salem.
	Success Mantras	Prof. Mr. M. Jeganraj, Vivekanandha college
		of Arts & Sciences for women, Department
2012-		of MBA Tiruchengode.
	How to face an	Prof. Mr. M. Vijay, M.S., Assistant Professor
2013	interview?	in ECE & Placement officer from Hindustan
	Interview?	college of technology, Coimbatore
	Matirational Talls	Mr. V. Gurumoorthy, Motivational Trainer
Motivation	Motivational Talk	Waaka Coimbatore.

List of eminent academicians and scientists / visitors to the department of MBA

Year	Special Lectures	Name of the External Experts
	Career in Insurance	Mr.Senthil Kumar, H.R.Secretary, Indian
		Institute of Insurance, Salem Branch
	Entrepreneurial	Mr. M.K. Raju, Manager, DIC, Namakkal.
	Development	
2009-10	Effective	Mr.Vadhapureswaran, Professor in English
	Communication	VCEW
		Mr. Saravanan, Placement officer,
	Job Opportunities	Vivekanandha College of Arts and Sciences
		for women
	Nurturing Managerial	Mr. V. Kishorekumar
	Skills	Director / General Manager
		CUM Company Secretary
	O-t (D) (N) in 1 in m	Puducherry
	Out of Box Thinking	Mr. Parivallal
	Production Management	Director, DMW CNC Centre, Erode Mr. M.N. Nandhakumar
	Production Management	Head-Materials,
		Roots Cast Pvt. Ltd.
		Coimbatore
2010-11	A Stepping Stone to New	Dr. K. Elangechezhian
	Horizons	Alkhraj University
	11011101110	Alkhraj, Saudi Arabia.
	Future Prospectus of	Mr. S. Santhosh Kumar,
	career in Management	Chief Trainer, IRIA HR Management
		Consultancy, Erode
	Business Magic	Rtn.MPHF. R.Radha, Managing Director,
		Ran Indian Steeels(P) Ltd.
	Personality Development	Dr. A. Somu,
		Director, Department of MBA, VIIMS.
	Consumers Protection –	Thiru. N. D. Natanasabesan, Advocate,
	A Legal Perspective	Tiruchengode.
	Life Insurance: Human	Thiru C. T. Anto, M.A.,

	T'C T7 1	7. T.C. O CT 1:
	Life Value	Manager, Life Corporation of India,
		Tiruchengode.
	Leadership Training	Dr. M. Thanikaivel,
	Programme	HOD, Department of MBA, VICAS
	Women	Prof. Dr. R. Ganesan. Chairman, Natioan
	Entrepreneurship	Foundation for
	Development	EntrepreneurshipDevelopment, Chennai.
	Awareness of General	Thiru. V. Kasthurirangan, Administrative
	Insurance	Officer, United India Insurance Company
		Ltd., Tiruchengode
	Business Culture:	Thiru. P.S.S.Saikumar, General Manager,
	Recent Scenario	Triumphant Institute of Management
		Education Pvt. Ltd., Erode.
	Goal Setting	Thiru. M. Antony Stephen, Head,
		Department of Social Work, Holy Cross
		College, Trichy.
	E-Banking	Thiru. R. Sundararaman, Chief Manager,
		City Union Bank, Chennai.
	Communication Skills	Mr. A. Veerappan, Communication Trainer,
2011-12		VIETW.
2011-12	Current Trends of	Dr. T.C.G. Namboodiri, Asst. General
	Banking Sectors	Manager, Lakshmi Vilas Bank Ltd., H.O.,
	8	Karur.
	Ergonomics for It	Dr. S.K.Rajkumar, Principal/HOD
	Society	Physiotherapy, VMCH
	"Overview of	Mrs. S. Kavitha Assistant Professor IN MBA,
	Strategic	VIIMS
	Management"	VIIIVIO
	Emotional	Dr. A. Somu, Director, Department of MBA,
	Intelligence in	VIIMS.
	the Competitive	
	Environment	N. 1 D.1 11 1 2 D. C.
	" Quantitative Techniques –	Mrs. A. Delphi Asst. Professor, Department
	Linear	of MBA, VIIMS
	Programming"	
	"Marginal	Dr. M. Thanikaivel, HOD, Department of
	Costing	MBA, VICAS
	Techniques"	
	Human Rights	Mr. S.Ganesan, B.Com., D. Co.op.,
	Awareness in Co-	Secretary, Cooperative Housing Society Ltd.
	operation	Erode.
	Contemporary Practices	Prof. J.Joshnu Senthil Kumar ,
	in Marketing	Asst.Professor, PSG Institute of
	Communication	Management, Coimbatore
	Communication	
2012-2013	"Essence Of Leadership"	Dr.K.Samuvel, Director, Department of
		Management Studies, Hindustan Institute of
	((D1	Technology, Coimbatore
	"Blue Print For Success"	Mr.S.Prakash, CEO Sakthi Cups Erode.
	"Career Opportunities In	MR.S.Chandrsekar, E-School & Corporate
	Banking And Financial	Trainer, Bangalore.
	Institutions"	

_	"Role of Economic Times	Rtn.Phf.R.Hentry Amalaraj, Development
	In Global Business &	Officer, LIC, Coimbatore
	Economics"	, , , , , , , , , , , , , , , , , , , ,
	A Diamond in You	Dr. S. Kathiravan, Professor, Department of
	Ti Biamona in Tou	Psychology, Periyar University, Salem
	Born to Win	MR. J. Arokiya Raj, AP/MCA, VIIMS
	Strategic Management	Mr. M. Nandha Kumar, Head, Materials
	Strategie Management	Dept., Roots Cast Pvt. Ltd., Coimbatore
	Personality and Career	Dr. V. Kumaravel, Director Cum Vice
	Development	Principal, Vicas
	"Leadership"	
	Leadership	Mr. Vijay Kumar, Executive Director, MMASC Chennai.
	(4 A	
	" Awareness on	ENIYAVAN ELANGOVAN Managing Director,
	Competitive	Arise Brilliant Chamber, Salem.
	Examination"	MD D IZALAIODI IZANI D 1 M
	"Career Opportunities In	MR.B.KALAISELVAN Divisional Manager,
	Banking Sector"	Audit & Accounting General Office, Public
2013-2014	(C) 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Work Department,
2010 2011	"Students Motivation By	MR.M.SARAVANA KUMAR Managing
	Genix Powerology"	Director, Genix Powerology, Madurai
	Basic Communication "	MR.A.VEERAPPAN Placement Trainer, VEI,
		Elayampalayam
	Communication	MR.A.VEERAPPAN Placement Trainer, VEI,
	Development	Elayampalayam
	Programme	
	" Investors Awareness	Mr.G.Ravi, Vice president and Head Sales,
	Programme"	Ambarlal Shares and Stock Pvt , Ltd , Vellore
	" Investors Awareness	MR.V.BALAJI, Asst.Educational Officer,
	Programme"	ICSI- Southern India, Regional Council,
		Chennai
	"Mind - An Invisibile	VENGATESWARAN Founder Mind research
	Helper And Magic Lamp.	organization Nature food Association Shri
		Vinoba Shiva Centre Erode
	Ancient wisdom in	Mr. Natesan, Vice-president, HR, Sakthi
	management	Finance Ltd., Coimbatore
	"Organic Farming &	MR.N.BALAMOORTHY Consultant for
	Global Warming	Organic Farming, Namakkal
	"Organic Farming &	Finance Ltd., Coimbatore  MR.N.BALAMOORTHY Consultant for



## 25. Seminars/ Conferences/Workshops organized & the source of funding

- a) National
- b) International

Year	Name of the seminar/ Workshop organized by the department	Date	Number of particip ants	Source of funding	Seminar workshop outcome
2009- 2010	Conference – Impact of Information Technology in Financial Sectors	11.02.10	998	Management	Strategic Uses of in IT & its Application in developing Corporate Strategy
2010- 2011	Symposium – FDI : Current Issues	18.02.11	1102	Management	Importance of FDI inflow Business Quiz Best Manager Management Decision Making
	Gold Price Fluctuations and Its Impact on Indian Economy.	14.02.13	1215	Management	Gold Price Fluctuation the world economy & Monetary Inflation
2012- 13	Emerging Trends in Business Opportunities	20.02.13 One Day	1335	Management	Business Opportunities in World Wide
2012- 2013	Research Methodology in Social Sciences	27.02.13	500	Management	Review of Literature Hypothesis Tabulation Sampling Analysis & Interpretation
2013- 2014	Research Methodology	05.10.13 & 07.10.13	500	Management	Identification of Problem Review of Literature Tabulation Sampling Analysis & Interpretation
2013- 2014	One Day Workshop – Career Fittings Programme For Commerce & Management Professionals	01/02/1	200	Management	Selection of career
	Problem Solving Technique For The Managers Of The Future	20.01.14	200	Management	
	Training Programme(Msme Sponsored)	05.02.14 To 15.02.14	90	MSME Sponsored)	
	International Conference On Impact Of Global Crisis On Indian Business Scenario	04.01.14	1260	Management	



#### 26. Student profile programme/course wise:

Year	Name of the	<b>Applications</b>	Enrolled		Pass Percentage	
	Course	Received	Male	Female	Male	Female
2008- 2009	B.Com	72	-	60	-	81
	B.Com CA	487	-	463	-	90
	M.Com	42	-	36	-	69
	M.Com CA	105	-	90	-	82
	M.Phil	18	-	12	-	100
	BBA	115	-	109	-	90.90
	BBA CA	200	-	192	-	-
	B.Com	53	-	45	-	78
	B.Com CA	314	-	301	-	71
	M.Com	34	-	32	-	75
2009-10	M.Com CA	81	-	77	_	84
2009-10	M.Phil	17	-	13	-	100
	BBA	60	-	50	-	91
	BBA CA	120	-	100	-	100
	MBA	67	-	60	_	-
	B.Com	33	-	29	-	80
	B.Com CA	323	-	310	-	76
	M.Com	45	-	37	-	60
2010-	M.Com CA	151	-	140	-	76
2011	M.Phil	20	-	14	-	100
	BBA	30	-	23	-	89.4
	BBA CA	65	-	55	-	98
	MBA	69	-	60	-	100
	B.Com	56	-	52	-	88
	B.Com CA	274	-	265	-	87
	M.Com	57	-	52	-	89
2011-	M.Com CA	176	-	167	-	84
2012	M.Phil	18	-	15	-	96
	BBA	70	-	59	-	95.8
	BBA CA	70	-	56	-	91.5
	MBA	69	-	60	-	100
	B.Com	136	-	121	-	65
	B.Com CA	284	-	257	-	62
	M.Com	58	-	54	-	96
2012-13	M.Com CA	113	-	108	-	96
2012-13	M.Phil	16	-	14	-	96
	BBA	121	-	105	-	90
	BBA CA	75	-	66	-	77
	MBA	103	-	93	-	98.21

#### 27. Diversity of Students admitted in Commerce

Courses	% of students from the state	% of student from other state	% of students from Abroad				
	200	09-10					
UG	99	1	NIL				
PG	99	1	NIL				
M. Phil.	100	NIL	NIL				
Ph. D.	NIL	NIL	NIL				
	20	10-11					
UG	98	0.92	NIL				
PG	99	1	NIL				
M. Phil.	100	NIL	NIL				
Ph. D.	NIL	NIL	NIL				
	20	11-12					
UG	99	1	NIL				
PG	98	1	NIL				
M. Phil.	100	NIL	NIL				
Ph. D.							
	20	12-13					
UG	99	1	NIL				
PG	99	1	NIL				
M. Phil.	100	NIL	NIL				
Ph. D.	NIL	NIL	NIL				
	2013-14						
UG	98	2	NIL				
PG	99	1	NIL				
M. Phil.	100	NIL	NIL				
Ph. D.	100	NIL	NIL				

#### Diversity of Students admitted in BBA

Courses	% of students from the state	% of student from other state	% of students from Abroad
	200	09-10	
UG	99	1	NIL
PG	99	1	NIL
M. Phil.	NIL	NIL	NIL
Ph. D.	NIL	NIL	NIL
	20	10-11	
UG	95	5	NIL
PG	NIL	NIL	NIL
M. Phil.	NIL	NIL	NIL
Ph. D.	NIL	NIL	NIL
	20	11-12	
UG	90	10	NIL
PG	NIL	NIL	NIL
M. Phil.	NIL	NIL	NIL
Ph. D.	NIL	NIL	NIL
	20	12-13	
UG	93	7	NIL
PG	NIL	NIL	NIL
M. Phil.	NIL	NIL	NIL
Ph. D.	NIL	NIL	NIL
	20	13-14	
UG	95	5	NIL
PG	NIL	NIL	NIL
M. Phil.	NIL	NIL	NIL
Ph. D.	NIL	NIL	NIL

#### Diversity of Students admitted in MBA

Courses	% of students from the state	% of student from other state	% of students from Abroad				
	200	09-10					
UG	NIL	NIL	NIL				
PG	98	2	NIL				
M. Phil.	NIL	NIL	NIL				
Ph. D.	NIL	NIL	NIL				
	20	10-11					
UG	NIL	NIL	NIL				
PG	99	1	NIL				
M. Phil.	NIL	NIL	NIL				
Ph. D.	NIL	NIL	NIL				
	20	11-12					
UG	NIL	NIL	NIL				
PG	99	1	NIL				
M. Phil.	NIL	NIL	NIL				
Ph. D.	NIL	NIL	NIL				
	20	12-13					
UG	NIL	NIL	NIL				
PG	99	1	NIL				
M. Phil.	NIL	NIL	NIL				
Ph. D.	NIL	NIL	NIL				
	2013-14						
UG	NIL	NIL	NIL				
PG	99	1	NIL				
M. Phil.	NIL	NIL	NIL				
Ph. D.	NIL	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 in commerce

Student Progression	Against % enrolled					
Student Frogression	2009-10	2010-11	2011-12	2012-13	2013-14	
UG to PG (%)	10	18	36	33	20	
PG to M. Phil. (%)	10	5	3	3	3	
PG to Ph. D.	NIL	NIL	NIL	NIL	NIL	
Ph. D. Post-Doctoral	NIL	NIL	NIL	NIL	NIL	
Employed	1	2	3	5	7	
<ul> <li>Campus selection</li> </ul>						
<ul> <li>Other than campus</li> </ul>						
recruitment	10.10	12.22	13.75	16.32	25.72	
Entrepreneurship/Self-				7.82	9.36	
employment	3.20	5.67	5.75			

Student progression in BBA

Student Progression	Against % enrolled					
Student Frogression	2009-10	2010-11	2011-12	2012-13	2013-14	
UG to PG (%)	NIL	NIL	NIL	NIL	NIL	
PG to M. Phil. (%)	NIL	NIL	NIL	NIL	NIL	
PG to Ph. D.	NIL	NIL	NIL	NIL	NIL	
Ph. D. Post-Doctoral	NIL	NIL	NIL	NIL	NIL	
Employed		6	9			
<ul> <li>Campus selection</li> </ul>	4	10	10	15	10	
<ul> <li>Other than campus</li> </ul>	7					
recruitment				25	15	
Entrepreneurship/Self-						
employment	3	2	5	8	7	

#### Student progression in MBA

Student Dueguesien	Against % enrolled					
Student Progression	2009-10	2010-11	2011-12	2012-13	2013-14	
UG to PG (%)	NIL	NIL	NIL	NIL	NIL	
PG to M. Phil. (%)	NIL	NIL	NIL	NIL	NIL	
PG to Ph. D.	NIL	NIL	NIL	NIL	NIL	
Ph. D. Post-Doctoral	NIL	NIL	NIL	NIL	NIL	
Employed						
Campus selection	Nil	22.41	21.42	24.13	35.22	
Other than campus recruitment	Nil	43.01	44.64	41.37	1.13	
Entrepreneurship/Self- employment	Nil	1.72	Nil	Nil	Nil	

#### 30. Details of Infrastructural facilities

Information required		Details			
Library	Central	Books	6191		
	library	Magazine	34		
		Projects	1234		
		CD	262		
		Journal	National - 66		
			International – 18		
	Department	Books	382		
	library	Projects	940		
		CD	10		
Internet facilities for		85			
staff & students					
Total number of class		31			
rooms					
Class rooms with ICT	3				
Facilities					
Student's laboratories	1				
Research laboratories		1			

### 31. Number of students receiving financial assistance from college, university, government or other agencies Commerce

Number of Students	2009-10	2010-11	2011-12	2012-13	2013-14
College	84	74	62	102	27
	(Rs.4,36,000)	(Rs.3,54,000)	(Rs.3,00,000)	(Rs.4,80,000)	(Rs.1,62,000)
University					
Government	95	102	106	122	
	(Rs.3,57,546)	(Rs.4,09,312)	(Rs.5,96,520)	(Rs.5,00370)	
Other					
agencies					

Number of students receiving financial assistance from college, university, government or other agencies BBA

Number of Students	2009-10	2010-11	2011-12	2012-13	2013-14
College	4	14	3	1	1
_	(Rs. 56,000)	(Rs.4,20,000)	(Rs.48,000)	(Rs.4,74,500)	(Rs.56,000)
University					
Government	24	33	20	20	
	(Rs.78,150)	(Rs. ,73,944)	(Rs.1,05,715)	(Rs. 72,840)	
Other					
agencies					

Number of students receiving financial assistance from college, university, government or other agencies MBA

Number of Students	2009-10	2010-11	2011-12	2012-13	2013-14
College	40	37	42	58	44
	(Rs.5,00000)	(Rs.4,87,500)	(Rs.6,00,000)	(Rs.8,37,500)	(Rs.6,66,000)
University					
Government	02	9	06	02	
	(Rs.13,310)	(Rs91,145)	(Rs.59,000)	(Rs.13,200)	
Other					
agencies					

### 33. Teaching methods adopted to improve student learning

- Teaching by the staff using black board, over head projector, power point presentation
- Students seminar by using black board, over head projector, power point presentation with the help of teacher
- Poster presentation by the students with the help of teacher
- Skit play in groups each unit by the students with the help of teacher
- Model preparation in groups for each units with help of teacher
- Extension of each unit in the society from where the students through skit play, awareness talk, meetings, Group discussion etc.
- Discussion of real time case studies with the students
- Students are asked prepare charts, tables and visual clues to demonstrate the concepts they have learned.

# 34. Participation in Institutional Social Responsibility (ISR) and Extension activities

Department's students are part of

- National Service Scheme (NSS)
- Youth Red Cross (YRC)
- Red Ribbon Club (RRC)
- Consumer Awareness Club
- Women's Development Cell
- VERSATALIA -Commerce Association

- CURA -BBA Association
- MAGIS MBA Association

The activities are as follows

#### **Consumer Awareness Club Activities**

- Consumer Awareness rally organized by our college Consumer club on 24.12.2013. It was coordinated by Mrs.K.Ambigeswari, Mr.D.Sundramoorthy and Mr.P.Sasikumar. Asst Prof.of Commerce, BBA, and.MBA respectively.500 student of both UG and PG has participated in the rally.
- To create awareness on investment port-folio among the commerce students a training programme was conducted with the ministry of Corporate affairs on 08.02.2014
   Women Development Cell
- To create awareness among the women's community Women
  Development Cell was organized by our department. It was
  coordinated by Mrs.B.Jeeva Rekha, Asst. Prof. of Commerce. All
  the UG & PG students of commerce and management enrolled
  themselves as the member of WDC.
- Awareness on "Mind An Invisible Helper" was conducted on 20<sup>th</sup> February, 2014 at 10.00 a.m.to 3.45 p.m. for our I & II year UG and PG students of commerce & Management studies.
- Awareness on "Organic Farming and Global Warming" to our final UG and PG students of commerce & Management studies around 600 students (300 students per session(FN & AN))on 04-03-2014(Tuesday) at 10.00 a.m.to 3.45p.m

### 35. SWOC analysis of the department and Future plans

STRENGTH	WEAKNESS
<ul> <li>Qualified and well experienced faculty members</li> <li>Well equipped Digital Library.</li> <li>Coaching classes are conducted for TNPSC, NET, SET, BSRB, SSC etc.</li> </ul>	• Staff stability
OPPORTUNITY	CHALLENGES
<ul> <li>After UG, Students have the Opportunity to select the various fields for their higher studies.</li> <li>Students have the wide Opportunity for Government Job.</li> <li>Students can do research work with fund</li> </ul>	High competition, Creating awareness among the students

#### **FUTURE PLANS**

- To promote the commerce & management as a leading research center
- To enrich the students' knowledge in the field of CA, ICWA, ACS the department has planned to open the respective chapters in the college.
- Encourage students to conduct research for sustainable development of Society and Nation.
- Develop students to publish papers in highly reputed journals
- Evolve patentable work for future human needs
- To offer certificate programmes in all functional areas of management & commerce to working professionals.
- To establish separate admission test for commerce & management
- Evolve students to join nationally and internationally reputed organizations

# DEPARTMENT OF COMPUTER APPLICATIONS

Q. No.	Information required		Details	
1	Name of the department	COMPUTER APP	LICATIONS	
2	Year of establishment	B.C.A	1998-1999	
3	Programmes / courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.)	B.C.A		
4	Names of Interdisciplinary courses and the departments/units involved	Nil		
5	Annual / Semester / Choice Based Credit Systems	Semester patter: System	n and Choice Based Credit	
6	Participation of the department in the courses offered by other departments	Courses	Department	
	departments	B. C.A Allied	Mathematics Commerce and Management	
		B.C.ALanguage	English, Tamil	
		B. Sc. Non Major Elective	Mathematics and all other departments	
		B. Sc. Skill Based Elective	Soft Skill and all other departments	
		Extra disciplinary course	Value Education and Environmental Studies - Microbiology	
		Add-on-Course	All UG and PG Departments	
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 and Filled

Designation	Sanctioned	Filled
Professor	1	1
Associate Professor	3	3
Assistant Professor	22	22



### 10. Faculty Profile

S. No.	Name	Qualification	Designation	Specialization	Experience (years)
1	Ms. P. Sharmila	MCA.,M.Phil.,(P.hD)	Professor	Data Mining,	15.05
2	Mr. G.Kesavaraj	M.Sc.,M.Phil.,MCA.,	Asso.Professor	Data Mining, Operating System	13.6
3	Hr.J.Arockiaraj	MCA., MBA., M.D (ACu)., M.Sc. (Psy)	Asso.Professor	Data Mining,	13.11
4	Dr.P.Premdelphy	M.Sc.,M.Phil.,Ph.D	Asso. Professor	Mathematics	11.10 Yrs
5	Mrs.N.Kohila	M.Sc.,M.Phil.,MCA.,	Asso.Professor	Networking	11.09
6	Ms.B.R.Kavitha	MCA.,M.Phil	Asso.Professor	Data Mining, Software Engineering	10.8
7	Mrs. S.Anitha	MCA.,M.Phil.,(P.hD)	Asso.Professor	Mobile Computing	10.05
8	Mrs.P.Kowsalyadevi	MCA.,M.Phil.,	Asso.Professor	Networking	10.05
9	Ms.A.Sankareswari	MCA.,M.Phil.,	Asso.Professor	Object Oriented Technologies	09.06
10	Ms.S.Tamilselvan	MCA.,M.Phil.,	Asso. Professor	JAVA and OOPS	8.09
11	Mr.M.Karthik	MCA.,M.Phil.,	Asso. Professor	Mobile Communication	8
12	Ms.S.Srimathi	MCA.,M.Phil.,	Asso. Professor	Graphics and Multimedia	8
13	Mrs.V.Kannagi	M.Com., M.Phil.,	Asso.Professor	Financial Accounting, Management Accounting	7.11
14	Ms.D.Kalaivani	MCA.,M.Phil.,	Asso. Professor	Mobile Computing	7.06
15	Ms.S.Kavitha	MCA.,M.Phil.,	Asso. Professor	Object Oriented Programming	7.05
16	Dr.S.Dhandapani	MA., B.Ed., M.Phil., MA(Edn)., Ph.D.,	Asso. Professor	General Tamil	7.4
17	Ms. A.K.Sathiyabama	M.Sc.,M.Phil.,	Asso. Professor	Networking	6.10
18	Ms.J.Kokilavani	MCA	Asso. Professor	Web Technology	5.10
19	Mrs.N.Kowsalya	M.Sc.,M.Phil.,	Asso. Professor	Networking, Software Engineering	5.04
20	Ms.L.Nisha	MCA.,M.Phil.,	Asso. Professor	Web Technology	5 Yrs
21	Ms.Y.Yogeswari	M.Sc.,	Assi. Professor	Fuzzy Topology, Differential Equations	3.10 Yrs
22	Mrs.S.Sabitha	M.Sc.,M.Phil.,	Assi. Professor	Networking	3.07
23	Mrs.M.Mythili	M.Sc.,M.Phil.,	Assi. Professor	Networking	3.05
24	Mr.M.Rajesh	MCA	Assi. Professor	Web Technology	2.10Yrs
25	Ms.S.Narmadha	M.Sc.,M.Phil.,	Assi. Professor	Data Mining	2.9
26	Mr.A.Muthukannan	MA., B.Ed.,	Assi. Professor	Indian Writing	1.06

Q. No.	Information required		De	tails
11	List of senior visiting	Nil		Nil
	faculty			
12	Percentage of classes taken by temporary Faculty		]	Nil
13	Student-Teacher Ratio		В.	.C.A
	(Programme-wise)		2	0:1
14	Number of academic support	Sanction	ned	Filled
	staff and administrative staff sanctioned and filled	3		3
15	Qualifications of teaching	Please refer S. No. 10		
	faculty with DSc/ D.Litt/			
	Ph.D/ MPhil / PG.			
	Diversity of Staff Percentag	e of facul	ty who	are graduates
	Of the same parent Univers	ity	10 ou	t of 26
	From other Universities wit State	m other Universities within the ite  mber of Faculty who were arded Ph.D., D.Sc., and D.Litt.,		
	Number of Faculty who were awarded Ph.D., D.Sc., and D during the assessment Period			

### 16. Number of Faculty with On-going projects

S. No.	Name of the Faculty	National/ International	Funding agency	Grants received (Rs.)
1	Ms. P. Sharmila	National	Institutional	50,000.00
2	Mr. G.Kesavaraj	National	Institutional	40,000.00
3	Hr.J.Arockiaraj	National	Institutional	30,000.00
4	Dr.P.Premdelphy	National	Institutional	20,000.00
5	Mrs.N.Kohila	National	Institutional	40,000.00
6	Ms.B.R.Kavitha	National	Institutional	30,000.00
7	Mrs. S.Anitha	National	Institutional	40,000.00

### 17. Department Projects Funded by DST-FIST, DBT, ICSSR, etc., and total grants received

Ni1

### 18. Research Centre /facility recognized by the University

Ni1

### 19. Publication

Information required	Deta	ils	
Publication per faculty			
Number of papers published in peer	International	National	
reviewed journals (national /international) by faculty and students	Nil	Nil	
Number of publications listed in International			
Database (For Eg: Web of Science, Scopus,	Nil	Nil	
Humanities International Complete, Dare			
Database - International Social Sciences			
Directory, EBSCO host, etc.)	7.71		
Monographs	Nil		
Chapter in Books	Nil		
Books Edited	Nil		
Books with ISBN/ISSN numbers with details of	Nil		
publishers			
Citation Index	Nil		
SNIP	Nil		
SJR	Nil		
Impact factor	Nil		
h-index	Nil		

Q. No.	Information required		Details				
20	Areas of Consultancy and income generated		Nil				
21	Faculty as members in	National International Editor					Editorial
		comm	nittees	Commi	ttees		Boards
		N	iil	Nil			3
	Faculty Recharging Strategies	<ul> <li>Faculty Development Programme         Deputing faculty to attend and present papers in National/International Level Seminar/Conferences .     </li> <li>Appreciation extended to the staff for publishing articles in the journals</li> </ul>					present al Level aff for
	Student Projects	2009-10   2010-11   2011-12   2012-13   2013-					2013-14
22	Percentage of students who have done in-house projects including inter departmental/programme						100

# 23. Awards / Recognitions received by faculty and students Faculty

#### NIL

#### **Students**

S. No.	Year	Gold Medals	Total Ranks
		UG	UG
1	2009-10	-	1
2	2010-11	-	-
3	2011-12	1	-
4	2012-13	-	-

### 24. List of eminent academicians and scientists / visitors to the department

Year	Special Lectures	Name of the External Experts
2013-14	WDC Impact on Malnutrition  WDC Sanitary Awareness Programme	Mrs.Gayalvizhi, Asst.Professor of Vivekanandha Medical Care Hospital Mrs.Geetha Elangovan, Media Communication Officer in Press Info Bureau, Chennai
	WDC Awareness Programme –Basics First Aid	Mr.S.K.Rajkumar,M.P.T, Principal, VMCH.
	WDC Awareness Programme –Sanitary Hygenic	Jennerian Club Members, Dept of MB,Vicas.



# 25. Seminars/ Conferences/Workshops organized & the source of funding

- a) National
- b) International

Year	Name of the seminar/ Workshop organized by the department	Date	Number of participants	Source of funding	Seminar workshop outcome
2010- 11	DOT NET Framework	30.08.2010 to 02.09.2010	148	Management	To create awareness on NET Fundamentals
	ASP.NET	2.09.2010	130	Management	To Provide overview on web creating software
	DOT NET Framework	07.09.2010	127	Management	To create awareness on. NET Fundamentals
	One Day state level workshop on MAT LAB	27.01.2011	184	Management	To create awareness on .MATLAB fundamentals
	Technical symposium Virtuosity- 2011	25.02.2011	180	Management	Creating platform for the students to exhibit talents on various events
	PHP Programming with Flash	08.10.2010	110	Management	Web Page creating software awareness
	Hardware Networking	12.10.2010	132	Management	To provide knowledge on hardware basics and its fundamentals to the students
	PHP Programme	20.01.2011	160	Management	Web Page creating package awareness
	Web Technology	08.02.2011	150	Management	Web based techniques and its fundamentals
	Personality Development	11.02.2011	157	Management	Soft skill awareness is given to the students
	J2EE Technology	02.03.2011	168	Management	Web server technology fundamentals have been explained

Year	Name of the seminar/ Workshop organized by the department	Date	Number of participants	Source of funding	Seminar workshop outcome
2011- 12	. NET ASP.NET and SQL	18.07.2011 to 19.07.2011	179	Management	Web server technology fundamentals have been explained
	PHP Programming	04.08.2011 To 05.08.2011	156	Management	Web server technology fundamentals have been explained
	PHP Programming	08.08.2011 to 11.08.2011	161	Management	Web server technology fundamentals have been explained
	.NET ASP.NET and SQL	01.08.2011 to 02.08.2011	183	Management	Web server technology fundamentals have been explained
	Recent trends in Information Technology	17.02.2012	162	Management	Recent technology awareness have been explored
	PHP programming with Flash	06.07.2011	165	Management	Web server technology fundamentals have been explained
	.NET programming	13.07.2011	174	Management	Web server technology fundamentals have been explained
	PC Hardware	15.07.2011	168	Management	Hsrdware components awareness and trouble shooting techniques have been explained
	LINUX and Online Certification Courses	20.07.2011 & 21.07.2011	161	Management	Linux open source technology was explained
	Multimedia Animation	26.07.2011 & 27.07.2011	179	Management	Graphics fundamentals and its impacts have been explained

	Name of the				
Year	seminar/ Workshop organized by the department	Date	Number of participants	Source of funding	Seminar workshop outcome
2011-	Multimedia Animation	29.07.2011	166	Management	Graphics fundamentals and its impacts have been explained
	CCNA	12.07.2011	184	Management	Hardware and its trouble shooting methods explained
	LINUX and Online Certification courses	20.07.2011	182	Management	Linus open source operating system have been explined
	Personality development	27.07.2011	176	Management	Soft skill development
	Software Testing	29.07.2011	190	Management	Testing fundamentals
	PC Assembling & TroubleShooting And Networking essential	26.08.2011	185	Management	Networking Skills
2012- 2013	Workshop on PHP Programming	10.08.2012	162	Management	Hands on training programme for PHP progrsmme
	work shop on .Net Programming	17.08.12	170	Management	Hands on training programme for .NET programme
	National seminar on Emerging Trends and wireless Technology	18.08.12	150	Management	Wireless technology have been explained
	Workshop on System software and hardware troubleshooting	29.12.12	164	Management	To create awareness oabout hardware
	Workshop on Linux Programming	31.01.13	220	Management	Basics of LINUX
	Technical symposium	20.02.13	212	Management	To create awareness on recent technology invention
	National Level Symposium	21.02.13	217	Management	To create awareness on recent technology invention
	INFO Innovo Meet - 13	26.02.13 & 2702.13	205	Management	To create awareness on recent technology invention

Year	Name of the seminar/ Workshop organized by the department	Date	Number of participants	Source of funding	Seminar workshop outcome
2013- 14	Inauguration of IT Seminar Hall Programme- Networking	19.08.13	54	Management	Fundamentas of Networking have been given
	NET/SLET Eligibility Exam Coaching	25.09.13	90	Management	Basics of computation and model questions explained
	Bio-Inspired Computing	04.10.13	85	Management	Different computing environment have been explained
	Basic View on Project & Development Cycle	21.12.13	109	Management	Project life cycle importane have been given
	Project Life Cycle	24.12.13	54	Management	Project life cycle importance have been given
	Counseling And Motivational Programme	04.01.14	645	Management	Soft skill and motivational programme
	Motivational Programme	25.01.14	218	Management	IncreasinSelf Confidence
	Database Connectivity Using VB & .NET Programming	27.01.14	484	Management	Database importance and its connectivity have been explained
	Research Methodology	28.01.14 (FN)	20	Management	Various methods in Research were explained
	Importance Of Soft Skill Towards Campus Placement	28.01.14 (AN)	216	Management	Soft skill training
	Multimedia Flash	05.02.14	120	Management	Multi media importance have been explained
	OOPS Through JAVA	06.02.14	370	Management	JAVA and OOPs structure were explained

Year	Name of the seminar/ Workshop organized by the department	Date	Number of participants	Source of funding	Seminar workshop outcome
	Basics of 'C' Programming	06.02.14	218	Management	Basic "c" structure
	Soft Skill Development Programme	11.02.14	197	Management	Softskill and motivational programme
	Motivational Talk	14.02.14	362	Management	Softskill and motivational programme
	Laptop Hardware Service	17.02.14	383	Management	Hsrd ware and laptop servicing

### 26. Student profile programme/course wise:

Year	Name of the	Applications	Enr	olled	Pass Per	centage
	Course	Received	Male	Female	Male	Female
2009-10	B.C.A.,	160	-	148	-	99
2010-11	B.C.A.,	262		184		98
2011-12	B.C.A.,	213		162		96
2012-13	B.C.A.,	240		220		95
2013-14	B.C.A.,	63		59		NA

### 27. Diversity of Students admitted

Courses	% of students from the state	% of student from other state	% of students from Abroad				
	20	09-10					
UG	152	8	-				
	2010-11						
UG	184	0	1				
	20	11-12					
UG	156	6					
	2012-13						
UG	220	0	-				
	2013-14						
UG	59	0					

# 28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.?

### 29. Student progression

Student Progression	Against % enrolled					
Student Flogression	2009-10	2010-11	2011-12	2012-13	2013-14	
UG to PG (%)	56	45	50	20	23	
Employed						
<ul> <li>Campus selection</li> </ul>						
<ul> <li>Other than campus</li> </ul>						
recruitment	144					
Entrepreneurship/Self-						
employment						

#### 30. Details of Infrastructural facilities

Information required	Details				
Library	Central	Books	914		
	library	Magazine	10		
		Projects	300		
		CD	50		
		Journal	National - 10		
			International – 7		
	Department	Books	160		
	library	Projects	-		
		CD	8		
Internet facilities for		Icenet, 4Mb	ops		
staff & students					
Total number of class	18				
rooms					
Class rooms with ICT	02				
facilities					
Student's laboratories	10				
Research laboratories	01				

### 31. Number of students receiving financial assistance from college, university, government or other agencies

Number of Students	2009-10	2010-11	2011-12	2012-13	2013-14
College			14	10	8

### 33. Teaching methods adopted to improve student learning

- Demo Based Teaching Method, ICT methodology
- Video based teaching
- Programming through demonstration and on hands training method
- Poster presentation by the students with the help of teacher
- Group Discussion and debate
- Skit play in groups each unit by the students with the help of teacher
- Extension of each unit in the society from where the students through skit play, awareness talk, meetings, etc.

# 34. Participation in Institutional Social Responsibility (ISR) and Extension activities

Department's students are part of

- National Service Scheme (NSS)
- Youth Red Cross (YRC)
- Red Ribbon Club (RRC)
- Consumer Awareness Club
- Women's Development Cell
- Hypher Cyber Association

The activities are as follows

S. No.	Date	Name of the Event	Description
1	24.12.13	VIIMS Visit	VIIMS Infrastructure.
2	24.12.13	Rally	World Consumer Day , Rally at Tiruchengode.
3	29.01.14	Personality Development Programme	Mr.A.C.Alexander Vais, Trainer, VICAS.
4	12.02.14	RRC Function	Aringar Anna Govt Arts College, Namakkal.
5	03.03.14 to 09.03.14	NSS Special Camp	Pazhakkarankadu, Periyamanali panchayat
6	07.03.14	Women Achievers	II BCA – "D"

#### **Hyper Cyber Association**

 Motivational Programme, Yoga and Mental health Programme, Counseling for individual students, Hygienic and health Awareness Programme, First aid Programme through Women Development Cell. Symposium and Club activity Programs like

S. No.	Date	Name of the Event	Participants	Class Strength
1	08.02.14	Intra Course Meet	III BCA	164
2	15.02.14	Intra Course Meet	BCA	280
3	27.02.14	Intra Course Meet Tamil & English Department	I BCA	59
4	01.03.14	Cultural Symposium	BCA	200
5	04.03.14	National Technical Symposium - AKSHAYAM	Dr. J.Sathish kumar, Asst Prof of Computer Science, Bharathiyar University, Coimbatore.	1555(Our Students) 192 (Other Institutions)

### 35. SWOC analysis of the department and Future plans

STRENGTH	WEAKNESS
• Well equipped Digital Library.	Staff stability
• Safety and Security for hostel inmates.	Lack of interest for
• Qualified faculties for each discipline.	higher studies.
• Extended transport mechanism for	
students and staff.	
OPPORTUNITY	CHALLENGES
• Placement for deserving students.	<ul> <li>Challenges on bringing</li> </ul>
Management contribution for	below average students
physically disabled students.	into extraordinary
• Providing free education/fee	students
concession for the daughter of non	Challenges in minimizing
teaching staff	absenteeism after a long
• Students have the Opportunity to	holiday
select various fields for their higher	• High competition,
studies.	Creating awareness
• Students have the wide Opportunity for	among the students
Government Job.	
• Students have the opportunity to do	
research work with fund	

#### **FUTURE PLANS**

Planned to apply for the projects through various funding agencies like AICTE,ICMR and CSIR

Planned to identify thrust areas in the field of computer Science and undergo Projects for the benefit of society.

Planned to motivate the staff to publish papers in the National and Imternational Journals

Motivated the staff to present papers in National / International Conferences.

Planned to establish research centre

Motivated students to participate Intercollegiate competetions and obtained awards.

Evolve students to join nationally and internationally reputed organizations

Encourage students to conduct research for sustainable development of human beings

Develop students to publish papers in highly reputed journals



### DEPARTMENT OF COMPUTER SCIENCE

Q. No.	Information required		Details	
1	Name of the department	COM	MPUTER SCIENCE	
2	Year of establishment	B. Sc, M. Sc, M. Phil	1995-1996 1998-1999 2012-2003	
3	Programmes / courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.)	B.Sc, Computer Science 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 Systems	UG and PG M. Phil.	Semester pattern and Choice Based Credit System – Annual pattern and Choice Based Credit System	
		Courses	Department	
		B. Sc Allied	Commerce Mathematics	
		B.ScLanguage	English, Tamil	
	Participation of the department	B. Sc. Non Major Elective	Mathematics	
6	in the courses offered by other departments	B. Sc. Skill Based Elective	Commerce, Mathematics, Business Administration and all other departments	
		M. Sc. Elective and Extra disciplinary course	Mathematics, Business Administration	
		Add-on-Course	All UG and PG Departments	
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 and Filled

Designation	Sanctioned	Filled
Professor	5	5
Associate Professor	09	09
Assistant Professor	31	31

### 10. Faculty Profile

S.No	Name	Designation	Qualification	Specialization	Teaching Experience
1	Dr.P Arul	Professor	M.Sc.,M.Phil.,Ph.D	Networking	14 Years 8 Months
2	Dr. S. Dhanalakshmi	Professor	MCA.,M.Phil.,Ph.D	Network security	14 Years 6 Months
3	Dr.K.Gokulnath	Professor	MCA.,M.Phil.,Ph.D	Data Mining	13 Years
4	Dr.P.Sumitra	Professor	M.Sc.,M.Phil.,MCA.,Ph.D	Digital Image Processing	11 Years 9 Months
5	Dr.K.C.Maruthanayagam	Professor	MCA.,M.Phil.,Ph.D	Data Mining	11 Years 9 Months
6	Dr.P.Boopathy	Professor	ME.,Ph.D	Artificial Intelligence	9 Years
7	Mr.M.Chinnusamy	Asso.Prof	M.Sc.,M.Phil	Networking	16 Years 5 Months
8	Mrs.R.Valarmathi	Asso.Prof	M.Sc.,M.Phil	Networking	16 Years
9	Mr.S.Rajasekaran	Asso.Prof	M.Sc.,M.Phil	Data Mining	15 Years 5 Months
10	Mr.T.Selvakanan	Asso.Prof	M.Sc.,M.Phil.,B.Ed	Networking	14 Years 8 Months
11	Mrs.S.Ratha	Asso.Prof	M.Sc.,M.Phil	Data Mining	13 Years 2 Months
12	Mrs.S.Mahima	Asso.Prof	MCA.,M.Phil	Computer Networking	12 Years 3 Months
13	Mrs.N.Hema	Asso.Prof	M.Sc.,M.Phil	Data Mining	11 Years 9 Months
14	Mr.P.P.Kaliappan	HOD & Asso.Prof	MCA.,M.Phil	Networking	11 Years
15	Mrs.C.Theebandra	Asso.Prof	M.Sc.,M.Phil	Networking	10 Years 3 Months
16	Mr.S.Muruganandam	Asst.Prof	M.Sc.M.Phil	Networking	9 Years 1 Month
17	Mr.V.Muhukumar	Asst.Prof	M.Sc.,M.Phil	Data Mining	8 Years 10 Months
18	Mrs.C.Aruljothi Meenakshi	Asst.Prof	M.Sc.,M.Phil	Software Engineering	8 Years 6 Months
19	Mrs.R.Subashini	Asst.Prof	M.Sc.,M.Phil	Database Management System	8 Years 1 Months

		_	_		
20	Mrs.M.Jothilakshmi	Asst.Prof	M.Sc.,M.Phil	Networking	8 Years
21	MrsR.Suguna	Asst.Prof	MCA.,M.Phil	Data Mining	7 Years 10 Months
22	Mrs.M.Santha	Asst.Prof	M.Sc.,M.Phil	Networking	6 Years 4 Months
23	Mrs.D.Ponniselvi	Asst.Prof	M.Sc.,M.Phil	Networking	5 Years 11 Months
24	Mrs.B.Kasthuri	Asst.Prof	MCA.,M.Phil	Networking	5 Years 10 Months
25	Mrs.S.Mythili	Asst.Prof	M.Sc.,M.Phil	Data Mining	5 Years 4 Months
26	Mrs.M.Malathi	Asst.Prof	MCA.,M.Phil	Database Management System	5 Years 2 Months
27	Miss.I.Dhanalakshmi	Asst.Prof	M.Sc.,MCA.,M.Phil	Software Testing	5 Years 1 Months
28	Mr.S.Srinivasan	Asst.Prof	M.Sc.,MCA	Operating System	5 Years
29	Mr.M.Sakthivel	Asst.Prof	M.Sc.,M.Phil	Data Mining	5 Years
30	Mrs.M.Kavitha	Asst.Prof	M.COM(CA).,M.Phil	Marketing	4 Years 10 Months
31	Ms.S.Ezhilarasi	Asst.Prof	MCA.,MBA	Software Engineering	4 Years 4 Months
32	Mrs.M.Barani	Asst.Prof	M.Sc.,M.Phil	Networkig	4 Years 3 Months
33	Mrs.D.P.Savithri	Asst.Prof	MCA.,M.Phil	Networking	3 Years 10 Months
34	Mr.T.Arunprakasam	Asst.Prof	M.Sc.,M.Phil	Software Engineering	3 Years 6 Months
35	Mrs.M.S.Saranya	Asst.Prof	M.Sc.,B.Ed	Data Mining	3 Years 4 Months
36	Mrs.M.Nithya	Asst.Prof	MCA.,M.Phil	Data Mining	2 Years 7 Months
37	Mr.C.Ranjithkumar	Asst.Prof	M.Sc.,M.Phil	Networking	2 Years 3 Months
38	Mrs.S.Narmadha	Asst.Prof	M.Sc.,M.Phil	Networking	2 Years 2 Months
39	Mr.K.Thanraj	Asst.Prof	MA.,M.Phil.,B.Ed	Comparative Literature	2 Years
40	Ms.T.Anupriya	Asst.Prof	MCA	Data Base Management System	1 Year 9 Months
41	Mrs.V.Sasikala	Asst.Prof	M.Sc.,M.Phil.,M.Ed	Differential Equations	1 Year
42	Ms.G.Thangam	Asst.Prof	MA.,B.Ed	Indian Writing in English	1 Year
43	Mrs.S.Anbukalpana	Asst.Prof	MA.,M.Phil.,B.Ed	Grammar	5 Months

44	Ms.E.Kalaivani	Asst.Prof	MA.,M.Phil.,B.Ed	Folklar	5 Months
45	Mrs.P.Ratha	Asst.Prof	M.Sc.,B.Ed	Differential Equations	5 Months
46	Mrs.J.Revathi	Asst.Prof	MCA.,M.Phil	Networking	4 Months

S. No.	Information required Details						
11	List of senior visiting faculty	Nil					
12	Percentage of classes taken by temporary Faculty			Nil			
13	Student-Teacher Ratio	B. Sc.	M. Sc.	M. Phil.			
10	(Programme-wise)	20:1	15:1	3:1			
	Number of academic support	Sanct	ioned	Fill	led		
14	staff and administrative staff sanctioned and filled	45+4 45+4			+4		
	Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil / PG.			Please refer S.No- 10			
4.00	Diversity of Staff Percentage of faculty who are graduates						
15	Of the same parent Univ	ersity		14 out of 45			
	From other Universities within the			31			
	State						
	Number of Faculty who awarded Ph.D., D.Sc., and	D.Litt.,		5			
	during the assessment P	'eriod					

#### 16. Number of Faculty with On-going projects: Nil

### 17. Department Projects Funded by DST-FIST, DBT, ICSSR, etc., and total grants received

Nil

#### 18. Research Centre / facility recognized by the University

Our department is recognized towards M.Phil Research Work. Well equipped wiFi enabled laboratory with Client Server Model is furnished for our researchers.

Separate and dedicated Multimedia Lab and Communication lab is provided for the better enhancement of research scholars.

A separate and dedicated Simulation Lab with a budget of Rs. 10, 00,000 /- is under process.

S. No	No. of Terminal	Lab	Configuration
1	32	Communication Lab	Intel Core 2 Duo 1.86GHz 1GB DDR II RAM 160GB Hard Disk (SATA) USB Optical Mouse 1.44MB Floppy Disk CD/DVD ROM 15" TFT Monitor, 104 Keyboard
2	58	Multimedia Lab	Core 2 Duo 2.53GHz 2 GB DDR II RAM 160GB Hard Disk Keyboard 104 Key PS2 HCL Mouse Scroll USB 17"Monitor LCD

#### 19. Publication

Information required	Det	tails	
Publication per faculty			
Number of papers published in peer reviewed	International	National	
journals (national /international) by faculty and students	-	17	
Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)	-	1	
Monographs		-	
Chapter in Books		-	
Books Edited	-		
Books with ISBN/ISSN numbers with details of publishers		1	
Citation Index		-	
SNIP		-	
SJR		-	
Impact factor		_	
h-index		_	

Q No.	Information required		Details		
20	Areas of Consultancy and	-			
	income generated				
		National	International	Editorial	
	Faculty as members in	committees	Committees	Boards	
21		Nil	Nil	Nil	
21		Conducting in house faculty development			
	Faculty Recharging Strategies	programs			
		Permitting faculty development program in			

		<ul> <li>Perm prese train both</li> <li>Facili both</li> <li>Facul</li> </ul>	enting/ching programments in house itate to in house in house	culty to connair seminal rams/work and other and other and other and other araged to page 2.	rs/ confere shops/exh institution subject ex institution	ences/ ibitions s spert
	Student Projects	2009-10	2010-11	2011-12	2012-13	2013-14
22	Percentage of students who have done in-house projects including inter departmental/programme	80	100	100	100	100

### 23. Awards / Recognitions received by faculty and students

### **Faculty**

#### NIL

#### **Students**

S. No.	Year	Gold Medals				Total	Ranks
		UG	PG	M. Phil.	UG	PG	M. Phil.
1	2009-10	1	-	-	2	1	-
2	2010-11	1	-	-	-	6	-
3	2011-12	1	1	-	2	2	-
4	2012-13	-	-	-	-	10	-
5	2013-14	-	1	-	-	1	-

# ${\bf 24.}\ List$ of eminent academicians and scientists / visitors to the department

Year	Special Lectures	Name of the External Experts		
	Multimedia	Mr.Karthik, Mr.Rajendran, (ALIAS Animation Education)		
	Advanced JAVA	Mr.Krishnamoorthy (NIIT)		
2000 10	Dot net technologies	Mr.Ashok Krishnan (United Info solution)		
2009-10	Importance of internal certificate & SAP	Mr.Ponsenthil, Mr.M.D.Vijayakumar (Access point (P) Ltd)		
	Neural Network	Mr.Thangavel, Periyar University		
	How to face IT Interview	Dr.Suresh, Principal, VCTW		
	PHP Programming with Flash	Mr.Prabhu & Mr. HariShankar 360 i Technologies,Erode		
	Hardware Networking	Mr.Dhanraj, IT Gateway Solutions,Erode.		
2010-11	PHP	Mr.Rajkumar in1Ventures Pvt. Ltd.,Chennai		
2010 11	Web2 Technology	Mrs. Hanna InbaRani, Asst. Professor, Dept. of CS, Periyar University, Salem		

		▼ ·
	Personality Development	Dr.Sivaprakasam, Director, Dept. of Commerce, VICAS, Tiruchengodu
	J2EE Technology	Mr.Mustaqua Ahamed, IT Gateway Solutions, Erode.

Year	Special Lectures	Name of the External Experts
	PHP Programming with Flash	Mr.Selvam (United Info Solutions, Erode)
	.NET Programming	Mr.Selvam (United Info Solutions, Erode)
	PC Hardware	Mr.Selvam (United Info Solutions, Erode
	LINUX and Online Certification Courses	IT Gateway Solutions, Erode
	Multimedia Animation	S2I Vector Animation Academy, Erode
	Multimedia Animation	S2I Vector Animation Academy, Erode
	PHP Programming with Flash	Mr.Selvam (United Info Solutions, Erode)
2011-12	CCNA	Mr.Frathosh (United Info Solutions, Erode)
	LINUX and Online Certification Courses	E.B.S. PRAKASH (IT Gateway Solutions, Erode)
	Personality development	Mr. PARIVALLEL, Director (DMW Training Center, Perundurai)
	Multimedia Animation	S2I Vector Animation Academy, Erode
	Software Testing	Mr. N .Sivakumar ,Project Leader (Societe General Global Solution Center pvt Ltd, Banglore)
	PC Assembling & Trouble Shooting and Networking essential	Mr.Kalliprakash (Indiacan Education pvt Ltd)
	Guest Lecture on Online Network Certification	IT Gateway Solutions, Erode
	Inspiration and motivation programme	Ms.Brindha Jayaram, Chennai
	Current Scenario of software industry in	Mr.Vijayakumar, Regional Manager,
2012-13	recruitment Process	STC tech.Pvt, Ltd, Chennai
2012-13	Hands on Trajan on Network on Simulator NS2	K.Sundaresh, CEO, Eulsium Technology, Madurai
	Guest Lecture on Distributed system and web services	Dr. H.Hannah Inbarani, Assistant Professor, Department of Computer Science, Periyar University, Salem-11
	Basic View on Project & Development Cycle	Ms.A.Kangaiammal, Asst. Professor of Computer Science, Govt. Arts College, Salem-7
	Guest Lecture: Counseling And Motivational Programme	Mrs. Sumathi, FORMER Asst. Professor of Tamil, P.K.R Arts College for Women, Gobi-7.
2013-14	Guest Lecture: Motivational Programme	Mrs.Dhanamanivengadapathi, Announcer in all India Radio, Anchor in Pothigai, Coimabatore.
	Guest Lecture: Database Connectivity Using VB & .NET Programming	Mrs.R.Tamilarasi, MD Technical Staff, SARA Computers,Namakkal.
	Guest Lecture: Research Methodology	Mrs.S.Kavitha, Head & Professor/MBA, VIIMS.
	Guest Lecture: Importance of Soft Skill	Mr.M.Saravanan,
	Towards Campus Placement	Placement Officer ,VICAS
	Personality Development Programme	Mr.A.C.Alexander Vais, Trainer, VICAS
	Women's Development Programme:Impact on	Mrs.Gayalvizhi, Asst.Professor of Vivekanandha
	Malnutrition	Medical Care Hospital
	Sanitary Awareness Programme	Mrs.Geetha Elangovan, Media Communication Officer In Press Info Bureau,Chennai
	Motivational Talk	Mrs.Geetha Manivannan Motivational Programmer,Erode
	Laptop Hardware Service	Mr.R.Karthikeyan,Lab Assistant,VCEW
	National Technical Symposium-Akshayam- 2014	Mr.J.Satheesh Kumar, Asst.Prof, Dept of Comp Applications School of Comp Science, Bharathiyar University,Coimbatore



# 25. Seminars/ Conferences/Workshops organized & the source of funding

### a) National

### b) International

S. No.	Year	Name of the seminar/ Workshop organized by the department	Date	Number of participants	Source of funding	Seminar workshop outcome
1	2009- 2010	National level Seminar	02.03.2010	300	Management	Improved the student ability
2	2010- 2011	One Day State level Workshop On MAT LAB	27.01.2011	7.01.2011 482 Management		Nature of bonding
3	2011- 12	Technical Symposium Virtuosity- 2011	25.02.2011	561	Management	Forum for hidden talent
4	2011- 2012	Recent trends in Information Technology	17.02.2012	190	Management	Route to New Technology
5	2012- 2013	National Seminar on Emerging Trends and Wireless Technology	18.08.2012	198	Management	Motivated towards Research work
6	2013- 2014	National Technical Symposium- Akshayam-2014	04.03.2014	765	Management	Motivated the student's ability

### 26. Student profile programme/course wise:

Year	Name of the	Applications	Enrolled		Pass Per	centage
	Course	Received	Male	Female	Male	Female
2000 10	B. Sc.,	288		210		50.73
2009-10	M. Sc.,	130		89		82.41
0010 11	B. Sc.,	350		272		51
2010-11	M. Sc.,	155		111		90.7
0011 10	B. Sc.,	377		307		56
2011-12	M. Sc.,	135		104		78
0010.10	B. Sc.,	375		314		62
2012-13	M. Sc.,	158		99		82
	M.Phil.	65		20		100
2013-14	B. Sc.,	177		139		78
2013-14	M. Sc.,	56		45		100
	M.Phil.	90		20		100

### 27. Diversity of Students admitted

Courses	% of students from the state	% of student from other state	% of students from Abroad
	200	09-10	
UG	210	1	ı
PG	89	ı	ı
M. Phil.	-	-	-
		10-11	
UG	272	-	-
PG	111	-	-
M. Phil.	-	-	-
	20	11-12	
UG	307	-	-
PG	104	-	-
M. Phil.	-	-	-
	20	12-13	
UG	314	1	I
PG	99	1	I
M. Phil.	13	ı	1
	20	13-14	
UG	139	-	-
PG	97	-	-
M. Phil.	18	-	=



28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.?

02

### 29. Student progression

Student Duesnessien	Against % enrolled					
Student Progression	2009-10	2010-11	2011-12	2012-13	2013-14	
UG to PG (%)	27	31	28	17	46	
PG to M. Phil. (%)	-	-	-	65	90	
PG to Ph. D.	-	-	-	-	-	
Ph. D. Post-Doctoral	-	-	-	-	-	
Employed						
<ul> <li>Campus selection</li> </ul>	48	48	34	11		
<ul> <li>Other than campus recruitment</li> </ul>	22	25	38	26		
Entrepreneurship/Self- employment	43	38	43	39		

#### 30. Details of Infrastructural facilities

Information required	Details				
Library	Central	Books	2178		
	library	Magazine	18		
		Projects	999		
		CD	15		
		Journal	National - 35		
			International - 07		
	Department	Books	2043		
	library	Journal	National - 49		
			International - 24		
		CD	20		
		Magazine	29		
Internet facilities for					
staff & students					
Total number of class		21			
rooms					
Class rooms with ICT	03				
facilities					
Student's laboratories	05				
Research laboratories		02			

### 31. Number of students receiving financial assistance from college, university, government or other agencies

Number of Students	2009-10	2010-11	2011-12	2012-13	2013-14
College	12	26	18	30	17
University	-	-	-	-	-
Government	30 (Rs.1,07,175)	38 (Rs.1,59,480)	56 (Rs.3,07,440)	59 (Rs.2,47,680)	56 (Rs.5,04,850)
Other	-	-	-	-	-
agencies					

#### 33. Teaching methods adopted to improve student learning

- Teaching by the staff using black board, over head projector, power point presentation
- Students seminar using black board, over head projector, power point presentation with the help of teacher
- Poster presentation by the students with the help of teacher
- Skit play in groups each unit by the students with the help of teacher
- Model preparation in groups for each units with help of teacher
- Extension of each unit in the society from where the students through skit play, awareness talk, meetings, etc.

## 34. Participation in Institutional Social Responsibility (ISR) and Extension activities

Department's students are part of

- National Service Scheme (NSS)
- Youth Red Cross (YRC)
- Red Ribbon Club (RRC)
- Consumer Awareness Club
- Women's Development Cell
- Technocrazy -Department Association

#### **Consumer Awareness Club Activies**

• Consumer Awareness rally organized by our college Consumer club on 24.12.2014. It was coordinated by Ms. Santha M, Asst Prof., and Department of Computer Science. 30 student of both UG and PG has participated in the rally

### 35. SWOC analysis of the department and Future plans

STRENGTH	WEAKNESS
<ul> <li>Safety and Security for hostel inmates</li> <li>Qualified faculties for each discipline</li> <li>Extended transport mechanism for students and staff</li> </ul>	<ul> <li>Inferiority complex of the students</li> <li>Lack of interest for higher studies</li> <li>Motherhood and other related marital issues contribute to drop-out rate</li> </ul>
OPPORTUNITY	CHALLENGES
<ul> <li>Placement for deserving students</li> <li>Management contribution for physically disabled students</li> <li>Providing free education/fee concession for the daughter of non-teaching staff</li> </ul>	<ul> <li>Strives to build confidence among students</li> <li>Challenges on bringing below average students into extraordinary students</li> <li>Challenges in minimizing absenteeism after a long holiday</li> </ul>

#### **FUTURE PLANS**

- To introduce new certificate courses
- To offer skill oriented training programmes to non-teaching staff
- To improve language proficiency of under graduate students so as to enhance their job profile and ensure employability
- To build effective alumni network
- To develop the institution in to one with Potential for Excellence.
- Proposed to establish cabinated Staff room and Director Room.
- Proposed to establish cabinated Seminar hall and library at all the department.
- Proposed to initiate actions for Reaccredidation in the next academic year.

### **DEPARTMENT OF ENGLISH**

Q. No.	Information required		Details	
1	Name of the department	ENGLISH		
2	Year of establishment	B. A B.A.(C.A) M. A M. Phil.	1995 2003 2004 2009	
3	Programmes / courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.)	B.A English B.A.(C.A) M.A. English M. Phil. English		
4	Names of Interdisciplinary courses and the departments/units involved	Nil		
5	Annual / Semester / Choice Based Credit Systems	UG and PG M. Phil.	Semester pattern and Choice Based Credit System – Annual pattern and Choice Based Credit System	
6	Participation of the department in the courses offered by other	Courses	Department	
	departments	B. A (C.A)Core	Computer Science	
		B.A.Language	Tamil	
		B. A. Non Major Elective	Bio Sciences, Tamil,Computer Science	
		Add-on-Course	All UG and PG Departments	
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 and Filled

Designation	Sanctioned	Filled
Professor	2	2
Associate Professor	1	1
Assistant Professor	65	65

### 10. Faculty Profile

Name	Qualification	Designation	Specialization	Experienc	No. of Ph.D. Students
				е	guided for the
				(years)	last 4 years
Dr.V.Govindarajan	M.A.,M.Phil,Ph.d	Professor	Translation	20 years	7 Ph. D.
		& HOD			Under Process
Dr.A.Murugesan	M.A.,(CIEFL)M.Phil	Professor	ELT, American	13	110003
J	, Ph.D		Literature,	years4	
			Phonetics	months	
Mrs.S.Sudha	M.A.,M.Phil	Asst.Prof.	Comparative	6 years	
			Literature	10 months	
Mrs.P.Arockia	M.A.,M.Phil	Asst.Prof.	American Literature	11 years	
Rajakumari				J T T T	
Mrs. S.Vanitha	M.A.,M.Phil	Asst.Prof.	Indian Writings in English	7 years	
Mr.J.Murugan	M.A.,M.Phil	Asst.Prof.	Language and Linguistics	6 Years	
Mrs.M.R.Maheshwari	M.A.,M.Phil	Asst.Prof.	Indian Writing in English	10 years	
Mr.M.Tamilselvan	M.A.,M.Phil,B.Ed	Asst.Prof.	British Literature	5 years	
Mr.S.Raja	M.A.,M.Phil,B.Ed,S	Asst.Prof.	British Literature	5 years 2	
N 17 O' 1	ET NA MEN I DE LE	A . D . C	T.'. 701 ' 0	months	
Mr.K.Sivakumar	M.A.,M.Phil,B.Ed,P GDJPR	Asst.Prof.	Literary Theories& ELT	2 years	
Mr.T.Venkatachalam	M.A.,B.Ed	Asst.Prof.	British Literature	2 years	
Mr.N.Ramesh	M.A.,M.Phil.,B.Ed	Asst.Prof.	British Literature	8 years	
Ms.T.Karthika	M.A,D.TEd	Asst.Prof.	Indian Writings	1 year 9	
Mrs.D.Kavitha	M.A.,M.Phil	Asst.Prof.	Common wealth	months 1 year 6	
Wits.D.Naviula	WI.A.,WI.I IIII	ASSL.1101.	Literature	months	
Mrs.Rs.Swarnalakshmi	M.A,M.Phil,	Asst.Prof.	Phonetics & Indian	7 years 7	
	PGDELT		Writings in English	months	
Mr.A.Sridhar	M.A.	Asst.Prof.	British Literature	1 year	
Dr. R.Bathri Dhevanath	M.A.,Ph.D SET	Asst.Prof.	ELT	4 years	
Mr.R.Chandrasekaran	M.A.,M.Phil,B.Ed	Associate .Prof.	Indian writing in English	10 years	
Mr.R.Muthukumar	M.A.,B.Ed	Asst.Prof.	Women's Writings in English	2 years 6 months	
Mrs.G.Ashlin Gladsy	M.A., B.Ed.,M.Phil	Asst.Prof.	Indian writings in English	1year 6 months	
Mr.B.Ragu	M.A.,B.Ed	Asst.Prof.	American Literature	2 years 6	
Ms.P.Ramya	M.A.,B.Ed	Asst.Prof.	Indian writings in	months Nil	

			English	
Ms.D.K.Priya	M.A.,B.Ed	Asst.Prof.	Indian writings in English	2 years
Ms.K.Saranya	M.A.,M.Phil	Asst.Prof.	British Literature	1 year
Ms.C.Priyadharshini	M.A.,M.phil	Asst.Prof.	Indian Writings in English	6 months
Mr.R.S.Singaravel	M.A.,M.A.,M.Ed.,M .Phil	Asst.Prof.	ELT	3 years 6 months
Mr.S.Vairamuniraj	M.A.,M.Ed	Asst.Prof.	Linguistics	5 years 4 months
Ms.R.Sindhuza	M.A.,B.Ed	Asst.Prof.	IWE	2 years 11 months
Ms.A.Eswari Thangam	M.A.,B.Ed	Asst.Prof.	ELT	1 year 9 months
Ms.T.Thenmozhi	M.A.,	Asst.Prof.	American Literature	1 year 11 months
Ms.R.Jeyanthi	M.A.,B.Ed	Asst.Prof.	American Literature	2 years
Ms.V.Chandra	M.A.,M.Phil, B.Ed	Asst.Prof.	American Literature	4 years 10 months
Mr.M.Elango	M.A.,M.Phil,B.ed	Asst.Prof.	IWE	2 years 10 months
Ms.K.Suvitha	M.A.,B.Ed	Asst.Prof.	Fiction	3 years 8 months
Mr.G.Manikandan	M.A.,B.Ed	Asst.Prof.	IWE	2 years
Ms.M.Lakshmi	M.A.,B.Ed	Asst.Prof.	Fiction	11 months
Ms.M.Jeyanthi	M.A.,B.Ed	Asst.Prof.	Fiction	11 months
Mr.G.Baskar	M.A.,	Asst.Prof.	IWE	11 months
Ms.M.Ramya	M.A.,B.Ed	Asst.Prof.	IWE	1 year
Ms.R.Abirami	M.A.,B.Ed	Asst.Prof.	IWE	1 year
Ms.S.Kaviya	M.A.,	Asst.Prof.	British Literature	1 year
Ms.S.Saranya	M.A.,D.Ted.	Asst.Prof.	American Literature	Nil
Ms.Geethamani	M.A.,B.Ed	Asst.Prof.	Indian Writings in English	1 year
Ms.Janani	M.A.,M.Phil	Asst.Prof.	British Literature	Nil
Mr.Vijay	M.A.,B.Ed	Asst.Prof.	IWE	
Mr.K.Lenin	M.A.,B.Ed	Asst.Prof.	IWE	2 years
Mr.G.Thangamani	M.A.,M.Ed	Asst.Prof.	Indian writing in English	1 year
Mr.K.Thanaraj	M.A.,B.Ed	Asst.Prof.	American Literature	2 years
Mr.A.Muthukannan	M.A.,B.Ed	Asst.Prof.	Indian Writings in English	3 years
Ms.G.Thangam	M.A.	Asst.Prof.	British Literature	1 year

Mr.S.Murali	M.A.,B.Ed	Asst.Prof.	IWE	3years
Ms.R.Kalaimathi	M.A.,B.Ed	Asst.Prof.	British Literature	2 years
Mr.Babu	M.A.,B.Ed	Asst.Prof.	American Literature	4 years
A.Saranya	M.A.,	Asst.Prof.	American Literature	1 year
A.Kushpoo	M.A.,	Asst.Prof.	British LIterature	1 year
A.Rajiv Gandhi	M.A.,M.Phil	Asst.Prof.	British LIterature	7 years
R.Brindha	M.A.	Asst.Prof.	IWE	1 year 2
				months
C.Senthil	M.A.,M.Ed	Asst.Prof.	Indian Writing in	3 years
			English	
M.Samuel Easter Raj	M.A., M.Phil	Asst.Prof	Indian Writing in	2 years 6
			English	months
B.Ajitha	M.A.,M.Phil	Asst.Prof	Indian Writing in	1years 6
			English	months

Q. No.	Information required		De	tails	
11	List of senior visiting	2			
	faculty				
12	Percentage of classes taken by			Nil	
	temporary Faculty				
13	Student-Teacher Ratio	B. A.	M. A.	M. Phil.	
	(Programme-wise)	20:1	18:1	3:1	
14	Number of academic support	Sanct	ioned	Fill	led
	staff and administrative staff	2		1	L
	sanctioned and filled				
15	Qualifications of teaching	<b>ng</b> Please refer S. No. 10			
	faculty with DSc/ D.Litt/	<i>'</i>			
	Ph.D/ MPhil / PG.				
	Diversity of Staff Percentage of faculty who are graduates				
	Of the same parent University 36				
	From other Universities within the				
	State 24				
	Number of Faculty who were	2			
	awarded Ph.D., D.Sc., and D.Litt.,				
	during the assessment Period				
	33 6 110 4000001110111 1 01100				

### 16. Number of Faculty with On-going projects NIL

S. No.	Name of the Faculty	National/ International	Funding agency	Grants received

### 17. Department Projects Funded by DST-FIST, DBT, ICSSR, etc., and total grants received

Ni1

### 18. Research Centre /facility recognized by the University

S. No.	List of major instruments

#### 19. Publication

National NIL NIL
NIL
NIL
men Novelists – A Critical ablisher - Publisher -VHNSN ahunagar ISBN 978-93- and Art of Women Novelists in alisher - VHNSN College, ar ISBN 978-93-81723-20-3 ajakumari ponses to Literature in English and VHNSN College, Virudhunagar as 1723-08-01 and Novelists – A Critical ablisher - Publisher -VHNSN ahunagar ISBN 978-93- ariewed journal and 19837 Vol.1 Feb.2014 and 19845 Vol.14 Apr.2014

*Literature* – Publisher – Sri Vasavi College, Erode ISBN 978-93-83083-47-3

**2.**The Mind and Art of Women Novelists in English – Publisher - VHNSN College, Virudhunagar ISBN 978-93-81723-20-3

#### Rs.Swarnalakshmi

- 1. Critical Responses to Literature in English Publisher -VHNSN College, Virudhunagar ISBN 978-93-81723-08-01
- **2.** *Indian Women Novelists A Critical Spectrum –* Publisher Publisher VHNSN College, Virudhunagar ISBN 978-93-81723-08-01
- **3**. Education in India Changes and Challenges- Publisher Raj College of Education, Madurai ISBN 938068630-7
- **4.** Socio Cultural Redemption in Comparative Literature – Publisher – Sri Vasavi College,Erode ISBN 978-93-83083-47-3
- **5**. The Mind and Art of Women Novelists in English Publisher VHNSN College, Virudhunagar ISBN 978-93-81723-20-3

#### A.Sridhar

- Socio Cultural Redemption in Comparative Literature – Publisher – Sri Vasavi College, Erode ISBN 978-93-83083-47-3
- **2.** The Mind and Art of Women Novelists in English Publisher VHNSN College, Virudhunagar ISBN 978-93-81723-20-3 **3.** Transpiring Trends in English Language and Literature –Publisher-N.M.S.S.Vellaichamy Nadar College, Madurai-ISBN- 9789384131017

#### **K.Sivakumar**

1. Transpiring Trends in English Language and Literature –Publisher-N.M.S.S.Vellaichamy Nadar College, Madurai-ISBN- 9789384131017

	R.Chandrasekaran 1. Indian Writing in English – Publisher - ISBN
Citation Index	
SNIP	
SJR	
Impact factor	
h-index	

Q. No.	Information required		Details			
20						
21	Faculty as members in	Nat	ional	Internat	ional	Editorial
		comn	nittees	Commi	ttees	Boards
		ľ	Vil	Nil		Nil
	Faculty Recharging Strategies	<ul> <li>Conducting in house faculty development programs</li> <li>Permitting faculty development program in other institutions</li> <li>Permitting faculty to conduct/ participate/ presenting/chair seminars/ conferences/ training programs/ workshops/exhibitions both in house and other institutions</li> <li>Facilitate to interact with subject expert both in house and other institutions</li> <li>Faculty encouraged to participate in Yoga classes in house</li> </ul>				
	Student Projects	2009-10	2010-11	2011-12	2012-13	2013-14
22	Percentage of students who have done in-house projects including inter departmental/programme	30	42	46	78	133

### 23. Awards / Recognitions received by faculty and students

#### **Students**

S. No.	Year	Gold Medals			4	Total:	Ranks
		UG	PG	M. Phil.	UG	PG	M. Phil.
1	2009-10	-	1	-	2	6	5
2	2010-11	1	-	1	5	2	4
3	2011-12	-	1	-	1	3	2
4	2012-13	-	1	_	-	1	-

## 24. List of eminent academicians and scientists / visitors to the department

Year	Special Lectures	Name of the External Experts
	Research Methodology	Dr.K.Kumarasamy, Professor,
2009-		Govt.Arts College, Salem
10	Indian writing in	Dr.C.Kannammal,Reader, J.K.K.N.
	English	College, Komarapalayam
	Diaspora Literature	Dr.T.Gangadharan, Professor, Govt.
2010-		Arts College, Salem
11	Literary Theories	Dr.Vadhapureeswaran, Professor,
		Vivekanandha College of Engineering
	_	for Women, Elayampalayam
	Imagery and	Prof.Azhagarasan, Associate
2010	Symbolism in Modern	Professor, Govt. Arts College, Salem
2012-	Trends	D 14 1111 D
13	Black Feminism	Dr.Mallika Ramasamy, Associate
		Professor, Vellalar College For
	Critical Trends from	Women, Thindal, Erode.
	Aristotle to Arnold	Dr.N. Seraman Principal, Thiruvalluvar Arts and Science
	Aristotie to Arifold	College Kurinjipiadi, Cuddalore.
		Conege Kurmijipiadi, Cuddaiore.
	Research	Dr. S.M. Shanthi Professor, Sankara
	Methodology:Search for	Arts and Science
	Research paper	College,Kanchipuram
2013-	English for	Prof .P. Vijaya Kumar , Chettinadu
14	Employability	Engineering College Puliyur Trichy
	English Language: A	Dr.R.Venkataraman HOD of English
	Diachronic	SCS VMV University Kanchipuram
	Deliberation	
	Highflying Fine Fingers	Dr.A. Asaithambi Associate Professor
		of English and Head of the
		Department, Government Arts
		College Nandhanam, Chennai-34



# 25. Seminars/ Conferences/Workshops organized & the source of funding

- a) National
- b) International

S.No	Year	Name of the seminar/ Workshop organized by the department	Date	Number of participants	Source of funding	Seminar workshop outcome
1	2009- 2010	State level Seminar on Indianness in Indian Writing in English	10.3.2009	520		To give a vivid idea on Indian Writing in English
2	2009- 2010	Workshop on Phonetics	9 <sup>th</sup> Sep 2009	60		Focused on practical training to the students on Pronunciation
3	2010- 2011	Workshop on Translation studies & job Opportunities	10 <sup>th</sup> August	250		Focused on medicinal plants & traditional medicines.
4		State level Seminar on politics of Cultural Identity and Ethnicity as reflected in the works of Post Colonial Writers	17 <sup>th</sup> Sep 2010	620		To give a bird's eye view on Post Colonial writers and their reflection on Cross-culturalism
5		Workshop on Career guidance and communication skills	3 <sup>rd</sup> Feb 2011	210		To enhance the communication skills of the students
6	2011-12	State level Seminar on Women in Introspection as seen in Black American Writing	20 <sup>th</sup> July 2011	680		To give an awareness on Black American Literature

7		Workshop on Enhancing Employability	14 <sup>th</sup> Sep 2011	150	To equip the students in improvising the job skills
8	2012- 13	State Level Symposium on Indian Writers in English	25 <sup>th</sup> July 2012	450	To make the students know the contemporary Indian writers in english
9		Workshop on English Language Teaching – Methods and Challenges	8 <sup>th</sup> August 2012	300	To Create an awareness on various innovative teaching methods
10		State level seminar on Dominance of Fate in Wessex Novels	6 <sup>th</sup> March 2013	350	To create an awareness on Thomas Hardy's usage of narrative techniques in his novels
11		National Symposium on Language and Technology	28 <sup>th</sup> Feb 2014	1200	To have a basic idea on the usage of Technology in Language teaching.

### 26. Student profile programme/course wise:

Year	Name of the	Applications	En	rolled	Pass P	ercentage
	Course	Received	Male	Female	Male	Female
2009-10	B. A.,	485		472		72
	M. A.,	41		41		97
	M.Phil	8		5		
	B. A.,	491		477		68
2010-11	M. A.,	57		50		96
	M.Phil	10		5		
	B. A.,	475		464		76
2011-12	M. A.,	80		72		96.5
	M.Phil.	6		3		
	B. A.,	454		445		75
2012-13	M. A.,	151		145		98
	M.Phil.	13		11		
2013-14	B. A.,	377		335		96
	M. A.,	70		64		98
	M.Phil	18		15		

#### 27. Diversity of Students admitted

Courses	% of students from the state	% of student from other state	% of students from Abroad				
	20	09-10					
UG	99	1					
PG	98	2					
M. Phil.	100						
	2010-11						
UG	91	9					
PG	95	5					
M. Phil.	100						
	20	11-12					
UG	93	7					
PG	96	4					
M. Phil.	100						
	20	12-13					
UG	94	6					
PG	94.5	5.5					
M. Phil.	100						
	20	13-14					
UG	100						
PG	95.6	0.7					
M. Phil.	93.3	6.7					

# 28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.?

2009-10	NIL	
2010-11	NIL	
2011-12	C.Boomathi	II MA TRB EXAM PASSED
	P.Elavarasi	II MA TRB EXAM PASSED
	R.Nithya	II MA TRB EXAM PASSED
	R.Sureka	II MA TRB EXAM PASSED
	K.R.Sangeethapriya	II MA TRB EXAM PASSED
2012-13	G.Punitha	III BA TNPSC Group II
	P.Parameshwari	III BA TET SELECTED
	C.Poongodi	II MA TRB EXAM PASSED
	P.Sakiladevi	II MA TRB EXAM PASSED
	S.Karthika	II MA TRB EXAM PASSED
	K.Vidhya	II MA TRB EXAM PASSED
2013 -14	R.Saradha	II MA TET EXAM CLEARED
	Indhirani	II MA TET EXAM CLEARED

#### 29. Student progression

Student Duegnessien		Aga	inst % enro	olled	
Student Progression	2009-10	2010-11	2011-12	2012-13	2013-14
UG to PG (%)	60	63	70	72	68
PG to M. Phil. (%)	53	48	51	44	46
PG to Ph. D.					
Ph. D. Post-Doctoral					
Employed					
<ul> <li>Campus selection</li> </ul>					
<ul> <li>Other than campus</li> </ul>					
recruitment	36	41	40	42	
Entrepreneurship/Self-					
employment					

#### 30. Details of Infrastructural facilities

Information required	Details				
Library	Central	Books	2178		
	library	Magazine	18		
		Projects	999		
		CD	15		
		Journal	National - 35		
			International - 07		
	Department	Books	2957		
	library	Projects	133		
		CD	65		
Internet facilities for		44 systen	ns		
staff & students					
Total number of class		20			
rooms					
Class rooms with ICT	2				
Facilities					
Student's laboratories	1				
Research laboratories		Nil			

# 31. Number of students receiving financial assistance from college, university, government or other agencies

Number of Students	2009-10	2010-11	2011-12	2012-13	2013-14
College	18	20	16	22	17

#### 33. Teaching methods adopted to improve student learning

- Teaching by the staff using black board, power point presentation
- Students seminar using black board, power point presentation with the help of teacher
- Poster presentation by the students with the help of teacher
- Skit play in groups each unit by the students with the help of teacher
- Model preparation in groups for each units with help of teacher
- Extension of each unit in the society from where the students through skit play, awareness talk, meetings, etc.

# 34. Participation in Institutional Social Responsibility (ISR) and Extension activities

Department's students are part of

- National Service Scheme (NSS)
- Youth Red Cross (YRC)
- Red Ribbon Club (RRC)
- Consumer Awareness Club
- Women's Development Cell
- Literati Department Association

The Activities are as follows:

#### **Consumer Awareness Club Activies**

 Consumer Awareness rally organized by our college Consumer club on 24.12.2014. It was coordinated by Ms. Kalaivani.S, Asst Prof., and Department of Biotechnology. 30 student of both UG and PG has participated in the rally

### 35. SWOC analysis of the department and Future plans

STRENGTH	WEAKNESS			
<ul> <li>Qualified and well experienced faculty members and their flexibility</li> <li>Staff diversity in Specialisations</li> </ul>	No MoUs signed and no funded Projects undertaken			
• Well equipped Lab.				
OPPORTUNITY	CHALLENGES			
<ul> <li>Very good infrastructure provided by the management</li> <li>Panel discussions on innovative teaching methods</li> </ul>	• To motivate, guide and improvise the standard of students from rural areas.			
FUTURE PLANS				
• To develop the Department into a research centre				

# DEPARTMENT OF INFORMATION TECHNOLOGY

Q. No.	Information required		Details		
1	Name of the department	COMPUTER TEC	CHNOLOGY/INFORMATION		
	•	TECHNOLOGY	,		
2	Year of establishment	B.Sc(IT)	2012-2013		
		B.Sc(CT)	2012-2013		
		M.Sc(IT)	2012-2013		
3	Programmes / courses offered		ION TECHNOLOGY		
	(UG, PG, M.Phil., Ph.D.,	B.Sc COMPUTER			
	Integrated Masters;	M.Sc INFORMAT	TON TECHNOLOGY		
_	Integrated Ph.D., etc.)				
4	Names of Interdisciplinary	Nil			
	courses and the				
_	departments/units involved	110 /00 0	1.01 ' D 1		
5	Annual / Semester / Choice	•	r pattern and Choice Based		
	Based Credit Systems	Credit System			
6	Participation of the department	Courses	Department		
U	in the courses offered by other	Courses	Department		
	departments	B.Sc IT and and	Mathematics		
	doparemones	B.Sc CT Allied	Commerce and Management		
		Bibe of Timed	Commerce and management		
		D 0 175 4 1	D 1: 1 / D '1		
		B.Sc IT. And	English, Tamil		
		B.Sc CT Language			
		B. Sc. IT and B.Sc	Mathematics		
		CT Non Major	Wattieffaties		
		Elective			
		B. Sc. IT and B.Sc	Office Automation and DTP		
		CT Skill Based	package		
		Elective			
		Extra disciplinary	Value Education and		
		course	Environmental Studies		
		Add-on-Course	All UG and PG Departments		
			1		
7	Courses in collaboration with				
	other universities, industries,	NIL			
	foreign institutions, etc				
8	Details of courses/programmes				
	discontinued (if any) with		NIL		
	reasons				

#### 9. Number of Teaching Posts Sanctioned and Filled

Designation	Sanctioned	Filled
Professor	NIL	NIL
Associate Professor	01	01
Assistant Professor	08	08

#### 10. Faculty Profile

Name	Qualification	Designation	Specialization	Experience (years)
Mrs. M. Kavitha	MCA.,M.Phil.,	Asso. Professor	Data Mining	6.6
Mr. J. Saravanakumar	M.Sc.,	Assi. Professor	Mobile Computing, Embedded System	3.8
Ms. B. Sathya	M.Sc[IT]., M.Phil.,	Assis. Professor	Networking, Image Processing	2.9
Ms. A.P. Reka	M.Sc., B.Ed., M.Phil.,	Assi. Professor	Networking	2.9
Mrs. K. Deepa	M.Sc., M.Phil.,B.Ed.,	Assi. Professor	Networking	2.8
Ms. S. Yasodha	M.Sc(SE).,	Assi. Professor	Data Mining	1.8
Mr.K.Lenin	MA., B.Ed.,	Assi. Professor	Indian Writing	1.10
Ms.V.Sathya	M.A.,	Assi. Professor	General Tamil	0.10

S. No.	Information required		De	tails		
11	List of senior visiting	Nil				
	faculty					
12	Percentage of classes taken by		]	Nil		
	temporary Faculty					
13	Student-Teacher Ratio	B.Sc IT	B.S	Sc CT	M.Sc IT	
	(Programme-wise)		2	0:1		
14	Number of academic support	Sanction	ned		Filled	
	staff and administrative staff	1			1	
	sanctioned and filled					
15	Qualifications of teaching	Plea	ase refe	er S. N	o. 10	
	faculty with DSc/ D.Litt/					
	Ph.D/ MPhil / PG.					
	<b>Diversity of Staff Percentag</b>	e of facult	ty who	are g	raduates	
	Of the same parent Univers	ity	5 out of 9			
	From other Universities wit	hin the	4			
	State					
	Number of Faculty who were			Nil		
	awarded Ph.D., D.Sc., and D.Litt.,					
	during the assessment Perio	•				

#### 16. Number of Faculty with On-going projects

S. No.	Name of the Faculty	National/ International	Funding agency	Grants received
1	Mrs. M. Kavitha	National	Institutional	40,000.00
2	Mr. J. Saravanakumar	National	Institutional	40,000.00

### 17. Department Projects Funded by DST-FIST, DBT, ICSSR, etc., and total grants received

Nil

#### 18. Research Centre /facility recognized by the University

Ni1

#### 19. Publication

Information required	Details		
Publication per faculty			
Number of papers published in peer reviewed	International	National	
journals (national /international) by faculty and students	Nil	Ni1	
Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)	Nil	Nil	
Monographs	Nil		
Chapter in Books	Nil		
Books Edited	Nil		
Books with ISBN/ISSN numbers with details of publishers	Nil		
Citation Index	Nil		
SNIP	Nil		
SJR	Ni1		
Impact factor	Nil		
h-index	Nil		

Q. No.	Information required		Details			
20	Areas of Consultancy and income generated	Nil				
21	Faculty as members in		tional mittees	Internat Commit		Editorial Boards
			Nil	Ni1		3
	Faculty Recharging Strategies	<ul> <li>Faculty Development Programme         Deputing faculty to attend and present         papers in National/International Level         Seminar/Conferences .</li> <li>Appreciation extended to the staff for         publishing articles in the journals</li> </ul>				and present tional Level e staff for
22	Student Projects	2009- 10	2010-11	2011-12	2012-13	3 2013-14
	Percentage of students who have done in-house projects including inter departmental/programme	NA	NA	NA	NA	100

#### 23. Awards / Recognitions received by faculty and students

#### **Faculty**

NIL

#### **Students**

S. No.	Year	Gold Medals	Total Ranks
		UG	UG
1	2009-10	NA	NA
2	2010-11	NA	NA
3	2011-12	NA	NA
4	2012-13	NA	NA

# 24. List of eminent academicians and scientists / visitors to the department

Year	Special Lectures	Name of the External Experts	
	WDC Impact on	Mrs.Gayalvizhi, Asst. Professor of	
	Malnutrition	Vivekanandha Medical Care Hospital	
	WDC Sanitary Awareness	Mrs.Geetha Elangovan,	
	5	Media Communication Officer in Press Info	
2013-14	Programme	Bureau, Chennai	
	WDC Awareness Programme	Mr.S.K.Rajkumar,M.P.T,	
	-Basics First Aid	Principal, VMCH.	
	WDC Awareness Programme	Jennerian Club Members,	
	-Sanitary Hygenic	Dept of MB, Vicas.	



# 25. Seminars/ Conferences/Workshops organized & the source of funding

- a) National
- b) International

Year	Name of the seminar/ Workshop organized by the department	Date	Number of participants	Source of funding	Seminar workshop outcome
2012- 13	Workshop on PHP Programming	10.08.2012	120	Management	Hands on training programme for PHP programme
	work shop on .Net Programming	17.08.12	120	Management	Hands on training programme for .NET programme
	National seminar on Emerging Trends and wireless Technology	18.08.12	120	Management	Wireless technology have been explained
	Workshop on System software and hardware troubleshooting	29.12.12	120	Management	To Create on Software Awareness Projects
	Workshop on Linux Programming	31.01.13	120	Management	To Create on Linux Awareness Projects
	Technical symposium	20.02.13	120	Management	To create awareness on recent technology invention
	National Level Symposium	21.02.13	120	Management	To create awareness on recent technology invention
	INFO Innovo Meet - 13	26.02.13 & 2702.13	120	Management	To create awareness on recent technology invention

Year	Name of the seminar/ Workshop organized by the department	Date	Number of participants	Source of funding	Seminar workshop outcome
2013- 14	Inauguration of IT Seminar Hall Programme- Networking	19.08.13	259	Management	Fundamentas of Networking have been given
	NET/SLET Eligibility Exam Coaching	25.09.13	259	Management	Basics of computation and model questions explained
	Bio-Inspired Computing	04.10.13	510	Management	Different computing environment have been explained
	Basic View on Project & Development Cycle	21.12.13	370	Management	Project life cycle importane have been given
	Counseling And Motivational Programme	04.01.14	615	Management	Soft skill and motivational programme
	Motivational Programme	25.01.14	218	Management	Soft skill and motivational programme
	Database Connectivity Using VB & .NET Programming	27.01.14	484	Management	Database importance and its connectivity have been explained
	Importance Of Soft Skill Towards Campus Placement	28.01.14 (AN)	216	Management	Soft skill training
	Multimedia Flash	05.02.14	120	Management	Multi media importance have been explained
	OOPS Through JAVA	06.02.14	370	Management	JAVA and OOPs structure were explained
	Basics of 'C' Programming	06.02.14	218	Management	Basic "c" structure

#### 26. Student profile programme/course wise:

Year	Name of the	Applications Enrolled		Enrolled		centage
	Course	Received	Male	Female	Male	Female
2009-10	NA	NA	NA	NA	NA	NA
2010-11	NA	NA	NA	NA	NA	NA
2011-12	NA	NA	NA	NA	NA	NA
2012-13	BSC (IT)	60	NA	57	NA	NA
2012-13	M.Sc. (IT	30	NA	21	NA	NA
2012-13	B.Sc. (CT)	50	NA	42	NA	NA
2013-14	B.Sc. (IT)	30	NA	21	NA	NA
2013-14	M. Sc. (IT)	10	NA	8	NA	NA

#### 27. Diversity of Students admitted

	Courses % of students from the state		% of student from other state	% of students from Abroad			
	2012-13						
UG		100	0	-			
PG		100	0				
	2013-14						
UG		100	0				
PG		100	0				

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					
Student Flogression	2009-10	2010-11	2011-12	2012-13	2013-14	
UG to PG (%)	NA	NA	NA	NA	NA	
Employed						
<ul> <li>Campus selection</li> </ul>						
Other than campus						
recruitment						
Entrepreneurship/Self-						
employment						

#### 30. Details of Infrastructural facilities

Information required		Details	
Library	Central	Books	914
	library	Magazine	10
		Projects	300
		CD	50
		Journal	National - 10
			International - 7
	Department	Books	160
	library	Projects	-
		CD	8
Internet facilities for		Icenet, 4Mb	ops
staff & students			
Total number of class	18		
rooms			
Class rooms with ICT	02		
facilities			
Student's laboratories	10		
Research laboratories	01		

## 31. Number of students receiving financial assistance from college, university, government or other agencies

NIL

#### 33. Teaching methods adopted to improve student learning

- Demo Based Teaching Method, ICT methodology
- Video based teaching
- Programming through demonstration and on hands training method
- Poster presentation by the students with the help of teacher
- Group Discussion and debate
- Skit play in groups each unit by the students with the help of teacher
- Extension of each unit in the society from where the students through skit play, awareness talk, meetings, etc.

# 34. Participation in Institutional Social Responsibility (ISR) and Extension activities

Department's students are part of

National Service Scheme (NSS)

- Youth Red Cross (YRC)
- Red Ribbon Club (RRC)
- Consumer Awareness Club
- Women's Development Cell
- Hypher Cyber Association

The activities are as follows

S. No.	Date	Name of the Event	Description
1	24.12.13	VIIMS Visit	VIIMS Infrastructure.
2	24.12.13	Rally	World Consumer Day , Rally at Tiruchengode.
3	29.01.14	Personality Development Programme	Mr.A.C.Alexander Vais, Trainer, VICAS.
4	12.02.14	RRC Function	Aringar Anna Govt Arts College, Namakkal.
5	03.03.14 to 09.03.14	NSS Special Camp	Pazhakkarankadu, Periyamanali panchayat,

#### **Hypher Cyber Association**

 Motivational Programme, Yoga and Mental health Programme, Counseling for individual students, Hygienic and health Awareness Programme, First aid Programme through Women Development Cell. Symposium and Club activity Programs like

S. No.	Date	Name of the Event	Description	Class Strength
1	07.02.14	Intra Course Meet		315
2	27.02.14	Intra Course Meet Tamil & English Department		59
3	01.03.14	Cultural Symposium		300
4	04.03.14	National Technical Symposium – AKSHAYAM	Dr. J.Sathish kumar, Asst Prof of Computer Science, Bharathiyar University, Coimbatore.	1555(Our Students) 192 (Other Institutions)

#### 35. SWOC analysis of the department and Future plans

STRENGTH	WEAKNESS
<ul> <li>Well equipped Digital Library.</li> <li>Safety and Security for hostel inmates.</li> <li>Qualified faculties for each discipline.</li> <li>Extended transport mechanism for students and staff.</li> </ul>	<ul> <li>Staff stability</li> <li>Lack of interest for higher studies.</li> </ul>
OPPORTUNITY	CHALLENGES
<ul> <li>Placement for deserving students.</li> <li>Management contribution for physically disabled students.</li> <li>Providing free education/fee concession for the daughter of non teaching staff</li> <li>Students have the Opportunity to select various fields for their higher studies.</li> <li>Students have the wide Opportunity for Government Job.</li> <li>Students have the opportunity to do research work with fund</li> </ul>	<ul> <li>Challenges on bringing below average students into extraordinary students</li> <li>Challenges in minimizing absenteeism after a long holiday</li> <li>High competition, Creating awareness among the students</li> </ul>

#### **FUTURE PLANS**

- Planned to apply for the projects through various funding agencies like AICTE,ICMR and CSIR
- Planned to identify thrust areas in the field of computer Science and undergo Projects for the benefit of society.
- Planned to motivate the staff to publish papers in the National and International Journals
- Motivated the staff to present papers in National / International Conferences.
- Planned to establish research centre
- Motivated students to participate Inter collegiate competitions and obtained awards.
- Evolve students to join nationally and internationally reputed organizations
- Encourage students to conduct research for sustainable development of human beings
- Develop students to publish papers in highly reputed journals

### DEPARTMENT OF MCA

Q. No.	Information required		Details	
1	Name of the department	COMPUTER APPLICATIONS		
2	Year of establishment	M.C.A	1998-1999	
3	Programmes / courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.)	M.C.A		
4	Names of Interdisciplinary courses and the departments/units involved	Nil		
5	Annual / Semester / Choice Based Credit Systems	Semester pattern and Choice Based Credit System		
6	Participation of the department	Courses	Department	
	in the courses offered by other departments	M.C.A Non Core Course - EDC	Team Building and Conflict Management	
		M.C.A Core Course	Organizational Behaviour	
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 and Filled

Designation	Sanctioned	Filled
Professor	2	2
Associate Professor	04	04
Assistant Professor	10	10



### 10. Faculty Profile

Name	Qualification	Designation	Specialization	Experience
				(years)
Dr.V.Valli Mayil	MCA.,M.Phil., Ph.D.,	Professor	Data Mining & Web Mining	17.4
Dr.N.Rajendran	MCA.,M.Phil., Ph.D.,	Professor	Image Processing	15.10
Mrs. M. Kaladevi	MCA., M.Phil.,	Associate Professor	Embedded Systems	15.9
Ms.M.P.Subashini	MCA., M.Phil.,	Associate Professor	Networking, Mobile Computing	10.10
Mr. M. Tamizhchelvan	MCA., M.Phil.,	Associate Professor	Operating System	10
Mrs.C. Subalakshmi Priya	MCA., M.Phil.,	Associate Professor	DBMS, Visual Basic	9.10
Ms.S.Anitha	MCA.,M.Phil.,	Assistant Professor	Artificial Intelligence	8.5
Mr. K.S. Saravanan	MCA., M.Phil.,	Assistant Professor	Data Mining, Computer Graphics	8.8
Mrs. M. Valarmathi	MCA., M.Phil.,	Assistant Professor	Software Engineering	6.11.
Mr. K.Senthil Kumar	MCA.,	Assistant Professor	Data Mining & Networks	6.5.
Mr.V.Arunkumar	MCA.,	Assistant Professor	Networking, Web Technology	6.4
Mrs.N.Vijayarani	MCA.,M.Phil.,	Assistant Professor	Networking	5.8
Mrs.P.Maheswari	MCA., M.Phil.,	Assistant Professor	Networking	4.10
Dr. S.Nithya Rekha	MCA.,M.Phil., Ph.D.,	Assistant Professor	Mobile Computing & Wireless Networks	4.2
Mrs. V. Priya	MCA.,M.Phil.,	Assistant Professor	Networking	2.8
Mr. Maha S. Sivalingam	MCA., M.Phil.,	Assistant Professor		

Q. No.	Information required		Det	tails
11	List of senior visiting		ľ	Vi1
	faculty			
12	Percentage of classes taken by		ľ	Vi1
	temporary Faculty			
13	Student-Teacher Ratio		M.	C.A
	(Programme-wise)		1	5:1
14	Number of academic support	Sanctio	ned	Filled
	staff and administrative staff sanctioned and filled	02 02		02
15	Qualifications of teaching	Plea	se refe	er S. No. 10
	faculty with DSc/ D.Litt/			
	Ph.D/ MPhil / PG.			
	Diversity of Staff Percentage of faculty who are graduates			are graduates
	Of the same parent Univers	versity 5 out of 16		of 16
	From other Universities wit	ties within the 11		
	State			
	Number of Faculty who were 3			
	awarded Ph.D., D.Sc., and D.Litt.,			
	during the assessment Period	od		

#### 16. Number of Faculty with On-going projects

S. No.	Name of the Faculty	National/ International	Funding agency	Grants received	
NIL					

17. Department Projects Funded by DST-FIST, DBT, ICSSR, etc., and total grants received

Ni1

18. Research Centre /facility recognized by the University

Ni1

#### 19. Publication

Publication per faculty Number of papers published in peer reviewed journals (national /international) by faculty and students Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)  Elsevier SCOPUS -2 Thomson Science Citation Index -1 **Ulrich's Periodicals** Directory -2 **PataBases systems and Directory of Deen Access Journals (POAJ) -4 **Cite Seer Beta -2 **Google Scholar Journals -5 **Cite Seer Beta -2 **Google Scholar Journals -5 **Cite Seer Beta -2 **Google Scholar Journals -1 **Information **Sciences Directory of Deen Access Journals (POAJ) -4 **Cite Seer Beta -2 **Google Scholar Journals -1 **Information **Computing Research and Education Association of Australasia -1 **TOC PremierTM -1 **Computing Research Journals -1 **Medi-informatical **Computing Research Journals -1 **Microsoft Academic Search -1 **Judata -1 **Judata -1 **Microsoft Academic Search -1 **Judata -1 *	Information required	Details		
Number of papers published in peer reviewed journals (national /international by faculty and students Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)    Second Science Scopus				
Journals (national /international) by faculty and students   Number of publications listed in International Database [For Eg: Web of Science, Scopus, Humanities   International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)    Social Sciences Directory, EBSCO host, etc.)     Elsevier Scopus - 2   Thomson Science Citation Index - 1   *Ulrich's Periodicals Directory - 2   *OpataBase systems and Logic Programming (DBLP) - 5   *PBSCO Publishing USA - 4   *Olivectory of Open Access Journals (DOAJ) - 4   *Olivectory of Open Access Journals - 5   *Cite Factor - 3   *Doostoc - 3   *CrossRef - 2   *The Index of Information Systems Journals - 1   *Information Association of Asso	ı v	International	National	
Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)    Social Sciences Directory, EBSCO host, etc.)   Social Sciences Directory, EBSCO host, etc.)   Social Sciences Directory, EBSCO host, etc.)   Social Sciences Directory, EBSCO host, etc.)   Social Sciences Directory, EBSCO host, etc.)   Social Sciences Directory, EBSCO host, etc.)   Social Sciences Directory, EBSCO host, etc.)   Social Sciences Directory, EBSCO host, etc.)   Social Sciences Directory, EBSCO host, etc.)   Social Sciences Directory, EBSCO host, etc.)   Social Sciences Directory, EBSCO host, etc.)   Social Sciences Directory, EBSCO host, etc.)   Social Sciences Directory, EBSCO host, etc.)   Social Sciences Directory, EBSCO host, etc.)   Social Sciences Directory, EBSCO host, etc.)   Social Sciences Division of Access Journals (DAJ)   Advances of Language Districts				
Social Sciences Directory, EBSCO host, etc.)    Social Sciences Directory, EBSCO host, etc.)	Eg: Web of Science, Scopus, Humanities	Thomson Science		
* ProQuest CSA Technology Research Database-1 Index Copernicus - 2 Sensei - 3 Base - 3  Monographs  Chapter in Books  Nil  Books Edited  Nil  Books with ISBN/ISSN numbers with details of publishers  Citation Index  SNIP  Nil  SJR  Nil  Impact factor	• '	* Ulrich's Periodicals Directory - 2 *DataBase systems and Logic Programming (DBLP) - 5 *EBSCO Publishing USA -4 Directory of Open Access Journals (DOAJ) -4 *Cite Seer Beta -2 * Google Scholar Journals - 5 * Cite Factor - 3 * . Docstoc - 3 * . Docstoc - 3 * CrossRef - 2 *The Index of Information Systems Journals -1 *Information Technology Resources Collection - 1 *ZDNet Australia -1 *NLM Catalog -1 (Medi-Informatics) * Computing Research and Education Association of Australasia - 1 *TOC PremierTM - 1 *Computer Science Journals - 1 *Microsoft Academic Search - 1 *SciVerse Hub-1 *J-Gate-1 *INSPEC (The IET)-1		
Monographs Chapter in Books Nil Books Edited Nil Books with ISBN/ISSN numbers with details of publishers Citation Index SNIP SJR Nil Impact factor		* Scirus -3 * ProQuest CSA Technology Research Database-1 Index Copernicus - 2 Sensei - 3		
Chapter in Books  Books Edited  Books with ISBN/ISSN numbers with details of publishers  Citation Index  SNIP  SJR  Impact factor	Monographs			
Books Edited  Books with ISBN/ISSN numbers with details of publishers  Citation Index  SNIP  Nil  SJR  Nil  Impact factor		Nil		
Books with ISBN/ISSN numbers with details of publishers  Citation Index  46  SNIP  Nil  SJR  Nil  Impact factor	1	Nil		
Citation Index 46 SNIP Nil SJR Nil Impact factor		Nil		
SNIP Nil SJR Nil Impact factor		46		
SJR Nil Impact factor				
Impact factor		Nil		
h-index 4	h-index	4		

Q. No.	Information required	Details				
20	Areas of Consultancy and income generated	Nil				
21	Faculty as members in	Nati	ional	Internat	ional	<b>Editorial</b>
		comm	nittees	Commit	ttees	Boards
		N	Ti1	Nil		3
	Faculty Recharging Strategies	<ul> <li>Faculty Development Programme         Deputing faculty to attend and present         papers in National/International Level         Seminar/Conferences .</li> <li>Appreciation extended to the staff for         publishing articles in the journals</li> </ul>				
	Student Projects	2009-10	2010-11	2011-12	2012-13	3 2013-14
22	Percentage of students who have done in-house projects including inter departmental/programme					100

#### 23. Awards / Recognitions received by faculty and students

Faculty: NIL

#### **Students**

S. No.	Year	Gold Medals	Total Ranks
		UG	UG
1	2009-10	-	1
2	2010-11	-	-
3	2011-12	1	-
4	2012-13	-	-

## 24. List of eminent academicians and scientists / visitors to the department

Year	Special Lectures	Name of the External Experts
	WDC	Mrs.Gayalvizhi,
	Impact on	Asst.Professor of Vivekanandha Medical
	Malnutrition	Care Hospital
	WDC Sanitary	Mrs.Geetha Elangovan,
	Awareness	Media Communication Officer in Press
2013-14	Programme	Info Bureau, Chennai
2013-1 <del>4</del>	WDC Awareness	Mr.S.K.Rajkumar,M.P.T,
	Programme –Basics	
	First Aid  WDC Awareness  James Club Members	Finicipal, vinch.
		Januarian Club Mambara
	Programme –	Jennerian Club Members,
	Sanitary Hygenic	Dept of MB, Vicas.



# 25. Seminars/ Conferences/Workshops organized & the source of funding

- a) National
- b) International

Year	Name of the seminar/ Workshop organized by the department	Date	Number of participants	Source of funding	Seminar workshop outcome
2010- 2011	DOT NET Framework	30.08.2010 to 02.09.2010	49	Management	To create awareness on .NET Fundamentals
	ASP.NET	2.09.2010	20	Management	To Provide overview on web creating software
	DOT NET Framework	07.09.2010	20	Management	To create awareness on .NET Fundamentals
	One Day state level workshop on MAT LAB	27.01.2011	89	Management	To create awareness on .MATLAB fundamentals
	Technical symposium Virtuosity- 2011	25.02.2011	89	Management	Creating platform for the students to exhibit talents on various events
	PHP Programming with Flash	08.10.2010	40	Management	Web Page creating software awareness
	Hardware Networking	12.10.2010	48	Management	To provide knowledge on hardware basics and its fundamentals to the students
	PHP Programme	20.01.2011	50	Management	Web Page creating package awareness
	Web Technology	08.02.2011	60	Management	Web based techniques and its fundamentals
	Personality Development	11.02.2011	89	Management	Soft skill awareness is given to the students
	J2EE Technology	02.03.2011	30	Management	Web server technology fundamentals have been explained

Year	Name of the seminar/ Workshop organized by the department	Date	Number of participants	Source of funding	Seminar workshop outcome
2011- 2012	. NET ASP.NET and SQL	18.07.2011 to 19.07.2011	45	Management	Web server technology fundamentals have been explained
	PHP Programming	04.08.2011 To 05.08.2011	49	Management	Web server technology fundamentals have been explained
	PHP Programming	08.08.2011 to 11.08.2011	43	Management	Web server technology fundamentals have been explained
	.NET ASP.NET and SQL	01.08.2011 to 02.08.2011	43	Management	Web server technology fundamentals have been explained
	Recent trends in Information Technology	17.02.2012	80	Management	Recent technology awareness have been explored
	PHP programming with Flash	06.07.2011	42	Management	Web server technology fundamentals have been explained
	.NET programming	13.07.2011	30	Management	Web server technology fundamentals have been explained
	PC Hardware	15.07.2011	20	Management	Hsrdware components awareness and trouble shooting techniques have been explained
	LINUX and Online Certification Courses	20.07.2011 & 21.07.2011	30	Management	Linux open source technology was explained
	Multimedia Animation	26.07.2011 & 27.07.2011	18	Management	Graphics fundamentals and its impacts have been explained
	Multimedia Animation	29.07.2011	22	Management	Graphics fundamentals and its impacts have been explained
	CCNA	12.07.2011	30	Management	Hardware and its trouble shooting methods explained
	LINUX and Online Certification courses	20.07.2011	25	Management	Linus open source operating system have been explined
	Personality development	27.07.2011	30	Management	Soft skill development
	Software Testing	29.07.2011	15	Management	Testing fundamentals
	PC Assembling & TroubleShooting And Networking essential	26.08.2011	20	Management	

Year	Name of the seminar/ Workshop organized by the department	Date	Number of participants	Source of funding	Seminar workshop outcome
2012- 2013	Workshop on PHP Programming	10.08.2012	20	Management	Hands on training programme for PHP programme
	work shop on .Net Programming	17.08.12	15	Management	Hands on training programme for .NET programme
	National seminar on Emerging Trends and wireless Technology	18.08.12	61	Management	Wireless technology have been explained
	Workshop on System software and hardware troubleshooting	29.12.12	61	Management	
	Workshop on Linux Programming	31.01.13	61	Management	
	Technical symposium	20.02.13	50	Management	To create awareness on recent technology invention
	National Level Symposium	21.02.13	61	Management	To create awareness on recent technology invention
	INFO Innovo Meet - 13	26.02.13 & 2702.13	58	Management	To create awareness on recent technology invention
2013- 2014	Inauguration of IT Seminar Hall Programme- Networking	19.08.13	20	Management	Fundamentas of Networking have been given
	NET/SLET Eligibility Exam Coaching	25.09.13	51	Management	Basics of computation and model questions explained
	Bio-Inspired Computing	04.10.13	20	Management	Different computing environment have been explained
	Basic View on Project & Development Cycle	21.12.13	51	Management	Project life cycle importane have been given
	Project Life Cycle	24.12.13	51	Management	Project life cycle importane have been given

Year	Name of the seminar/ Workshop organized by the department	Date	Number of participants	Source of funding	Seminar workshop outcome
2013- 2014	Counseling And Motivational Programme	04.01.14	51	Management	Soft skill and motivational programme
	Motivational Programme	25.01.14	51	Management	
	Database Connectivity Using VB & .NET Programming	27.01.14	40	Management	Database importance and its connectivity have been explained
	Research Methodology	28.01.14 (FN)	51	Management	Various methods in Research were explained
	Importance Of Soft Skill Towards Campus Placement	28.01.14 (AN)	51	Management	Soft skill training
	Multimedia Flash	05.02.14	40	Management	Multi media importance have been explained
	OOPS Through JAVA	06.02.14	51	Management	JAVA and OOPs structure were explained
	Basics of 'C' Programming	06.02.14	51	Management	Basic "c" structure
	Soft Skill Development Programme	t Skill velopment 11.02.14	40	Management	Softskill and motivational programme
	Motivational Talk	14.02.14	51	Management	Softskill and motivational programme
	Laptop Hardware Service	17.02.14	41	Management	Hsrd ware and laptop servicing

#### 26. Student profile programme/course wise:

Year	Name of the	Applications	Enr	olled	Pass Per	centage
	Course	Received	Male	Female	Male	Female
2009-10	M.C.A.,	45	-	45	-	88.88
2010-11	M.C.A.,	89	1	89	1	92
2011-12	M.C.A.,	89	-	89	-	90
2012-13	M.C.A.,	61	-	61	-	94
2013-14	M.C.A.,	52	1	51	_	Doing

#### 27. Diversity of Students admitted

Courses	% of students from the state	% of student from other state	% of students from Abroad				
	200	9-10					
PG	100	0	-				
	2010-11						
PG	100	0	I				
	201	l1-12					
PG	100	0	ı				
	201	l <b>2</b> -13					
PG	100	0	ı				
	2013-14						
PG	100		-				

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.?

#### 29. Student progression

Student Dueguesien	Against % enrolled				
Student Progression	2009-10	2010-11	2011-12	2012-13	2013-14
UG to PG (%)	40	45	50	20	23
Employed					
<ul> <li>Campus selection</li> </ul>					
<ul> <li>Other than campus</li> </ul>					
recruitment	144	15	10	5	5
Entrepreneurship/Self-					
employment					

#### 30. Details of Infrastructural facilities

Information required		Details	
Library	Central	Books	9098
	library	Magazine	4
		Projects	155
		CD	762
		Journal	National - 9
			International - 11
	Department	Books	897
	library	Projects	155
		CD	762
Internet facilities for		Icenet, 4Mb	ops
staff & students			
Total number of class	03		
rooms			
Class rooms with ICT	02		
facilities			
Student's laboratories	03		
Research laboratories	01		

## 31. Number of students receiving financial assistance from college, university, government or other agencies

Number of Students	2009-10	2010-11	2011-12	2012-13	2013-14
College	27	30	60	33	35
University					
Government	-	-	-	-	-
Other agencies	-	-	-	-	-

#### 33. Teaching methods adopted to improve student learning

- Demo Based Teaching Method, ICT methodology
- Video based teaching
- Programming through demonstration and on hands training method
- Poster presentation by the students with the help of teacher
- Group Discussion and debate
- Skit play in groups each unit by the students with the help of teacher
- Extension of each unit in the society from where the students through skit play, awareness talk, meetings, etc.

# 34. Participation in Institutional Social Responsibility (ISR) and Extension activities

Department's students are part of

- National Service Scheme (NSS)
- Youth Red Cross (YRC)
- Red Ribbon Club (RRC)
- Consumer Awareness Club
- Women's Development Cell
- Hypher Cyber Association

The activities are as follows

#### **Hypher Cyber Association**

 Motivational Programme, Yoga and Mental health Programme, Counseling for individual students, Hygienic and health Awareness Programme, First Aid Programme through Women Development Cell. Symposium and Club activity Programs like

S. No.	Date	Name of the Event	Description	Class Strg
1	08.02.14	Intra Course Meet	III BCA	164
2	15.02.14	Intra Course Meet	BCA	280
3	27.02.14	Intra Course Meet Tamil & English Department	I BCA	59
4	01.03.14	Cultural Symposium	BCA	200
5	04.03.14	National Technical Symposium - AKSHAYAM	Dr. J.Sathish kumar, Asst Prof of Computer Science, Bharathiyar University, Coimbatore.	1555(Our Students) 192 (Other Institutio ns)

### 35. SWOC analysis of the department and Future plans

STRENGTH	WEAKNESS
• Well equipped Digital Library.	Staff stability
• Safety and Security for hostel	• Lack of interest for higher studies.
inmates.	
• Qualified faculties for each	
discipline.	
• Extended transport mechanism for students and staff.	
OPPORTUNITY	CHALLENGES
<ul> <li>Placement for deserving students.</li> <li>Management contribution for physically disabled students.</li> <li>Providing free education/fee concession for the daughter of non teaching staff</li> <li>Students have the wide Opportunity for Government Job.</li> <li>Students have the opportunity to do research work with fund</li> </ul>	<ul> <li>Challenges on bringing below average students into extraordinary students</li> <li>Challenges in minimizing absenteeism after a long holiday</li> <li>High competition, Creating awareness among the students</li> </ul>

#### **FUTURE PLANS**

- Planned to apply for the projects through various funding agencies like AICTE,ICMR and CSIR
- Planned to identify thrust areas in the field of computer Science and undergo Projects for the benefit of society.
- Planned to motivate the staff to publish papers in the National and Imternational Journals
- Motivated the staff to present papers in National / International Conferences.
- Planned to establish research centre
- Motivated students to participate Intercollegiate competetions and obtained awards.
- Evolve students to join nationally and internationally reputed organizations
- Encourage students to conduct research for sustainable development of human beings
- Develop students to publish papers in highly reputed journal

### DEPARTMENT OF MATHEMATICS

Q. No.	Information required		Details	
1	Name of the department	MATHEMATICS		
2	Year of establishment	B. Sc.	2000-2001	
		M. Sc.	2002-2003	
		M. Phil.	2012-2013	
3	Programmes / courses offered	B.Sc. Mathemati		
	(UG, PG, M.Phil., Ph.D.,	M.Sc. Mathemati		
	Integrated Masters;	M. Phil. Mathema	atics	
_	Integrated Ph.D., etc.)			
4	Names of Interdisciplinary	Nil		
	courses and the			
_	departments/units involved	IIC and DO	Comparts and Chair	
5	Annual / Semester / Choice	UG and PG	Semester pattern and Choice	
	Based Credit Systems		Based Credit System – Annual pattern and Choice	
		M. Phil.	Based Credit System	
6	Participation of the department	Courses	Department Department	
· ·	in the courses offered by other	Courses	Department	
	departments	B. Sc Allied	Physics and Statistics	
		2, 50, 1,,,,,		
		B.ScLanguage	English, Tamil	
		D.oc. Danguage	Digion, ramin	
		B. Sc. Non Major	Computer Science	
		Elective	Computer Science	
		B. Sc. Skill Based	Quantitative Aptitude	
		Elective	1	
		M. Sc. Elective	Computer Science, Human	
		and Extra	Rights	
		disciplinary course		
		Add-on-Course	NIL	
7	Courses in collaboration with			
	other universities, industries,	NIL		
	foreign institutions, etc			
8	Details of courses/programmes			
	discontinued (if any) with	NIL		
	reasons			



### 9. Number of Teaching Posts Sanctioned and Filled

Designation	Sanctioned	Filled
Professor	1	1
Associate Professor	8	8
Assistant Professor	45	45

### 10. Faculty Profile

S. No.	Name	Qualification			Designation	years) Student (years)	No. of Ph.D. Students guided for the
					UG	PG	last 4
1	Mrs. S. Ramadevi	M.Sc., M.Phil.,	HOD cum Asso.Prof	Graph theory	15	15	-
2	Dr.G.Sivakami	M.Sc., M.Phil.,P.hD.,	Professor	Differential equations	5	5	-
3	Mr.S.Karthikeyan	M.Sc., M.Phil.,PGDCA	Asso. Prof.	Fluid Dynamics	25	25	-
4	Mr.S.Muruganantham	M.Sc., PGDCA, SET	Asso. Prof.	Differential equations	16	10	-
5	Mr.J.Jebaraj	M.Sc., M.Phil.,B.Ed.,M.Ed.,(P.hd).,	Asso.Prof.	Mathematical modeling	16	16	-
6	Mrs.V.Lalitha	M.Sc., M.Phil.,	Asso. Prof.	Sequential quality control	15	15	ı
7	Mrs. S. Kavitha	M.Sc., M.Phil.,	Asso. Prof.	Differential equations	12	12	1
8	Mrs.M.Pushpalatha	M.Sc., M.Phil.,	Asso. Prof.	Differential equations	12	12	-
9	Mr.C.Arul Kumar	M.Sc., M.Phil.,	Asso. Prof.	Multivariate analysis	11	11	-
10	Mr. G. Seetharaman	M.Sc., M.Phil., B.Ed., PGDCA.,	Asst. Prof.	Demagraphy	09	09	-
11	Mrs. S. Dhanalakshmi	M.Sc., M.Phil., B.Ed.,	Asst. Prof.	Functional analysis	7	7	-
12	Ms V.Latha	M.Sc., M.Phil.,	Asst. Prof.	Applied Statistics	6	6	-
13	Mrs. S. Vijayalakshmi	M.Sc., M.Phil.,	Asst. Prof.	Fuzzy topology	6	6	-
14	Mrs .S.Ramya	M.Sc., M.Phil.,	Asst. Prof.	Algebra	5	5	-
15	Mrs K.Geetha	M.Sc., M.Phil.,	Asst. Prof.	Graph theory	5	5	-
16	Mr. G. Vengatesh	M.Sc., M.Phil.,	Asst. Prof.	statistical quality control	5	5	-
17	Mrs.R.Suba	M.Sc., M.Phil.,	Asst. Prof.	Real Analysis	5	5	-
18	Ms.S.Jothi	M.Sc., M.Phil.,	Asst. Prof.	Algebra	4	4	-
19	Mrs.R.Ambika	M.Sc., M.Phil.,	Asst. Prof.	Fluid dynamics	6	1	-
20	Mrs.G.pushpalatha	M.Sc., M.Phil.,B.Ed.,	Asst. Prof.	Graph theory	4	4	-
21	Ms. S. Kavitha	M.Sc., M.Ed.,	Asst. Prof.	Fuzzy topology	4	4	-
22	Ms.Karthiga	M.Sc., M.Phil.,B.Ed.,	Asst. Prof.	Graph theory	4	4	-
23	Mr V.C.Sathish Kumar	M.Sc., M.Phil.,	Asst. Prof.	Operations Research	3	3	-
24	Ms. M. Santhi	M.Sc., M.Phil.,	Asst. Prof.	Graph theory	3	3	-
25	Mr. J. Mohan	M.Sc., ( M.Phil).,	Asst. Prof.	Differential equations	3	1	-

S. No.	Name	Qualification	Designation	Specialization			No. of Ph.D. Students guided for the
					UG	PG	last 4 years
26	Ms P.Kalaiyarasi	M.Sc., M.Phil.,	Asst. Prof.	Applied Mathematics	3	3	-
27	Mrs M.Kavitha	M.Sc., B.Ed.,	Asst. Prof.	Graph Theory	2	2	-
28	Mrs K.Kavitha	M.Sc., M.Phil.,	Asst. Prof.	Differential Equations	2	2	-
29	Mrs M.Senthamil Selvi	M.Sc., M.Phil.,M.Ed.,	Asst. Prof.	Complex analysis	2	2	-
30	Mrs.S.Priyadharshini	M.Sc., B.Ed., (M.Phil).,	Asst. Prof.	Graph theory	2	2	-
31	Ms. G. Priya	M.Sc., M.Phil.,	Asst. Prof.	Algebra	1	1	-
32	Ms. L. Suganya	M.Sc., M.Phil.,	Asst. Prof.	Differential equations	1	1	-
33	Mrs.M.Renugadevi	M.Sc., M.Phil.,	Asst. Prof.	Differential equations	1	1	-
34	Ms. K. Arulmani	M.Sc., M.Phil.,	Asst. Prof.	Differential equations	1	1	-
35	Ms. P. Amutha	M.Sc., M.Phil.,B.Ed.,	Asst. Prof.	Differential equations	1	1	-
36	Ms. N. Nithya	M.Sc., M.Phil.,B.Ed.,	Asst. Prof.	Differential equations	1	1	-
37	Mrs. T. Menahadevi	M.Sc.,B.Ed.,(M.Phil).,	Asst. Prof.	Differential equations	1	1	1
38	Mrs.P.Vanitha	M.Sc., M.Phil.,	Asst. Prof.	Graph theory	1	1	-
39	Mrs.G.Kalaipriya	M.Sc., M.Ed.,	Asst. Prof.	Fuzzy topology	1	1	-
40	Ms.P.Usharani	M.Sc., (M.Phil).,	Asst. Prof.	Statics	1	1	-
41	Ms. E.Thangavimala	M.Sc., (M.Phil).,	Asst. Prof.	Statics	1	1	-
42	Ms.S.Amala	M.Sc.,B.Ed.,(M.Phil)	Asst. Prof.	Topology	1	1	-
43	Mrs.G.Saranya	M.Sc., M.Phil.,PGDMS.,	Asst. Prof.	Control theory	1	1	-
44	Mr.V.Saravanan	M.Sc., M.Phil.,	Asst. Prof.	Real analysis	1	1	-
45	Mrs.V.Sasikala	M.Sc., M.Phil.,	Asst. Prof.	Differential equations	1	1	-
46	Mrs.P.Radha	M.Sc.,B.Ed., (M.Phil).,	Asst. Prof.	Differential equations	1	1	-
	Ms.Y.Yogeswari	M.Sc., B.Ed., (M.Phil).,	Asst. Prof.	Differential equations	1	1	-
48	Ms.G.Prabavarthi	M.Sc., B.Ed.,(M.Phil).,	Asst. Prof.	Complex analysis	1	1	-
49	Ms. N. Nithya	M.Sc., B.Ed.,(M.Phil).,	Asst. Prof.	Graph theory	1	1	-
50	Ms.L.Priya	M.Sc., M.Phil.,	Asst. Prof.	Topology	1	1	-
51	Ms.S.Nirmala	M.Sc., (M.Phil).,	Asst. Prof.	Differential equations	0.6	0.6	-
52	Ms . T.Nithya	M.Sc., (M.Phil).,	Asst. Prof.	Differential equations	0.6	0.6	-
53	Ms S.Kiruthiga	M.Sc., (M.Phil).,	Asst. Prof.	Differential equations	0.6	0.6	-
54	Mrs.S.Revathy	M.Sc., M.Phil.,	Asst. Prof.	Operator theory	0.6	0.6	-

Q. No.	Information required		De	tails	
11	List of senior visiting	Nil			
	faculty				
12	Percentage of classes taken by temporary Faculty	Nil			
13	Student-Teacher Ratio	B. Sc.	M. Sc.	M. Phil.	Ph. D.
	(Programme-wise)	20:1	15:1	5:1	Nil
14	Number of academic support	Sanct	ioned	Fil	led
	staff and administrative staff sanctioned and filled	54 54			4
15	Qualifications of teaching	P1	ease ref	er S. No.	10
	faculty with DSc/ D.Litt/				
	Ph.D/ MPhil / PG.				
	Diversity of Staff Percentage of faculty who are graduates				
	Of the same parent Univers	ity	20 ou	t of 54	
	From other Universities within the State				
	Number of Faculty who were 1				
	awarded Ph.D., D.Sc., and D.Litt.,				
	during the assessment Period	od			

### 16. Number of Faculty with On-going projects: 10

S. No.	Name of the	National/	Funding	Grants
	Faculty	International	agency	received
				(Rs.)
1	Dr.G.Sivakami	National	Institutional	50,000.00
2	Mr.S.Karthikeyan	National	Institutional	30,000.00
3	Mr.S.Muruganantham	National	Institutional	40,000.00
4	Mr.J.Jebaraj	National	Institutional	40,000.00
5	Mrs.V.Lalitha	National	Institutional	50,000.00
6	Mrs. S. Ramadevi	National	Institutional	75,000.00
7	Mrs. S. Kavitha	National	Institutional	50,000.00
8	Mrs.M.Pushpalatha	National	Institutional	50,000.00
9	Mr.C.Arul Kumar	National	Institutional	50,000.00

## 17. Department Projects Funded by DST-FIST, DBT, ICSSR, etc., and total grants received

Ni1

#### 18. Research Centre /facility recognized by the University

Department is recognized for M. Phil.. Mathematics & some of facilities are listed below.

S. No.	List of major instruments
1	Four Systems with Net Facility
2	Digital library
3	Individual Cabin for M.Phil. Scholars
4.	Subscribing 49 journals For M. phil Scholars to do their research

#### 19. Publication

Information required	Details		
Publication per faculty			
Number of papers published in peer	International	National	
reviewed journals (national /international) by faculty and students	2		
Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)	2		
Monographs			
Chapter in Books			
Books Edited			
Books with ISBN/ISSN numbers with details of publishers			
Citation Index			
SNIP			
SJR			
Impact factor			
h-index			

Q. No.	Information required			Detail	S	
20	Areas of Consultancy and income generated  Faculty as members in	Free consultancy is given to the neighboring community and students on Mathematics enterprises      National International Editorial				dents on
	radatty as members in	comr	nittees	Commit		Boards
	Faculty Recharging Strategies	Nil Nil  Conducting in house faculty development programs Permitting faculty development program in other institutions Permitting faculty to conduct/ participate/ presenting/chair seminars/ conferences/ training programs/ workshops/exhibitions both in house and other institutions Facilitate to interact with subject expert both in house and other institutions Faculty encouraged to participate in Yoga classes in house				
	Student Projects	2009-10	2010-11	2011-12	2012-13	2013-14
22	Percentage of students who have done in-house projects including inter departmental/programme	100	100	100	100	100

# 23. Awards / Recognitions received by faculty and students, Faculty

### **Students**

S. No.	Year	Gold Medals		Total Ranks			
		UG	PG	M. Phil.	UG	PG	M. Phil.
1	2009-10	-	-	-	-	-	-
2	2010-11	-	-	-	4	4	-
3	2011-12	-	-	-	1	1	-
4	2012-13	-	1	-	-	9	-

### VIVEKANANDHA COLLEGE OF ARTS AND SCIENCES FOR WOMEN (AUTONOMOUS) SELF STUDY REPORT

## 24. List of eminent academicians and scientists / visitors to the department

Year	Special Lectures	Name of the External Experts
2009-10	National level seminar on Recent Technical Sources of Applied Mathematics (26.02.2010)	Dr.C.Durairajan, Bharathidasan University Trichy
2009-10	National level seminar on Recent Technical Sources of Applied Mathematics (26.02.2010)	DrP.S.Srinivasan, Bharathidasan University Trichy
2010-11	International Seminar on Recent Trends in Pure and advances in Applied Mathematical Sciences (14.03.2011)	Dr.C.Selvaraj, Periyar University Salem-11
2010-11	International Seminar on Recent Trends in Pure and advances in Applied Mathematical Sciences (14.03.2011)	Dr.S.Sivasankaran, Sungkyunkwan University South Korea.
2011-12	National Seminar and Intercollegiate Meet (28.01.2012)	
	State level Workshop on MATLAB (23.01.2013)	Dr.S.Rubanraj, St.Joseph's College ,Trighy.
2012-13	Guest Lecture on 19.08.2013	Mr.G.V.Chandrachekar, Gobi Arts and Science college, Gobichettipalayam.
	Guest Lecture on "Research Methodology"(10.07.2013)	Mr. R. Ramesh, Research Scholar, IIT, Mumbai
	Guest Lecture on "Applications of Mathematics" (19.08.2013)	Mr. G.V. Chandrasekar, Gobi Arts & Sciences college, Gobi
2013-14	Guest Lecture on "Topics in Differential Equations" on 07.09.2013	Dr. S. Karthikeyan, Periyar University, Salem
2013-14	Guest Lecture on "Women-The Magic Lamp" on 24.02.2014	Mr. P. Venkateswaran, Founder, Mind Research Organization, Erode
	Guest Lecture on "Early Diagnosis and Prevention of Breast Cancer" on 05.03.2014	Mrs. M. Geetha, Vivekanandha College of Nursing, Tiruchengode



# 25. Seminars/ Conferences/Workshops organized & the source of funding

- a) National
- b) International

S.No	Year	Name of the seminar/ Workshop organized by the department	Date	Number of participants	Source of funding	Seminar workshop outcome
1	2009-	National level seminar on Recent Technical Sources of Applied Mathematics	26.02.2010	632	Institutional	
2	2010-	International Seminar on Recent Trends in Pure and advances in Applied Mathematical Sciences	14.03.2011	560	Institutional	
4	2011- 12	Seminar and Intercollegiate Meet (28.01.2012)	28.01.2012	2084	Institutional	
5	2013- 14	National Seminar on Recent Trends in Pure and advances in Applied Mathematical Sciences	05.01.2012	1070	Institutional	

Exhibtion: Also every Year We are conducting Exibition related to Mathematics and Science oriented in our department

### VIVEKANANDHA COLLEGE OF ARTS AND SCIENCES FOR WOMEN (AUTONOMOUS) SELF STUDY REPORT

### 26. Student profile programme/course wise:

Year	Name of the	Applications	Enr	olled	Pass Per	Pass Percentage	
	Course	Received	Male	Female	Male	Female	
2009-10	B. Sc.,	378	-	341	-	93.1	
	M. Sc.,	33	-	33	-	67.6	
	M. Phil.	NA					
	B. Sc.,	272	-	272	-	92.6	
2010-11	M. Sc.,	72	-	72	-	51.6	
2010 11	M.Phil.	NA					
	Ph. D.	NA					
	B. Sc.,	320	-	291	-	87	
2011-12	M. Sc.,	80	-	75	-	36.8	
2011 12	M.Phil.	NA					
	Ph. D.	NA					
	B. Sc.,	310	-	298		87.5	
2012-13	M. Sc.,	172	-	163	-	89.3	
2012-10	M.Phil.	11	-	11	-	NIL	
	Ph. D.	NA					
	B. Sc.,	259		232		94.9	
2013-14	M. Sc.,	55	-	55		98.7	
	M.Phil.	15	-	15			
	Ph. D.	NA					

### VIVEKANANDHA COLLEGE OF ARTS AND SCIENCES FOR WOMEN (AUTONOMOUS) SELF STUDY REPORT

### 27. Diversity of Students admitted

Courses	% of students from the state	% of student from other state	% of students from Abroad			
	20	09-10				
UG	100	NIL	NIL			
PG	100	NIL	NIL			
M. Phil.	NA					
Ph. D.	NA					
		10-11				
UG	100	NIL	NIL			
PG	100	NIL	NIL			
M. Phil.	NA					
Ph. D.						
		11-12				
UG	100	NIL	NIL			
PG	100	NIL	NIL			
M. Phil.	NA					
Ph. D.	NA					
		12-13				
UG	100	NIL	NIL			
PG	100	NIL	NIL			
M. Phil.	100	NIL	NIL			
Ph. D.	NA					
		13-14				
UG	100	NIL	NIL			
PG	100	NIL	NIL			
M. Phil.	100	NIL	NIL			
Ph. D.	NA					

# 28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.?

YEAR	No. of the Students
2009-10	NIL
2010-11	NIL
2011-12	NIL
2012-13	2(TET-1,TNPSC-1)
2013-14	40(TET-7, TNPSC-33)

### 29. Student progression

Student Dueguesian	Against % enrolled					
Student Progression	2009-10	2010-11	2011-12	2012-13	2013-14	
UG to PG (%)	59	53	46	55	64	
PG to M. Phil. (%)	NA	NA	NA	27	67	
PG to Ph. D.	NA	NA	NA	NA	NA	
Ph. D. Post-Doctoral	NA	NA	NA	NA	NA	
Employed						
<ul> <li>Campus selection</li> </ul>						
<ul> <li>Other than campus</li> </ul>						
recruitment		4	29	15	28	
Entrepreneurship/Self- employment						

### 30. Details of Infrastructural facilities

Information required	Details				
Library	Central	Books	3113		
	library	Magazine	13		
		Projects	688		
		CD	5		
		Journal	National &		
			International - 49		
	Department	Books			
	library	Projects			
		CD			
Internet facilities for		5			
staff & students					
Total number of class		19			
rooms					
Class rooms with ICT	Nil				
facilities					
Student's laboratories	Nil				
Research laboratories		Nil			

# 31. Number of students receiving financial assistance from college, university, government or other agencies

Number of Students	2009-10	2010-11	2011-12	2012-13	2013-14
College	20	39	36	97	40
University					
Government					
Other agencies					

### 33. Teaching methods adopted to improve student learning

- Teaching by the staff using black board, power point presentation
- Students seminar using black board, over head projector, power point presentation with the help of teacher
- Poster presentation by the students with the help of teacher
- Skit play in groups each unit by the students with the help of teacher
- Model preparation in groups for each units with help of teacher
- Extension of each unit in the society from where the students through skit play, awareness talk, meetings, etc.

# 34. Participation in Institutional Social Responsibility (ISR) and Extension activities

Department's students are part of

- National Service Scheme (NSS)
- Youth Red Cross (YRC)
- Red Ribbon Club (RRC)
- Consumer Awareness Club
- Women's Development Cell
- Department Association
- Sigma Club Activities

#### **Consumer Awareness Club Activies**

 Consumer Awareness rally organized by our college Consumer club on 24.12.2014. It was coordinated by Mrs. Nmegala, Asst Prof., and Department of Mathematics. 30 student of both UG and PG has participated in the rally

#### Sigma club Activities

To bring out students hidden talents every Wednesday we are conducting the activities like Maths Quiz, Mono Act, Math word chain, Puzzles, Seminar in mathematical topics for the students.

### 35. SWOC analysis of the department and Future plans

STRENGTH	WEAKNESS
Qualified and well experienced	Staff stability
faculty members	
• Well equipped Digital Library.	
OPPORTUNITY	CHALLENGES
• After UG, Students have the	High competition, Creating
Opportunity to select the	awareness among the students
various fields for their higher	
studies.	
<ul> <li>Students have the wide</li> </ul>	
Opportunity for Government	
Job.	
• Students can do research work	
with fund	

### **FUTURE PLANS**

- To establish the Ph.D programme in the Department
- Evolve students to join nationally and internationally reputed organizations
- Develop students to publish papers in highly reputed journals
- Evolve patentable work for future human needs

### DEPARTMENT OF MICROBIOLOGY

Q. No.	Information required		Details
1	Name of the department	MICROBIOLOGY	
2	Year of establishment	B. Sc., M. Sc., M. Phil., Ph. D.,	1995-1996 1999-2000 2002-2003 2002-2003
3	Programmes / courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.)	B.Sc., Microbiolo M.Sc., Applied M M.Phil., Microbiol Ph.D., Microbiol	ogy ⁄licrobiology ology
4	Names of Interdisciplinary courses and the departments/units involved	Nil	
5	Annual / Semester / Choice Based Credit Systems	UG and PG  M. Phil. and Ph. D.	Semester pattern and Choice Based Credit System – Annual pattern and Choice Based Credit System
6	Participation of the department in the courses offered by other departments	Courses B. Sc Allied B.ScLanguage B. Sc. Non Major Elective B. Sc. Skill Based Elective M. Sc. Elective and Extra disciplinary course	Department Biochemistry Computer Science English, Tamil Concepts of Biotechnology, Applied Biotechnology Microbial Diversity, Techniques in Microbiology, Bioinformatics, rDNA technology, Extremophiles, Pharmaceutical Microbiology, Microbial Nanotechnology, Entrepreneurship in Microbiology, Advances in Life Sciences, Medical Laboratory Technology, Biomedical Engineering, IPR,Biosafety and Ethics. Nil
7	Courses in collaboration with other Universities, industries, foreign institutions, etc	rad oil-codist	NIL
8	Details of courses/programmes discontinued (if any) with reasons		NIL

### 9. Number of Teaching Posts Sanctioned and Filled

Designation	Sanctioned	Filled
Professor	1	1
Associate Professor	2	2
Assistant Professor	6	6

### 10. Faculty Profile

Name	Qualificati on	Designation	Specialization	Experie nce (years)	No. of Ph.D. Students guided for the last 4 years
Mr.B.T.Sureshkumar	M.Sc., M.Phil.,	Assistant Professor & Head	Immunology and Molecular Biology	20	Nil
Dr.K.Moorthy	M.Sc., M.Phil.,P h.D	Associate Professor/Research Coordinator	Medical Bacteriology	22	Nil
Mrs.S.Arul Sheeba Malar	M.Sc., M.Phil.,	Assistant Professor	Medical Bacteriology & Mycology	11	Nil
Mr.P.Palanivel	M.Sc., M.Phil.,S LET.,	Assistant Professor	Actinomycetes & Bioactive metabolites	14	Nil
Dr.A.Malarvizhi	M.Sc., M.Phil., Ph. D.,	Assistant Professor	Medical virology	9	Nil
Dr.P.Vijayalakshmi	M.Sc., Ph.D. PGDMBT	Associate Professor	Medical Bacteriology Immunology Advanced Biotechnology	10	3
Mrs.V.Lavanya	M.Sc., M.Phil.,	Assistant Professor	Medical Virology	8	Nil
Mrs.M.Thaila	M.Sc., M.Phil.,	Assistant Professor	Medical Bacteriology	9.5	Nil
Mrs.S.Janaki	M.Sc., M.Phil.,	Assistant Professor	Medical Bacteriology	8	Nil

Q. No.	Information required	Details			
11	List of senior visiting faculty	2			
12	Percentage of classes taken by			Ni1	
	temporary Faculty				
13	Student-Teacher Ratio	B. Sc.	M. Sc.	M. Phil.	Ph. D.
	(Programme-wise)	15:1	07:1	2:1	6:1
14	Number of academic support	Sanct	ioned	Fil	led
	staff and administrative staff	2		2	
	sanctioned and filled				
15	Qualifications of teaching	Please refer S. No. 10			
	faculty with D.Sc/ D.Litt/				
	Ph.D/ M.Phil / PG.				
	Diversity of Staff Percentage of faculty who are graduates				
	Of the same parent University		22.5	22	
	From other Universities within the State		66.	66	
	Number of Faculty who were		1		
	awarded Ph.D., D.Sc., and D.Litt.,				
	during the assessment Period				

### 16. Number of Faculty with On-going projects

S. No.	Name of the	National/	Funding	Grants
	Faculty	International	agency	received
1	Dr. K.Moorthy	National	Institutional	75,000.00
2	Dr.P.Vijayalakshmi	National	Institutional	1,00,000.00
3	Dr. A. Malarvizhi	National	Institutional	50,000.00

### 17. Department Projects Funded by DST-FIST, DBT, ICSSR, etc., and total grants received

Nil

### 18. Research Centre / facility recognized by the University

Department is recognized for both M. Phil. and Ph. D. Research programs Separate research laboratory is available for Microbiology, Immunology, Biotechnology and Molecular biology work. The major instruments available are listed below.

S. No.	List of major instruments
1	UV Spectrophotometer
2	Microcentrifuge
3	High speed centrifuge
4	-20°C Deep freezer
5	Autoclaves
6	Microscopes
7	Incubators
8	Micro photographic facility
9	Trinocular Microscope with photographic facility
10	Laminar Air flow Chamber
11	Electrophoresis Apparatus
12	Western Blotting
13	DNA Transilluminator
14	ELISA Microplate Reader
15	Hot air oven

### 19. Publication

Information required	Det	ails	
Publication per faculty	Ç	)	
Number of papers published in peer reviewed journals (national /international)	International	National	
by faculty and students	65	21	
Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)	20 sequences Submitted in NCBI	Ni1	
Monographs	N	il e	
Chapter in Books	Nil		
Books Edited	N	il .	
Books with ISBN/ISSN numbers with details of publishers	N	ïil	
Citation Index	N	il .	
SNIP	N	il	
SJR	N	il	
Impact factor	N	il .	
h-index	N	il	

Q. No.	Information required			Details	5	
20	Areas of Consultancy and income generated	Nil				
21	Faculty as members in	Na	tional	Internat	ional	Editorial
		com	mittees	Commi	ttees	Boards
			Nil	Nil		Nil
	Faculty Recharging Strategies	<ul> <li>Conducting in house faculty development programs         Permitting faculty development program in other         institutions</li> <li>Permitting faculty to conduct/ participate/         presenting/chair seminars/ conferences/ training         programs/ workshops/exhibitions both in house and         other institutions</li> <li>Facilitate to interact with subject experts both in         house and other institutions</li> <li>Faculty encouraged to participate in Yoga classes in         house</li> </ul>				
	Student Projects	2009-10	2010-11	2011-12	2012-13	2013-14
22	Percentage of students who have done in-house projects including inter departmental/programme	22	22.95	32.6	66.66	26.31

### 23. Awards / Recognitions received by faculty and students

### **Faculty**

- 1. Dr. K. Moorthy, Research Coordinator and Professor, Department of Microbiology was honored the "BEST CITIZEN AWARD" by International Publishing House, New Delhi in 2010.
- 2. Dr. K. Moorthy, Research Coordinator and Professor, Department of Microbiology was honored the "RASHTRIYA GAURAV AWARD" by International Publishing House, New Delhi in 2010.

#### Ph. D. Research Scholars

1. Miss. A. S. Saranya, awarded Ph. D. Scholarship from Periyar University from 2014 onwards and Dr. Vivekanandha Endowment Award for best Student of the Department 2012.

### **Students**

S. No.	Year	Gold Medals				Total:	Ranks
		UG	PG	M. Phil.	UG	PG	M. Phil.
1	2009-10	1	1	1	2	4	7
2	2010-11	1	1	-	6	3	2
3	2011-12	1	1	1	2	3	2
4	2012-13	1	1	-	4	9	7



### AWARDS AND RECOGNITION RECEIVED BY THE STUDENT IN EXTRA CURRICULAR AND CO- CURRICULAR ACTIVITIES

			Name & Place of the	
Year	Name of the Students	Programme Details	Institution from where the awards was received	Name of the Award/Prize
2009- 2010	Ms.R.Radha - I M.Sc., AMB	National level symposium PRAXIS X – Group Dance – 26 <sup>th</sup> & 27 <sup>Th</sup> February 2010	Government College of Technology, Coimbatore	First place
	Ms.R.Radha I M.Sc., AMB	Acted as refree in 2 <sup>nd</sup> South Zone Championship,– 20 <sup>th</sup> and 21 <sup>st</sup> February 2010	Gandhi Stadium, Salem	First place
	Ms.R.Radha I M.Sc., AMB	Fly - 2 <sup>nd</sup> South Zone Championship, 20 <sup>th</sup> and 21 <sup>st</sup> February 2010	Gandhi Stadium, Salem	Gold Medal
	Ms.R.Radha - I M.Sc., AMB	District level cultural Festival in event Folk Dance [ Group] – 29 01.2010	Nehru Yuva Kendra, Namakkal	First Place
	Ms.R.Radha - I M.Sc., AMB	South Zone championship – 3 <sup>rd</sup> & 4 <sup>th</sup> October 2009.	Gurudhayal Sharma Thirumana Mandapam, Thanjavur	Gold Medal
	Ms.R.Radha - I M.Sc., AMB	Acted as refree in State Championship - 26 <sup>th</sup> April, 2009	A.K.Mahal Thiruvanakovil, Trichy	Second prize
	Ms.R.Rajeswari – M.Sc., AMB	Vivekanandha Quiz Competion – 3 <sup>rd</sup> Feb, 2009.	Vivekanandha College	Second prize
2010- 2011	Naveena Moideen.A.K	Group dance	PGP College – Namakkal	I Prize
	Nasima.A,		Zetalots – Salem	II Prize
	AminaBibi, Sajana K. A		Beta it – Salem	II Prize
	III BSc MB		AVM Productions, Erode	I Prize
2011- 2012	Ms.D.Vanitha., III BSc MB	Kabaddi competition	Namakkal district,20.8.2011 & 21.8.2011	Kalakkal kabaddi championship I Place
			Intercollegiate kabaddi tournament, Uthangarai on 12.9.2011 to 13.9.2011.	II place
			Intercollegiate kabaddi tournament,Salem	III place
			National level intercollegiate tournament on 3.2.2012 and	I place

### VIVEKANANDHA COLLEGE OF ARTS AND SCIENCES FOR WOMEN (AUTONOMOUS) SELF STUDY REPORT

			5.2.2012.Won 4 <sup>th</sup> PSN trophy	
			Kalakkal kabaddi- Kabaddi premier league for women held at Erode on 5.2.2012 and 12.12.2012.	Won Jai chakra cup
2012-	Ms.D.Vanitha.,	Kabaddi competition	Mettur, Salem	III
2013	III BSc MB		Perambalur	III
			Annagour, Namakkal	IV
			Modakurichi ,Erode	III
			Tiruchencode ,Namakkal	III
			PSN trophy, Tirunelveli	III
			Salem	I
			Mettur, Salem	I
			CM trophy, Sivakasi	III
			Padmavani Arts and Science college, Salem	I
2013-	Ms.D.Vanitha.,	District level-Kabaddi	CM Trophy, Namakkal	I
2014	III BSc MB	National-Kabaddi	PSN trophy, Tirunelveli	III
		State-Kabaddi	Salem	I
		State-Kabaddi All India-Kabaddi	Mettur,Salem CM trophy,Sivakasi	I
	T.Punitha	Paper presentation on	International	II prize
	Ph.D scholar	the topic In vitro screening of Antimicrobial. In	conference on Nanobio, Biomimetic materials & its applications- BIOSUMMIT- 2014 in Hindustan Institute of Technology and College of Arts and Sciences, Coimbatore.	ii piize



## 24. List of eminent academicians and scientists / visitors to the department

Year	Special lectures	Name of the External Experts
2009-	Applications of Transgenic	Dr.N.Munirajappa, Chairman, Dept of Sericulture,
2010	technology in Sericulture	Bangalore University, Bangalore
	Prospects of Genetic	Dr.K.Kathiresan, Professor, Center of Advanced study in
	engineering in Marine	Marine Biology, Annamalai university, Parangipettai.
	organisms for mitigation of	3, 31
	global warming and sea	
	level raising.	
	Transgenic Plants in Crop	Dr.K.K.Kumar, Associate Prof, Dept of Plant Molecular
	Improvements	Biology, TNAU, Coimbatore
	Biotechnological	Dr.P.Venkatachalam,Reader,Periyar University,Salem-11
	applications for rubber	
	tree improvements	
	Environmental Genomics	Dr.M.Krishnan, Prof & Head, Bharathidasan University,
		Tiruchirapalli.
	Strain improvement in	Dr.K.Swaminathan, Prof & Head, Dept of
	Industrial important	Biotechnology, Bharathiyar University, Coimbatore.
	organism.	
	Genetic engineering of	Dr.R.Sathish Kumar, Dept of Biotechnology, Bharathiyar
	Crop plants for cold	University, Coimbatore.
	tolerance	
	Microalgal in Biofarming	Dr.N.Thajudin, Prof & Head, Department of Microbiology
		Bharathidasan University, Tiruchirapalli
	Metabolic engineering with	Dr.A.Ganapathy, Prof, Dept of Plant
	reference to	biotechnology,Bharathidasan University, Tiruchirapalli
	Cucumber, Soyabean and	
	Rhodophyllum hexandrum.	
	Transgenic technology-A	Dr.M.Vivekanandan,Director,Biosciences Vivekanandha
	new boon to Mankind	
2010-		college of Arts and Sciences, Tiruchengode, Namakkal dt.
2010-	Biotechnological aspects of Actinomycetes	Dr.R.Balagurunathan, Associate professor, Department of Microbiology,
2011	Actinomycetes	Periyar University, Salem-11.
	Agri-Biotechnology	Dr.A.Sathianarayanan, Scientist, GGEF, Pudhucherry.
	Bio Dynamic Farming	Mr.A.Bharath Raman, Agro Bio Care,
	Bio Dynamic Farming	Dharmapuri.
	Biopesticide for	Dr.K.Murugan, Prof in Zoology, Bharathiyar University,
	Sustainable agriculture	Coimbatore.
	Biofertilisers	Dr.R.Jayakumararaj, Head, Depat of Botany, Raja
	Biolet imocro	Doraisingam Govt Arts College, Sivagangai.
	Bank loan facilities for	Mr.K.Karunakaran,Ast Manager,State Bank of India
	Agri-Biotechnology	
2011-	Applications of Molecular	Dr.N.Thajudin, Prof & Head, Department of Microbiology
2012	tools in detection of	Bharathidasan University, Tiruchirapalli
	harmful algal blooms.	

### VIVEKANANDHA COLLEGE OF ARTS AND SCIENCES FOR WOMEN (AUTONOMOUS) SELF STUDY REPORT

Applications of Molecular tools in field of medical	Dr.K.Natarajaseenivasan, Associate Professor, Dept of Microbiology, Bharathidasan University, Trichy
Molecular pathogenesis of HIV/AIDS	Dr.S.Mahalingam, Associate Professor, Dept of BT, IIT-Chennai.
Synthetic biology-Trends	Dr.Akila Kalaiselvan,Director,Sculpture Institute of India,Chennai
Nanobiotechnology	Dr.P.T.Kalaiselvan, Professor, CAS in Botany, Guindy, Campus, Madras University, Chennai
Personality Development	Mr.Madhu Jackson.S.
Quorum sensing in Bacteria	T.S.Gnanendra, Head ,Department of Bioinformatics, VICAS.
	Dr.N.Parthasarathy,Dean, Rajalakshmi Engineering college,Thandalam,Chennai.
Sucessful applications of Microbial Biotechnology in Petroleum Industry.	Dr.D.Ramesh Kumar,CEO,Salem Microbes pvt ltd,Salem.
Recent advances in Diagnosis of Parasitic infections	Dr.Subash Chandra Parija,Prof and Head Dept of MB,JIPMER,Pudhuchery
IgY technology in Human and Animal welfare	Dr.A.Michael, Associate Prof and Head, Dept of MB,PSG college, Coimbatore.
Pediatric Viral Infections	Dr. Prem Anand Balraj, Research Scientist, Temasek Life science Laboratory, National University of Singapore, Singapore.
Jumping Viruses- Mysteries of cross species translation	Dr.P.Rajendran, Professor, Department of Microbiology, Sri Ramachandra Medical college and Research institute, Chennai.
Challenges in the Diagnosis and Management of Re- emerging Infections in India	Dr.Subash Chandra Parija, Professor & Head, Department of Microbiology, JIPMER, Pudhucherry.
Mechanisms of Drug resistance in clinically important bacteria	Dr.B.Appalaraju, Professor and Head, Department of Microbiology, PSGIMS, Coimbatore
Global trends in HIV pathogenesis and Vaccines	Dr.Luke Elizabeth Hanna. Scientist 'C'National Institute for Research in Tuberculosis, Chetput, Chennai
Food safety standards and Food law	Dr.M.Krishnamoorthy
Bioremediation	Dr.Seralathan Kamala Kannan, South Korea
Human Microbiome and health	Dr.D.Ramesh Kumar,Salem microbes pvt ltd,Salem
D'1 ' '	D. O C E. ID TANGA CO
Filariasis	Dr.G.Sargunam, Ex-JD,TANSACS Miss.T.Punitha, Ph.D Scholar,VICAS
	tools in field of medical microbiology  Molecular pathogenesis of HIV/AIDS  Synthetic biology-Trends  Nanobiotechnology  Personality Development Quorum sensing in Bacteria  Trends in Microbial fermentation  Sucessful applications of Microbial Biotechnology in Petroleum Industry.  Recent advances in Diagnosis of Parasitic infections  IgY technology in Human and Animal welfare  Pediatric Viral Infections  Jumping Viruses- Mysteries of cross species translation  Challenges in the Diagnosis and Management of Reemerging Infections in India  Mechanisms of Drug resistance in clinically important bacteria  Global trends in HIV pathogenesis and Vaccines  Food safety standards and Food law  Bioremediation  Human Microbiome and health



# 25. Seminars/ Conferences/Workshops organized & the source of funding

- a) National
- b) International

Year	Name of the seminar/ Workshop organized by the department	Date	Number of participants	Source of funding	Seminar workshop outcome
2009- 2010	National Conference on " Advancement in Transgenic Technology (ADTGT'09)	23.09.2009 to 25.09.2009	300	Self	To create awareness about the transgenic technology among the students
2009- 2010	National Workshop on "Agri Biotechnology for healthy environment, rural development and employment" (State Level)	05.03.2010 to 06.03.2010	413	DBT for Rs.0.6 lakhs	Focused on practical training to the farmers, unemployed youth and students on biofertilizer, vermin, composting and mushroom cultivation
2010- 2011	National seminar on Molecular Diagnosis Of Infectious Diseases" (Moldid'11]	23.2.2011& 24.2.2011	550	Self	To disseminate the recent trends in molecular diagnosis
2011- 2012	National seminar on Advancements in Microbial Technology-(ADMT'12)	21.2.2012 & 22.2.2012	307	Self	To enlighten the students on the advances in Microbial technology.
2012- 2013	National seminar on Emerging Trends and Global Perspectives on Infectious Diseases - ETGPID'13	21.2.2013 & 22-2-2013	405	Self	To create awareness to the participants in recent emerging trends and global perspectives on infectious diseases.
2013- 2014	International symposium "Biomillineum", Biosciences research for present and future	08.11.2013	300	Self	To Create an awareness on biosciences research among the students community
2013- 2014	One day Workshop on Biofertilizer and Mushroom Cultivation-BMC'13	1.02.2013	100	Self	To develop the entrepreneurship skills of the participants in mush room cultivation and Biofertiliser production.
2013- 2014	Bioexhibit	25.1.2014	700	self	To commemorate the National science day'2014.To motivate the student community in creativity and innovative ideas in science.
2013- 2014	National science day work shop	1.3.2014 to 12.3.2014	126	Self	To commemorate the National science day'2014 and to give hands on training to the students on Molecular tools.

### 26. Student profile programme/course wise:

Year	Name of the	Applications	Enro	Enrolled		centage
	Course	Received	Male	Female	Male	Female
2009-10	B. Sc.,	80	-	66	_	89.39
2009-10	M. Sc.,	103	-	88	_	98.80
	M. Phil.	15	-	12	-	100.00
	B. Sc.,	70	-	53	-	77.35
2010-11	M. Sc.,	100	-	61	-	93.40
	M.Phil.	-	-	-	-	-
	Ph. D.	Nil	-	Nil	NA	NA
	B. Sc.,	60	-	39	-	79.48
2011-12	M. Sc.,	70	-	49	-	87.75
	M.Phil.	6	-	4	-	100.00
	Ph. D.	Nil	-	Nil	-	
	B. Sc.,	42	-	33	-	96.96
2012-13	M. Sc.,	40	-	30	-	100.00
	M.Phil.	6		6	-	100.00
	Ph. D.	3	-	3	-	
2013-14	B. Sc.,	40	-	28	-	92.85
	M. Sc.,	40	1	38	-	100
	M.Phil.	4	-	4	-	
	Ph. D.	4	-	4	-	_

### 27. Diversity of Students admitted

Courses	% of students from the state	% of student from other state	% of students from Abroad				
	2009-10						
UG	78	22	-				
PG	87	13	-				
M. Phil.	100	-	-				
	20	10-11					
UG	77	23	ı				
PG	86	14	-				
M. Phil.	-	-	-				
	20	11-12					
UG	75	25	I				
PG	85	15	-				
M. Phil.	100	-	-				
	2012-13						
UG	73	27	1				
PG	82	28					
M. Phil.	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 Busynessian	Against % enrolled					
Student Progression	2009-10	2010-11	2011-12	2012-13	2013-14	
UG to PG (%)	42.42	51.5	35	46.1	20.5	
PG to M. Phil. (%)	80	57	80	66.66	75	
PG to Ph. D.	Nil	Ni1	0.061	0.02	-	
Ph. D. Post-Doctoral	Nil	Nil	Nil	Nil	Nil	
Employed	19.69	26.4	23	12	3.5	
Campus selection	19.09	20.4	43	12	3.3	
Other than campus						
recruitment	Ni1	3.0	20.41	6.06	7.14	
Entrepreneurship/Self-						
employment	Nil	Ni1	Ni1	Nil	Ni1	

### 30. Details of Infrastructural facilities

Information required		Details		
		Books	2178	
		Magazine	18	
	Central	Projects	999	
	library	CD	15	
Library		Journal	National - 35	
			International – 07	
	Department	Books	182	
	library	Projects	-	
		CD	10	
Internet facilities for	18			
staff & students				
Total number of class		5		
rooms				
Class rooms with ICT	Nil			
Facilities				
Student's laboratories	2			
Research laboratories		1		

### 31. Number of students receiving financial assistance from college, university, government or other agencies

Number of Students	2009-10	2010-11	2011-12	2012-13	2013-14
College	32	33	21	18	11
University	Nil	Ni1	Ni1	Nil	Nil
		Government			
SC scholarship	21	12	4	12	6
Indira Gandhi	Nil	1	Nil	3	Nil
single child	1111	1	1111	3	IVII
Tamilnadu					
educational	Nil	Ni1	Ni1	2	1
trust					
Other agencies	Nil	Nil	Nil	Nil	Nil

### 33. Teaching methods adopted to improve student learning

- Teaching aids used by the staff Black board, Over Head Projector, Power point presentation
- Students seminar using black board, over head projector, power point presentation with the teacher as a facilitator.
- Poster presentation by the students.
- Skit play in groups.
- Model preparation in groups for each units with help of teacher

# 34. Participation in Institutional Social Responsibility (ISR) and Extension activities

Department's students are part of

- National Service Scheme (NSS)
- Youth Red Cross (YRC)
- Red Ribbon Club (RRC)
- Consumer Awareness Club
- Women's Development Cell
- Jennerian club activity –Department Association
- Blood donor club

### VIVEKANANDHA COLLEGE OF ARTS AND SCIENCES FOR WOMEN (AUTONOMOUS) SELF STUDY REPORT

		JENNERIAN CLUE	ACTIVITY	
S.No	Date	Name of the activity	Nature of the	Participants
5.110	Date		activity	1 articipants
1	14.07.0010	Jennerian club activi	_ •	II M C - AMD
$\frac{1}{2}$	14.07.2010 21.07.2010	General Knowlwdge Science & Technology	Quiz competition quiz competition	II M.Sc., AMB II M.Sc.,AMB & III
4	21.07.2010	is beneficial for the	and debate	B.Sc., MB
		common people".	and debate	D.OC., MD
3	28.07.2010	"Mobile usage is	Debate & Short	II M.Sc., AMB & III
		beneficiary for	Speech with	B.Sc.MB
		campus".	interactions	
4	02.08.2010	"Friendship can be	Frienship Day	II M.Sc. MB.
		maintained after their marriage	Celebrations with debate	
5	13.08.2010	A sanitary awareness	uebate	
Ü	10.00.2010	programme		
6	26.08.2010	General topics	Short speech with	I M.Sc., AMB & III
_			interactions	B.Sc MB
7	15.09.2010	Bioplastics and its	Power point	II M.Sc.,AMB
0	19.01.2011	Degradation.	presentation	III D Co. MD
8	19.01.2011	How to appear before the interview	Lecture	III B.Sc., MB
		committee		
9	25.01.2011	Personality	Guest lecture	All the students of
		Development		MB
10	02.02.2011	"Quorum sensing in	Guest lecture	All the students of
11	09.02.2011	Bacteria". The Menstural Cycle	PowerPoint	MB I M.Sc. & II M.Sc.
11	09.02.2011	The Mensional Cycle	presentation	AMB & MPhil
			processes	Students.
		ennerian club activit	y- 2011-2012	
1	F 0 0011	C DNA	A ' , 1 1'	шро ошмо
1	5.8.2011	Cancer,DNA replication,	Animated audio visual session	III BSc & II MSc
		Transcription,	visual session	
		Menstrual cycle.		
2	10.8.2011	Joint family vs	Debate	III BSc & II MSc
_		Nuclear family		
3	17.8.2011	How to Attain success	Short Speech with	III BSc & II MSc
		in life, Mental health, Super bugs, Cold	interaction"	
		chain, Amazing Facts.		
4	24.08.2011	Tobacco mosaic virus	Power point	III BSc & II MSc
		and Clostridium	presentation	
_	14.00.0011	tetani	0 1:	III DO O II MO
5 6	14.09.2011 21.12.2011	Adolescent health Nano technology and	Group discussion	III BSc & II MSc III BSc & II MSc
U	21.12.2011	its applications in	Power point presentation	III DOC 03 II IVIOC
		medicine	Production	
7	28.12.2011	Exercises in	Group exercises,	III BSc & II MSc
		communication	8Power point	
			presentation, Role	
8	04.1.2012	Behaviour change	play Power point	III BSc & II MSc
O	07.1.2012	communication	presentation	III DOC & II WOC
9	25.1.2012	Save the girl child	Power point	III BSc & II MSc
		Ü	presentation	

### VIVEKANANDHA COLLEGE OF ARTS AND SCIENCES FOR WOMEN (AUTONOMOUS) SELF STUDY REPORT

	JENNERIAN CLUB ACTIVITY						
S.No	Date	Name of the activity	Nature of the activity	Participants			
		Jennerian club activit					
1	12.07.2012	"Effective and	Lecture	III BSc & II MSc			
		powerful personality development tips"					
2	18.07.2012	"Exercise on	Character	III BSc			
		Character building"	Inventory Game				
3	03.08.2012	"Quiz programme"	Quiz	III BSc , II MSc , I MSc			
4	17.08.2012	-"Paediatric Viral	Guest lecture by	Dept of MB and BT			
		infections"	Dr.Bal raj				
			Premanand from Singapore				
5	02.01.2013	"Food Fads"	Group discussion	I M.Sc., III B.Sc.,			
6	29.01.2013	"Anaemia screening"	Lab examination	I M.Sc., and III			
		in VMCH lab		<u>B.Sc.,</u>			
7	02.02.2013	Mini Exhibition on	Exhibition	Dept of MB			
	<u> </u>	"Anaemia awareness". ennerian club activity-	2012 2014				
1	27.06.2013&	What's in your mind	Individual activity-	III BSc & II MSc			
1	29.06.2013	What o m your mind	Oral presentation	III Boe will moe			
2	13.07.2013	Traditional and Modern	Debate	All students of			
		culture-Merits and Demerits		Dept of MB			
3	13.07.2013	Biosynthesis of Sil;ver	Power point	All students of			
		and Gold	presentation	Dept of MB			
		nanoparticles using					
4	13.07.2013	microbial biomass Health & Medicine-	Power point	All students of			
	13.07.2013	Nanogold	presentation	Dept of MB			
5	25.07.2013	Microbiology cross	Group activity	II M.Sc., III B.Sc.,			
		word puzzle	-	MB			
6	07.08.2013	Food safety standards	Guest lecture by	I M.Sc., and III			
		and Food law	Dr.M.Krishnamoor thy	B.Sc.,B			
7	21.08.2013	Bioremediation	Guest lecture by	Dept of MB			
			Dr.S.Kamalakannan	_			
8	13.9.2013	Postafest'2013	Poster presentation	II M.Sc., and			
9	27.12.2013	Microbiome and	Guest lecture	III B.Sc., MB All bioscience			
	27.12.2010	health	Guest lecture	students			
10	28.12.2013	Geriatric problems	Group discussion	II M.Sc., III B.Sc.,			
	00.01.001.	Dit : :	0 11	MB			
11 12	03.01.2014	Filariasis	Guest lecture	All students of MB			
	23.01.2014	HIV/AIDS	Quiz competition	II B.Sc., III B.Sc., MB			
13	07.02.2014	Mental Defense mechanism	Role play	I M.Sc., and III B.Sc., MB			
14	08.02.2014	Personal hygiene from	Awareness	All students of MB			
		head to toe	programme				

#### **Extension activities:**

#### SANITARY AWARENESS PROGRAMME

On 13.08.2010-A sanitary awareness programme was conducted in the club nearly six batches were arranged with an informative charts, culture plates, pamphlets and bit notices were distributed. Club members created awareness for the various departments like English, Biotechnology, Biochemistry, and Bioinformatics. Our students explained clearly about the usage of toilet to avoid infections. Many health tips were given to overcome the infections. On 19.08.2010, the sanitary awareness programme was extended to other departments that include Physics, Chemistry, Maths, Botany, Zoology and Tamil.

#### CITIZEN CONSUMER CLUB

All the students of department of Microbiology have got enrolled as member of the Citizen Consumer Club on 5.10.2013.

#### NATIONAL CONSUMER DAY AWARENESS RALLY

1		Students participated in Medicare to
		tribal people (HIV&HPV),
	2009-2010	Karumandhurai – Namakkal
2		Medicare to pregnant women (TORCH
		infections),Salem
3	2010-2011	Nil
4	2011-2012	Medical camp in Vellimalai,Kallakurichi
5		Assessing the epidemiology of HPV
	2012-2013	among the tribal women in Ooty
	2012-2013	TORCH prevalence among the
		pregnant population in Kerala

National consumer day awareness rally was jointly organized by Citizen Consumer Club of Vivekanandha College of Arts and Sciences for Women and the District supply and Consumer protection officers Dr.K.Tamilselvan, Mr.C.Ramakrishnan, Regional Coordinator, FS & CR Mr.Chokkalingam on 24.12.2013 from Tiruchencode on Food safety and Consumer rights. A number of 32 students from our department participated in this rally. A lecture was delivered in the afternoonwas delivered on Food safety and Consumer rights.

#### MOTIVATIONAL PROGRAMME IN ENGLISH

In order to motivate the students to learn English easily for that a movie was played on the drama "The Merchant of Venice" on 28.12.2013 for all the I and II UG students of Biosciences department. Nearly 270 students viewed the movie.

#### MOTIVATIONAL PROGRAMME IN TAMIL

On 28.12.2013 a motivational programme was arranged by the department for the I and II UG students of the entire Biosciences department in the Tamil seminar hall. Various competitions like Debate, Kavithai, and Singing competition were conducted for the students. Totally 280 students participated in the programme.

The prize winners are:

- Chippy.C.Anand-II BSc Microbiology-I prize-Singing competition
- A.S.Swarnalakshmi- II BSc Microbiology-II prize-Singing competition
- S.Sumega, P.Indhuja, V.Sharmila, N.Saranya of team led by M.Durga group secured I place in debate.

#### VIVEKANANDHA MEGA EXPO AND AIR SHOW

The management organized a mega expo 2013 on 19.10.2013 to 21.10.2013 in VCW. The department of microbiology participated in the expo and presented 18 models.

#### **ELITE ENGLISH EXPO'13**

The Department of English organized an Elite English expo'13 on 1.10.2013. All the students of our department visited the expo.

#### NATIONAL SCIENCE DAY CELEBRATIONS

24.2.2014 to 7.3.2014 National science day was celebrated in three phases. In the first phase different competitions were held for the non science students in the following: vegetable carving, salad preparation, oratorical competition etc and in the second phase National science day celebration was organized on 28.1.2014 by inviting Padmashri,

### VIVEKANANDHA COLLEGE OF ARTS AND SCIENCES FOR WOMEN (AUTONOMOUS) SELF STUDY REPORT

Dr. Venkatapathi Reddiar, the first farmer to receive the award. In connection with this, Bioexhibit was also arranged and best exhibits were selected and prizes were given. In the third phase 12 days workshop was organized for 126 bioscience students in molecular techniques from March 1st to 12th March 2014

### 35. SWOC analysis of the department and Future plans

STRENGTH	WEAKNESS
<ul> <li>Qualified and well experienced faculty members</li> <li>Well equipped Digital Library.</li> <li>Well equipped class rooms and laboratories.</li> </ul>	Staff stability
OPPORTUNITY	CHALLENGES
<ul> <li>Placement-on campus drive</li> <li>Women development through women development cell.</li> <li>After UG, Students have the Opportunity to select the various fields for their higher studies.</li> <li>Awareness on consumer rights through citizen consumer club.</li> <li>Students have the wide Opportunity for Government Jobs.</li> <li>Fee concession for parentless and poor</li> <li>Free education for meritorious students through Arivu thiran.</li> <li>Free education for those who excel in sports.</li> <li>Students can do research work with external fund</li> </ul>	Imparting quality education to rural students ailing from tamil medium and to make them excel in their career.

#### **FUTURE PLANS**

- To Establish Collaborative research works with other University Departments.
- Encourage students to conduct research for sustainable development of human beings.
- To establish nodal agency for medical virology and pharmaceutical microbiology.
- To introduce health care technology.
- Develop students to publish papers in highly reputed journals
- Evolve patentable work for future human needs
- To conduct social awareness and Health care programmes (Awareness of sexually transmitted diseases) periodically in adopted villages.

### **DEPARTMENT OF PHYSICS**

Q. No.	Information required		Details		
1	Name of the department	PHYSICS			
2	Year of establishment	B. Sc.	2003-2004		
		M. Sc.	2003-2004		
		M. Phil.	2009-2010		
3	Programmes / courses offered	B.Sc. Physics			
	(UG, PG, M.Phil., Ph.D.,	M.Sc. Physics			
	Integrated Masters;	M. Phil. Physics			
	Integrated Ph.D., etc.)				
4	Names of Interdisciplinary	Nil			
	courses and the				
_	departments/units involved	UG and PG	Composton mottoms and Obsis		
5	Annual / Semester / Choice Based Credit Systems	og and PG	Semester pattern and Choice Based Credit System –		
	baseu Creuit Systems		Annual pattern and Choice		
		M. Phil.	Based Credit System		
6	Participation of the department	Courses	Department Department		
	in the courses offered by other	B. Sc Allied	Mathematics, Chemistry		
	departments	B.ScLanguage	English, Tamil, Malayalam		
	•	B. Sc. Non Major	Chemistry, Mathematics and		
		Elective	all other departments		
		B. Sc. Skill Based	All other departments		
		Elective	1		
		M. Sc. Elective	Chemistry and all other		
		and Extra	departments		
		disciplinary course			
		Add-on-Course	All UG and PG Departments		
7	Courses in collaboration with				
	other universities, industries,	NIL			
	foreign institutions, etc				
8	Details of courses/programmes				
	discontinued (if any) with		NIL		
	reasons				

### 9. Number of Teaching Posts Sanctioned and Filled

Designation	Sanctioned	Filled
Professor	3	3
Associate Professor	5	5
Assistant Professor	17	17

### 10. Faculty Profile

Name	Qualification	Designati	Specialization	Experience	No. of Ph.D.
1101112	- Qualition to 11	on	opooranination	(years)	Students guided for
				(5 5 5 5 7	the last 4 years
Dr. N. Jayamani	M.Sc., M.Sc.,	Professor	Material science	12	last 4 years
J	Ph.D.,	and Head			
Mr.Jayaseelan	M.Sc.,M.Phil.,	Professor	Material science	12	
Dr. G. Kandiban	M.Sc.,M.Phil.,	Professor	Non-Linear	11	
	Ph. D.		Dynamics		
Mrs.K.Sujatha	M.Sc.,M.Phil.,	Assi. Professor		10	
Mrs.E.Gladis Anitha	M.Sc.,M.Phil.,	Assi. Professor	<i>3</i>	10	
			solar cells	-	
Mr.P.Suresh	M.Sc.,M.Phil.,		Crystal growth	10	
Mr.P.Bagiyaraj	M.Sc.,M.Phil.,	Assi. Professor		9	
75 0 4 1 1	11.0 5.51		materials		
Mrs. S. Anjelin	M.Sc.,B.Ed.,	Assi. Professor	Thinfilm	9	
Ursula Portia	M.Phil,	A ' D C	0 1	0	
Ms.	M.Sc.,M.Phil,	Assi. Professor	•	8	
M.Indhumathy			Mechanics		
Mrs. N. Latha	M.Sc.,M.Phil,	Assi, Professor	Crystal growth	7	
min of the Battle	111.001,1111 1111,	11001, 1 10100001	019 0101 810 11 111		
Mrs.M.Malarvizhi	M.Sc.,M.Phil,	Assi, Professor	Thinfilm	7	
Dr.A.Prakasam	M.Sc.,M.Phil.,	Assi. Professor	Dye sensitized	7	
	Ph. D.		solar cells		
Mrs. B. Lakshmi	M.Sc.,M.Phil,	Assi. Professor	Lattice	5	
			Dynamics		
Ms.R. Meenakshi	M.Sc.,M.Phil,	Assi. Professor	Thinfilm	4	
Mrs. S.Na.Shereenaa	M.Sc.,M.Phil,	Assi. Professor		5	
	,		Dynamics		
Ms. N.Sangeetha	M.Sc.,M.Phil.,	Assi. Professor	Nuclear Physics	3	
Mrs.S.Kalaivani	M.Sc.,M.Phil.,	Assi. Professor	Solar Radiation	3	
Mrs. N.Mohan priya	M.Sc.,M.Phil.,	Assi. Professor	Crystal growth	1	
Mrs. T. Girija	M.Sc.,B.Ed.,	Assi. Professor	Spectroscopy	1	
Ms.C.Indira	M.Sc.,M.Phil.,	Assi. Professor	Dye sensitized	1	
Priyadharsini			solar cells		
MS.P.Sudha	M.Sc.,B.Ed.,	Assi. Professor	Crystal growth	1	
	M.Phil.,				
Ms.N.K.Chitra	M.Sc.,	Assi. Professor	Vibrational	1	
M DD 1	34.0 34.75	A 1.D. 0	Spectroscopy	1	
Ms.R.Ramyadevi	M.Sc.,M.Phil.,	Assi. Professor		1	
Mar M IZ a will be a	M O - M D1. !1	Assi Des Cons	mechanics	1	
Mrs.M.Karthiga	M.Sc.,M.Phil.,	Assi. Professor	7	4Months	
Ms.J.Tamilkani	M.Sc.,M.Phil.,	Assi, Proiessor	Vibrational	TWOITUIS	
			Spectroscopy		

Q. No.	Information required	Details			
11	List of senior visiting faculty	2			
12	Percentage of classes taken by temporary Faculty	Nil			
13	Student-Teacher Ratio	B. Sc.	M. Sc.	M. Phil.	Ph. D.
	(Programme-wise)	20:1	20:1	4:1	Nil
14	Number of academic support	Sancti	oned	Fil	led
	staff and administrative staff sanctioned and filled	3 3			3
15	Qualifications of teaching	P1	ease ref	er S. No.	10
	faculty with DSc/ D.Litt/				
	Ph.D/ MPhil / PG.				
	<b>Diversity of Staff Percentag</b>	e of facu	lty who	are grad	luates
	Of the same parent Univers	ity	6 Out	t of 21	
	From other Universities wit State	•			
	Number of Faculty who wer awarded Ph.D., D.Sc., and D during the assessment Period	3			

### 16. Number of Faculty with On-going projects

NIL

### 17. Department Projects Funded by DST-FIST, DBT, ICSSR, etc., and total grants received

Ni1

### 18. Research Centre /facility recognized by the University

Department is recognized for both M. Phil. and Ph. D. Research where separate research laboratory is available with Plant Tissue culture, Bioprocess, Microbial and Molecular biology laboratory facilities some of the major instruments are listed below.

S. No.	List of major instruments
1	Ultrasonic Interferrometer for Solid & Liquid
2	Michelson Interferrometer
3	Millikan's Oil Drop Instrument
4	LVDT

### 19. Publication

Information required	Details			
Publication per faculty	1.2			
Number of papers published in peer	International	National		
reviewed journals (national /international) by faculty and students	28	2		
Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)	28	2		
Monographs	-			
Chapter in Books	-			
Books Edited	-			
Books with ISBN/ISSN numbers with details of publishers	-			
Citation Index	-			
SNIP	-			
SJR	-	_		
Impact factor	3,1.77, 1.5, 0.5	5		
h-index	-			

Q. No.	Information required			Det	ails		
20	Areas of Consultancy and income generated	com	Free consultancy is given to the neighboring community and students on physics enterprises				
21	Faculty as members in	comn	ional <u>nittees</u> Vil	Internat Commi		Editorial Boards 1	
	Faculty Recharging Strategies	<ul> <li>Nil Nil 1</li> <li>Conducting in house faculty development programs</li> <li>Permitting faculty development program in other institutions</li> <li>Permitting faculty to conduct/ participate/ presenting/chair seminars/ conferences/ training programs/ workshops/exhibitions both in house and other institutions</li> <li>Facilitate to interact with subject expert both in house and other institutions</li> <li>Faculty encouraged to participate in Yoga classes</li> </ul>					
	Student Projects	2009-10	2010-11	2011-12	2012-13	2013-14	
22	Percentage of students who have done in-house projects including inter departmental/programme	15	25	50	75	75	



### 23. Awards / Recognitions received by faculty and students

Faculty- NIL

### **Students**

S. No.	Year	Gold Medals			4	Total:	Ranks
		UG	PG	M. Phil.	UG	PG	M. Phil.
1	2009-10	NIL	NIL	01	01	05	05
2	2010-11	NIL	NIL	NIL	NIL	04	05
3	2011-12	NIL	NIL	01	NIL	02	7
4	2012-13	NIL	01	01	NIL	09	08

## 24. List of eminent academicians and scientists / visitors to the department

Year	Special Lectures	Name of the External Experts		
	Nano Technology	Dr.C.Sekar, Assistant Professor, Periyar University, Salem		
2009-10	Bio Physics	Dr.M.N.Ponnusamy, Director & Professor,		
		Department of Crystallography & Biophysics,		
	14 . 11 . 1	University of Madras, Chennai-25		
	Magneto Hydro Dynamics	Dr.K.Somasundaram, Professor & Head, Department		
2010-11		of Computer Science & Applications, Gandhi Gram Rural Institute , Gandhigram		
	Solar Cell	Dr. V. Raman, Senior Scientist, Centre for Fuel Cell		
		Technology (ARCI), Chennai - 600 113.		
	Nano Technoloy	Dr. R. Jayavel, Professor & Director, Center for Nano		
2012-13	mt to the	Science & Technology, Anna University, Chennai.		
	Theoritical Physics	Dr. D. Rajendran, Senior Scientist,		
	EO E .	Department of Animal nuetrician, NIANP, Bangalore		
	EQ Empowerment	Dr. M. Jamal Mohamed Jafar, Professor & Head,		
		Department of Physics, Jamal Mohamad College, Trichy		
	Spectroscopy Techniques	Dr. S. Deiva Malar, Assistant professor, Department		
	opectroscopy recrimques	of physics, Govt Arts College, Pudukkottai.		
	Crystal Growth Techniques	Dr. P.Srinivasan, Assistant professor, Department of		
	& Their studies	physics, Anna university college of Engineering,		
		Panruti.		
2013-14	Health Awareness	Dr.S.Ranimaheswari,		
	programme	Vivekanandha medical care hospital, Tiruchengode		
	Physico chemical	Dr.G.sekaran, Chief scientist, Central Leather		
	characteristics of Carbon	Research Institute, Chennai		
	Positive emotions and their	Ms. J.Parameswari, Assistant Professor, Department		
	wellbeings	of Psychology, Periyar university, Salem		
	Nano Materials	Dr.G.Mohan Rao, Professor, Department of Applied		
		Physics, IISC, Bangalore		

# 25. Seminars/ Conferences/Workshops organized & the source of funding

- a) National
- b) International

S.No	Year	Name of the seminar/ Workshop organized by the department	Date	Number of participants	Source of funding	Seminar workshop outcome
1	2009- 2010	Recent Trends In Physical Science	22.01.2010	450		Focused on Recent trends in physical sciences.
2	2011-2012	National conference on Recent Trends in Nano- Science and Technology	23.1.2012 & 24.1.2012	475		To Enrich the students knowledge in Nano science
3	2012- 2013	National Conference on Recent trends in materials science	28.02.13	486		To Create an awareness on Nano materials research among the students community
4	2013- 2014	Workshop on paper Origami	27.12.13	420		To Enrich the students knowledge in extracurricular activities
5		National Conference on Recent trends in materials science	25.01.14	500		To Create an awareness on Nano materials research among the students community

### 26. Student profile programme/course wise:

Year	Name of the	Applications	Enrolled		Pass Per	centage
	Course	Received	Male	Female	Male	Female
2009-10	B. Sc.,	110		110		85
	M. Sc.,	27		27		90
	M. Phil.	25		5		100
2010 11	B. Sc.,	137		137		89
2010-11	M. Sc.,	33		33		95
	M.Phil.	15		5		100
2011 12	B. Sc.,	96		96		90
2011-12	M. Sc.,	39		39		97
	M.Phil.	11		11		91
2010.10	B. Sc.,	137		137		83
2012-13	M. Sc.,	51		51		90
	M.Phil.	13		13		85
2013-14	B. Sc.,	138		138		NA
	M. Sc.,	22		22		NA
	M.Phil.	12		12		100

### 27. Diversity of Students admitted

Courses	% of students from the state	% of student from other state	% of students from Abroad					
	2009-10							
UG	100	1	1					
PG	90	10	-					
M. Phil.	100		1					
	2010-	-11						
UG	100		1					
PG	88	12	1					
M. Phil.	100		-					
	2011-	-12						
UG	100		_					
PG	85	15	_					
M. Phil.	100		-					
	2012-	-13						
UG	100		_					
PG	11		_					
M. Phil.	100		-					
	2013-14							
UG	100		_					
PG	90	10	-					
M. Phil.	100		-					

# 28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.?

### 29. Student progression

Student Bregnessien	Against % enrolled					
Student Progression	2009-10	2010-11	2011-12	2012-13	2013-14	
UG to PG (%)	40	35	30	25	37	
PG to M. Phil. (%)	25	20	15	10	10	
PG to Ph. D.	5	-	-	5	5	
Ph. D. Post-Doctoral	-	-	-	-	-	
Employed						
<ul> <li>Campus selection</li> </ul>						
<ul> <li>Other than campus</li> </ul>						
recruitment	13.33	9.52	2.82	2.85	2.85	
Entrepreneurship/Self- employment						

### 30. Details of Infrastructural facilities

Information required	Details				
Library	Central	Books	2516		
	library	Magazine	5		
		Projects	329		
		CD	15		
		Journal	National - 08		
			International - 01		
	Department	Books	300		
	library	Projects	-		
		CD	15		
Internet facilities for		25			
staff & students					
Total number of class		12			
rooms					
Class rooms with ICT	Ni1				
Facilities					
Student's laboratories	3				
Research laboratories		1			

### 31. Number of students receiving financial assistance from college, university, government or other agencies

Number of Students	2009-10	2010-11	2011-12	2012-13	2013-14
College	3	6	6	9	5
	(50,000)	(2,40,000)	(1,20,000)	(5,70,000)	(2,50,000)

### 33. Teaching methods adopted to improve student learning

- Teaching by the staff using black board, over head projector, power point presentation
- Students seminar using black board, over head projector, power point presentation with the help of teacher
- Poster presentation by the students with the help of teacher
- Skit play in groups each unit by the students with the help of teacher
- Model preparation in groups for each units with help of teacher
- Extension of each unit in the society from where the students through skit play, awareness talk, meetings, etc.

# 34. Participation in Institutional Social Responsibility (ISR) and Extension activities

Department's students are part of

- National Service Scheme (NSS)
- Youth Red Cross (YRC)
- Red Ribbon Club (RRC)
- Consumer Awareness Club
- Women's Development Cell
- Soliton –Department Association

The activities are as follows

### **Consumer Awareness Club Activies**

 Consumer Awareness rally organized by our college Consumer club on 24.12.2013. It was coordinated by Ms. Sangeetha .N,

### VIVEKANANDHA COLLEGE OF ARTS AND SCIENCES FOR WOMEN (AUTONOMOUS) SELF STUDY REPORT

Asst Prof., and Department of Physics. 30 student of both UG and PG has participated in the rally

#### **Soliton Activities**

- Visit to Medical Instrument Lab, Vivekanandha Medical Care Hospital (VMCH) on 24.09.2013 & 25.09.13 to enrich the basic knowledge in importance of X-rays, MRI scan, ECG & CT scan.
   85 students from III B.Sc Physics participated in this program.
- Awareness program on prevent the Electricity on 04.10.2013.
   Power point presentation was done by Ms. K. Keerthana and D. Sangeetha of II M.Sc Physics.
- Field visit for III B.Sc.,PHYSICS students to know the Instrumentation Technique at Salem Steel plant on 21.12.13 & 28.12.13 to Coordinated by Dr. N. JAYAMANI, Head, Department of Physics

### 35. SWOC analysis of the department and Future plans

STRENGTH	WEAKNESS
• Qualified and well experienced faculty	Staff stability
members	
• Well equipped Digital Library.	
OPPORTUNITY	CHALLENGES
<ul> <li>After UG,Students have the</li> </ul>	• High competition, Creating
Opportunity to select the various	awareness among the
fields for their higher studies.	students
• Students have the wide Opportunity	
for Government Job.	
• Students can do research work with	
fund	

### **FUTURE PLANS**

- To develop department into specialized research center for Nano science & Technology Research center.
- Evolve students to join nationally and internationally reputed organizations
- Encourage students to conduct research for sustainable development of human beings
- Develop students to publish papers in highly reputed journals
- Evolve patentable work for future human needs

### **DEPARTMENT OF TAMIL**

Q. No.	Information required		Details
1	Name of the department	TAMIL	
2	Year of establishment	UG	2003
		PG	2006
		M.PHIL	2009
		Ph.D	2013
3	Programmes / courses offered	B.A. Tamil	
	(UG, PG, M.Phil., Ph.D.,	M.A. Tamil	
	Integrated Masters;	M. Phil. Tamil	
	Integrated Ph.D., etc.)	Ph. D., Tamil	
4	Names of Interdisciplinary	Nil	
	courses and the		
	departments/units involved		
5	Annual / Semester / Choice		
	Based Credit Systems	Semester pattern	and Choice Based Credit
		System	
6	Participation of the department	Courses	Department
	in the courses offered by other		
	departments	Herbal Botany	Botany
		Mushroom	
		Cultivation	
7	Courses in collaboration with		
	other universities, industries,		NIL
	foreign institutions, etc		
8	Details of courses/programmes		
	discontinued (if any) with		NIL
	reasons		

### 9. Number of Teaching Posts Sanctioned and Filled

Designation	Sanctioned	Filled
Professor	1	1
Associate Professor	1	1
Assistant Professor		5

### 10. Faculty Profile

Name	Qualification	Designation	Specialization	Experience (years)
Dr.S.Muppidathi	M.A,.M.Phil.,Ph.D	Asst.Professor	Ithazhiyal	09
Dr.S.Jayanthi	M.A,.M.Phil.,Ph.D	Asst.Professor	Pakthi illakiam	10
Dr.V.Banumathi	M.A,.M.Phil.,Ph.D	Asst.Professor	Sanga Illakiam	12
Mrs.N.Jothimani	M.A., M.Phil.,	Asst.Professor	Ikkala Illakiam	11
Dr.A.Ganesan	M.A,.M.Phil.,Ph.D	Asst.Professor	Nattupuravial	08
Dr.R.Singaraja	M.A,.M.Phil.,Ph.D	Asst.Professor	Sanga Illakiam	06

Q. No.	Information required		Details		
11	List of senior visiting	2			
	faculty				
12	Percentage of classes taken by temporary Faculty			Ni1	
13	Student-Teacher Ratio	B. A	M. A	M. Phil	Ph. D
	(Programme-wise)	1:20	1:15	1:5	1:7
14	Number of academic support	San	ctioned		Filled
	staff and administrative staff sanctioned and filled	07 07			07
15	Qualifications of teaching	I	Please 1	refer S. N	o. 10
	faculty with DSc/ D.Litt/				
	Ph.D/ MPhil / PG.				
	<b>Diversity of Staff Percentag</b>	e of fa	culty w	ho are g	raduates
	Of the same parent Univers	ity	01		
	From other Universities wit	hin th	e 06		
	State				
	Number of Faculty who wer	e 02			
	awarded Ph.D., D.Sc., and D	Litt.,			
	during the assessment Perio	•			

### 16. Number of Faculty with On-going projects

S. No.	Name of the Faculty	National/ International	Funding agency	Grants received	
NIL					

17. Department Projects Funded by DST-FIST, DBT, ICSSR, etc., and total grants received

Ni1

### 18. Research Centre /facility recognized by the University

### Nil

### 19. Publication

Information required	Detai	ils
Publication per faculty		
Number of papers published in peer reviewed journals (national /international)	International	National
by faculty and students	5	
Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences		
Directory, EBSCO host, etc.)		
Monographs	Nil	
Chapter in Books	Nil	
Books Edited	10	
Books with ISBN/ISSN numbers with details of publishers		
Citation Index		
SNIP		
SJR		_
Impact factor		
h-index		

Q. No.	Information required			Detail	S	
20	Areas of Consultancy and income generated	Ni1				
21	Faculty as members in		National committees		ional ttees	Editorial Boards
		I I	Vi1	Ni1		Nil
	Faculty Recharging Strategies	<ul> <li>Faculty Development Programme         Deputing faculty to attend and present papers in National/International Level Seminar/Conferences .     </li> <li>Appreciation extended to the staff for publishing articles in the journals</li> </ul>			and rel he staff for	
	Student Projects	2009-10	2010-11		2012-13	
22	Percentage of students who have done in-house projects including inter departmental/programme	100	100	100	100	100

23. Awards / Recognitions received by faculty and students

### **Faculty**

NIL

### **STUDENTS**

### RANK HOLDERS LIST (2010-2011)

S.No.	NAME	COURSE	RANK
1	G.Nithya	M.Phil	I
2	S.Umamaheswari	M.A	II

### **RANK HOLDERS LIST (2012-13)**

S.No.	NAME	COURSE	RANK
1.	C.Chandra	M.Phil	I
2.	R.M.Revathi	M.Phil	III
3.	R.Sathya	M.Phil	VI
4.	M.Poongodi	M.Phil	VII
5.	T.Vidya	M.Phil	VIII
6.	B.Kamalini	M.Phil	IX
7.	K.Priya	M.A	I
8.	R.Manimegala	M.A	II
9.	B.Saranya	M.A	III
10.	R.Revathi	M.A	IV
11.	V.Aparna	M.A	V
12.	S.Chitra	M.A	VI
13.	R.Parameshwari	M.A	VII
14.	G.Megala	M.A	VIII
15.	M.Kavitha	M.A	IX
16.	S.Sathya	M.A	X
17.	K.Kowsalya	B.A	X

## 24. List of eminent academicians and scientists / visitors to the department

S. No	Name & Address of the Guest Lecturer / Visiting Faculty	Date & Time	Topic on which the lecture is delivered	Significance of the Programme
2009-	Mr.Sangararama Barathi, Assistant Prof of Tamil,Mahendra Arts and Sciences college,Kalipatti. Mr.Venkadesan, Assistant Prof of Tamil,Selvam Arts and Science college,Namakkal.  Mr.S.Paramasivam,H.O.D,Commer ce, Vivekanandha College Of Arts and Sciences For Women, Elayampalayam. Dr.M.Tamilmaran,Associate	06-10-09 09-10-09 07-01-10	Illakiyamum Vazhviyalum Kavithai amaippiyal  Sirippom Sinthippom  Sanga illakkiya panmuga parvai	Illakiya Thiranaivu Ikkala Illakiam Ikkala Illakiam Sanga illakkiam
	Prof,Department of Tamil,Periyar university Arts and Science College, Mettur.			
2010-111	Dr.P.Saravanan, Assistant Prof of Tamil ,Periyar university Arts and Science College, Mettur. Mr. S. Sundhara balu, Assistant Prof of Tamil, Bharathiyar University, Kovai T.S.Natarasan, Assistant Prof of Tamil Madurai University, Madurai. Dr.Kovintharajulu, Principal,Vivekanandha Vithyabavan Higher Secandary School.Ellayampalayam	03-09-10 27-01-11 07-02-11 25-02-11	Illakkiya kalvi Mozhi katralil porul kalamum anuvum Illakkiya Thiranaivil Uiaviyal Pommalatam Oru paravai parvai.	Illakiya Thiranaiviyal Lingustics Illakiya Thiranaiviyal Folk Lore

	T			
2011-12	Mr.Siva.s. Magalingam, Assistant Prof of Computer science, Vivekanandha College Of Arts and Sciences For Women, Elayampalayam.	25-08-11	Saiva sithantha kotpadukal	Pakthi illakiyam
	Dr.S.Thamarai pandiyan, Assistant Prof of Tamil,P.G.P Arts and Science college,Namakkal.	21-09-11	Natupura	FolkLore
	Dr.A.Srinivasan, Assistant Prof of Tamil, Madurai University.  Madurai.	27-02-12	padalkal kattum tamilar vazhviyal	Illakanam
	Dr.Paktha vachala Barathi	28-02-12	vaziiviyai	
			Tholkappiyathil Eluthu kotpadu	Illakiya Thiranaiviyal
			Panpattil manudaviyal pangu	
2012- 13	Dr.P.Saravanan, Assistant Prof of Tamil ,Periyar university Arts and Science College, Mettur.	24-08-12	Illakiya kalvi	Illakia Thiranaiveal
	K.ManiEzhilan,Editor,Nilla soru Magazine,Chennai	08-10-12	Ithaliyal oru kalai	Ithaliyal
	Dr.S.Thamarai pandiyan, Assistant Prof of Tamil,P.G.P	29-01-13	Olai suvadigal	Pandaya
	Arts and Science college, Namakkal.	28-02-13	pathippin sevai	illakkiyam
	Mr. S.Sundhara balu, Assistant Prof of Tamil,Bharathiyar University,Kovai		Narambu mozhiyal	Lingustics

### SPECIAL LECTURE PROGRAMME ORGANIZED

S.N o	Date	Name of the Seminar, Workshop and Symposium	Resource Person Details	No. of Participati ons (Our College & Other College)
1.	22.04.2013	வினா உரு வடிவமைப்புப் பயிலரங்கம்	முனைவர். வி.இளங்கோவன் வேளுஇ மைசூர். திரு.விஐயகுமார், வேளுஇ மைசூர்.	25
2.	26.09.2013 27.02.2014	ஹைக்கூ பயிலரங்கம் தேசியக் கருத்தரங்கம் - வகைமை நோக்கில் சங்க இலக்கியம்	திரு.நாணற்காடன்  3. முனைவர்.வி.இளங்கோவன் வேளுஇ ஆலளழசந.  2.திருமதி.என்.இந்திராகாந்தி மு.சு. கல்லூரிஇ தமிழ்நாடு  3. முனைவர். க.மாரியப்பன், திராவிடப்பல்கலைக்கழகம்இ ஆந்திரமாநிலம் .  4. முனைவர். மா.நயினார். திருவனந்தபுரப் பல்கலைக்கழகக் கல்லூரி, கேரளமாநிலம்  5. முனைவர். ஆ.மணவழகன் உலகத்தமிழாராய்ச்சி நிறுவனம், சென்னை.  6. முனைவர். செ.ரவிசங்கர்	173
3.	07.01.2014 to 11.01.2014	வேுளு — பயிலரங்கம்	மதுரை காமராசர் பல்கலைக்கழகம், மதுரை. 1. முனைவர்.வி.இளங்கோவன் வேளுஇ ஆலளழசந. 2. திருமதி. சகுந்தலா வேளுஇ ஆலளழசந.	25
5.	06.01.2014 24.01.2014, 25.01.2014	இதழியல் பயிலரங்கம் ஓலைச்சுவடி பயிலரங்கம்	திரு. மணிபெழிலன், நிலாச்சோறு பத்திரிகை ஆசிரியர் முனைவர். சு.தாமரைப்பாண்டியன், உலகத்தமிழாராய்ச்சி நிறுவனம், சென்னை.	188 173
6.	25.02.2014, 26.02.2014	சிறுதொழில் பயிலரங்கம்	திரு. இராமமூர்த்தி, நாமக்கல்	100

# 25. Seminars/ Conferences/Workshops organized & the source of funding

- a) National
- b) International

Date	Topic	Seminars / Conferences / Workshops Organized / Quiz competition	Source of fund
17.03.2010 & 18.03.2010	Idaliyal	Seminar	Angammal Educational Trust
27.07.2010 & 28.07.2010	Ilakkiyangal	Seminar	Angammal Educational Trust
02.07.2012 - 06.07.2012	Ilakkana Payirchi	Work Shop	Angammal Educational Trust
19.12.2012 - 21.12.2012	Tholkappiyathil Ikkala Mozhiyal Sinthanai	Seminar	Central Institute of Classical Tamil (1,50,000)
26.03.2014 & 27.03.2014	Sanga Ilakkiyam	Seminar	Angammal Educational Trust

26. Student profile programme/course wise:

Year	Name of the	Applications Received	Selected		Pass Percentage	
	Course		Male	Female	Male	Female
2009-10	B.A.,	54		54		100
	M.A.,	11		11		100
2010-11	B.A.,	37		37		100
	M.A.,	35		35		100
	B.A.,	43		43		100
2011-12	M.A.,	30		30		100
	B.A.,	62		62		100
2012-13	M.A.,	16		16		100
	B.A.,	41		41		100
2013-14	M.A.,	12		12		100

### 27. Diversity of Students admitted

	UG	PG		M. Phil	
Year	% of students from the state	% of students from the college	% of students from the state	% of students from the college	% of students from the state
2009-10	100	12	88	28	72
2010-11	100	45	55	15	85
2011-12	100	35	65	44	56
2012-13	100	10	90	75	25
2013-14	100	18	82	60	40

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.?

NET- 02

TET- 02

PGTRB-01

### 29. Student progression

Student Due succeion	Against % enrolled					
Student Progression	2009-10	2010-11	2011-12	2012-13	2013-14	
UG to PG (%)	12	45	35	10	18	
PG to M.Phil.(%)	28	15	44	75	60	
Employed						
<ul> <li>Campus selection</li> </ul>						
<ul> <li>Other than campus</li> </ul>						
recruitment						
Entrepreneurship/Self- employment						

### 30. Details of Infrastructural facilities

Information required		Details	
Library	Central	Books	6823
	library	Magazine	
		Projects	141
		CD	
		Journal	
	Department	Books	
	library	Projects	
		CD	
Internet facilities for		Yes	
staff & students			
Total number of class	06		
rooms			
Class rooms with ICT	-		
facilities			
Student's laboratories	-		
Research laboratories	-		

## 31. Number of students receiving financial assistance from college, university, government or other agencies

Number of Students	2009-10	2010-11	2011-12	2012-13	2013-14
College	10	20	19	09	10
University	-				
Government	-	-	-	-	-
Other agencies	-	-	-	-	-

### 33. Teaching methods adopted to improve student learning

- Back board usage, Power point Presentation, OHP
- Through exams, Group discussion, Interactions, Quiz programme and overall performance

# 34. Participation in Institutional Social Responsibility (ISR) and Extension activities

Department's students are part of

- National Service Scheme (NSS)
- Youth Red Cross (YRC)

- Red Ribbon Club (RRC)
- Consumer Awareness Club
- Women's Development Cell
- Hypher Cyber Association

### 35. SWOC analysis of the department and Future plans

STRENGTH	WEAKNESS
<ul> <li>Well equipped Digital Library.</li> <li>Safety and Security for hostel inmates.</li> <li>Qualified faculties for each discipline.</li> <li>Extended transport mechanism for students and staff.</li> </ul>	<ul> <li>Staff stability</li> <li>Lack of interest for higher studies.</li> </ul>
OPPORTUNITY	CHALLENGES
<ul> <li>Placement for deserving students.</li> <li>Management contribution for physically disabled students.</li> <li>Providing free education/fee concession for the daughter of non teaching staff</li> <li>Students have the Opportunity to select various fields for their higher studies.</li> <li>Students have the wide Opportunity for Government Job.</li> <li>Students have the opportunity to do research work with fund</li> </ul>	<ul> <li>Challenges on bringing below average students into extraordinary students</li> <li>Challenges in minimizing absenteeism after a long holiday</li> <li>High competition, Creating awareness among the students</li> </ul>

### **FUTURE PLANS**

- Planned to apply for the projects through various funding agencies like AICTE,ICMR and CSIR
- Planned to motivate the staff to publish papers in the National and Imternational Journals
- Motivated the staff to present papers in National / International Conferences.
- Develop research students to publish papers in highly reputed journals

### DEPARTMENT OF ZOOLOGY

Q. No.	Information required		Details		
1	Name of the department	ZOOLOGY			
2	Year of establishment	B. Sc. M. Sc. M. Phil.	2005 2005 2009		
3	Programmes / courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.)	B.Sc. ZOOLOGY M.Sc. ZOOLOGY M. Phil. ZOOLOGY			
4	Names of Interdisciplinary courses and the departments/units involved	Nil			
5	Annual / Semester / Choice Based Credit Systems	UG and PG M. Phil.	Semester pattern and Choice Based Credit System – Annual pattern and Choice Based Credit System		
6	Participation of the department in the courses offered by other	Courses	Department		
	departments	B. Sc Allied	Botany		
		B.ScLanguage	English, Tamil		
		B. Sc. Non Major Elective	Herbal botany, mushroom cultivation		
		B. Sc. Skill Based Elective	Poultry sciencs, Agriculture entomology		
		M. Sc. Elective and Extra disciplinary course	Biochemistry, Microbiology and herbal botany		
		Add-on-Course	All UG and PG Departments		
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 and Filled

Designation	Sanctioned	Filled
Professor	NIL	NIL
Associate Professor	2	2
Assistant Professor	4	4

### 10. Faculty Profile

Name	Qualification	Designation	Specialization	Experience (years)	No. of Ph.D. Students guided for the last 4 years
Dr. P.SUMATHI	M.Sc., M.Phil., Ph.D	Professor	Entomology	7.11	
K.RGANGADHARAN	M.Sc., M.Phil.	Assi. Professor	Aquaculture	7.11	
Dr. A. ARUNACHALAM	M.Sc. M.Phil., Ph.D	Assi. Professor	Eco Toxicology	6.10	
Dr. K. YASHKAMAL	M.Sc., Ph.D	Assi. Professor	Entomology	1yr	
Dr. M.LENA	M.Sc . M.Phil., Ph.D.	Assi. Professor	Conservation Biology	1yr	
Dr. H.FARITHA BEGUM	M.Sc . M.Phil., Ph.D	Assi. Professor	Pollution Biology	7mth	

Q. No.	Information required		De	tails	
11	List of senior visiting			Nil	
	faculty				
12	Percentage of classes taken by	Nil			
	temporary Faculty				
13	Student-Teacher Ratio	B. Sc. M. Sc. M. Phil. Ph. D			Ph. D.
	(Programme-wise)	16:1	16:1	3:1	
14	Number of academic support	Sanctioned Filled			led
	staff and administrative staff	3 3			3
	sanctioned and filled				
15	Qualifications of teaching	Please refer S. No. 10			10
	faculty with DSc/ D.Litt/				
	Ph.D/ MPhil / PG.				
	<b>Diversity of Staff Percentag</b>	e of facu	lty who	are grad	luates
	Of the same parent Univers	ity	1 out	of 6	
	From other Universities wit	hin the	5		
	State				
	Number of Faculty who were				
	awarded Ph.D., D.Sc., and D.Litt.,				
	during the assessment Perio	•			

### 16. Number of Faculty with On-going projects

S. No.	Name of the Faculty	National/ International	Funding agency	Grants received
1	Dr. P.SUMATHI	National	Institutional	50,000.00
2	Dr. A. ARUNACHALAM	National	Institutional	50,000.00



## 17. Department Projects Funded by DST-FIST, DBT, ICSSR, etc., and total grants received

Ni1

### 18. Research Centre /facility recognized by the University

Department is recognized for both M. Phil. and Ph. D. Research where separate research laboratory is available with Plant Tissue culture, Bioprocess, Microbial and Molecular biology laboratory facilities some of the major instruments are listed below.

S. No.	List of major instruments
1	Colorimeter-8 filter Systronic 112
2	Rotary Microtome
3	Spectrophotometer
4	Electronic balance with wind shield (Shimadzu)
5	Soxhlete apparatus
6	Paper Electrophoresis
7	Lux meter
8	Aneroid Barometer
9	Autoclave
10	Centrifuge(R8C)

### 19. Publication

Information required	Details		
Publication per faculty	18		
Number of papers published in peer reviewed journals (national	International	National	
/international) by faculty and students	18		
Number of publications listed in International Database (For Eg: Web of	8		
Science, Scopus, Humanities International Complete, Dare			
Database - International Social Sciences Directory, EBSCO host, etc.)			
Monographs			
Chapter in Books			
Books Edited			
Books with ISBN/ISSN numbers with details of publishers	-		
Citation Index	-		
SNIP	-		
SJR	-		
Impact factor	2		
h-index	-		

Q. No.	Information required	Details				
20	Areas of Consultancy and income generated Nil					
21	Faculty as members in	National o	committees	Internat	ional	Editorial
				Commit	ttees	Boards
		ľ	Nil Nil			3
	Faculty Recharging	Nil				
	Strategies					
	Student Projects	2009-10	2010-11	2011-12	2012-13	2013-14
22	Percentage of students who	20	18	15	20	19
	have done in-house projects					
	including inter					
	departmental/programme					

## 23. Awards / Recognitions received by faculty and students

### **Faculty**

Nil

### **Students**

S. No.	Year	Gold Medals				Total :	Ranks
		UG	PG	M. Phil.	UG	PG	M. Phil.
1	2009-10	-	1	1	_	5	_
2	2010-11	1	1	1	3	7	-
3	2011-12	1	1	1	-	-	-
4	2012-13	1	-	1	5	-	-

# ${\bf 24.}\ List$ of eminent academicians and scientists / visitors to the department

Year	Special Lectures	Name of the External Experts
	Rearing Techniques of	Dr. S. Ravi,
	Silkworm	Scientists of central Silk research
2009-10		Institute,Salem
2009-10	Cultivation of	Dr. M. Balasaraswathi,
	Mulberry	Scientists of central Silk research
		Institute, Salem
	Cell cycle check points	Dr. S. Kannan, Professor and Head of the
		department of Zoology, Periyar University,
		Salem
	Living Treasure of	Mr. and Mrs. Kamalam Chidambaram,
2013-14	Handicrafts from Silk	Lion (Ind) International Agencies, Salem
	Cocoon	
	Molecular ecology	Dr.Shivakumar,
		Assistant Professor, Periyar University,
		Salem



# 25. Seminars/ Conferences/Workshops organized & the source of funding

- a) National
- b) International

S. No.	Year	Name of the seminar/ Workshop organized by the department	Date	Number of participants	Source of funding	Seminar workshop outcome
1	2011- 2012	Silk cocoon Handicrafts	20 Jan 2012	150	Institutional	Self employment
2	2012- 2013	Mulberry Silk Cocoon Handicrafts	20.2.13	100	Institutional	Self-employment training activity
3	2014	International symposium "Biomillineum", Biosciences research for present and future	08.11.13	300	Institutional	To Create an awareness on biosciences research among the students community

### 26. Student profile programme/course wise:

Year	Name of the	Applications	Enr	Enrolled		centage
	Course	Received	Male	Female	Male	Female
2009-10	B. Sc.,	58	_	55	_	70
2009-10	M. Sc.,	53		50	_	100
	M.phil	6		4		100
	B. Sc.,	56	-	52	-	85
2010-11	M. Sc.,	54	-	51	-	100
	M.phil	3		1		100
	B. Sc.,	57	-	50	-	75
2011-12	M. Sc.,	45	-	41	-	100
	M.phil	10		6		100
	B. Sc.,	71	-	68	-	92
2012-13	M. Sc.,	44	-	41	-	100
	M.phil	10		7		100
	B. Sc.,	78	-	73	1	100
2013-14	M. Sc.,	35	1	31	1	100
	M.Phil.	5		3		100

### 27. Diversity of Students admitted

Courses	% of students % of student from the state from other state		% of students from Abroad				
	2009-10						
UG	<b>UG</b> 74 26		-				
PG	55	45	-				
M. Phil.	100	-	-				
	20	10-11					
UG	100	ı	ı				
PG	75	25	-				
M. Phil.	100	-	-				
	20	11-12					
UG	100	-	-				
PG	100	-	-				
M. Phil.	100	-	-				
	20	12-13					
UG	100	-	-				
PG	60	40	-				
M. Phil.	100	-	-				
	20	13-14					
UG	100	-	-				
PG	75	25	-				
M. Phil.	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 Dueguesien	Against % enrolled						
Student Progression	2009-10	2010-11	2011-12	2012-13	2013-14		
UG to PG (%)	56	50	60	70	75		
PG to M. Phil. (%)	65	100	40	50	54		
PG to Ph. D.	-	ı	ı	ı	-		
Ph. D. Post-Doctoral	-	ı	ı	ı	ı		
Employed							
<ul> <li>Campus selection</li> </ul>							
<ul> <li>Other than campus</li> </ul>							
recruitment	40	50	65	75			
Entrepreneurship/Self- employment							

### 30. Details of Infrastructural facilities

Information required		Details	
Library	Central	Books	
	library	Magazine	
		Projects	
		CD	
		Journal	National
			International - 18
	Department	Books	
	library	Projects	-
		CD	
Internet facilities for		18	
staff & students			
Total number of class		5	
rooms			
Class rooms with ICT	Nil		
facilities			
Student's laboratories	2		
Research laboratories		1	

## 31. Number of students receiving financial assistance from college, university, government or other agencies

#### NIL

### 33. Teaching methods adopted to improve student learning

- Teaching by the staff using black board, over head projector, power point presentation
- Students seminar using black board, over head projector, power point presentation with the help of teacher
- Poster presentation by the students with the help of teacher
- Skit play in groups each unit by the students with the help of teacher
- Model preparation in groups for each units with help of teacher
- Extension of each unit in the society from where the students through skit play, awareness talk, meetings, etc.

# 34. Participation in Institutional Social Responsibility (ISR) and Extension activities

Department's students are part of

- National Service Scheme (NSS)
- Youth Red Cross (YRC)

- Red Ribbon Club (RRC)
- Consumer Awareness Club
- Women's Development Cell
- Technocrazy -Department Association

### **Consumer Awareness Club Activies**

 Consumer Awareness rally organized by our college Consumer club on 24.12.2013. It was coordinated by Dr. A. Arunachalam Asst Prof., and Department of Zoology. 30 student of both UG has participated in the rally

#### Panthera leo Club' Activities

- We inaugurated our 'Panthera leo Club' for students on 27<sup>th</sup> Dec'13.
- A quiz program was conducted for the club divided in two days; on 21<sup>st</sup> Jan. and 4<sup>th</sup> Feb 2014; in this event two teams organized the quiz and two teams participated.
- On 11<sup>th</sup> Feb Elocution was held on 'Recent Advances in Biological Sciences'.
- 18<sup>th</sup> Feb Elocution was held once more on the topic of 'Women Empowerment' which is close to the heart of most of us
- On 25<sup>th</sup> Feb a debate was held regarding 'Environmental issues and their influence on mankind'. On 4<sup>th</sup> Mar a quiz competition was held for 'Zoological terms'.

### 35. SWOC analysis of the department and Future plans

STRENGTH	WEAKNESS
<ul> <li>Qualified and well experienced</li> </ul>	Staff stability
faculty members	
• Well equipped Digital Library.	
OPPORTUNITY	CHALLENGES
After UG, Students have the	High competition, Creating
Opportunity to select the	awareness among the students
various fields for their higher	
studies.	
• Students have the wide	
Opportunity for Government	
Job.	
• Students can do research work	
with fund	

### **FUTURE PLANS**

- To develop department into specialized research center for biofuel and biotechnology center
- Evolve students to join nationally and internationally reputed organizations
- Encourage students to conduct research for sustainable development of human beings
- Develop students to publish papers in highly reputed journals
- Evolve patentable work for future human needs

### PART 5

### POST ACCREDITATIVE INITIATIVES



**Volley Ball court** 



Dr. C. Sylender Babu IPS College Visit

**Cultural Activity** 

VIVEKANANDHA COLLEGE OF ARTS AND SCIENCES FOR WOMEN SELF STUDY REPORT SECOND CYCLE

#### 3. Post-accreditation Initiatives

The IQAC of the college has been formed as an advisory committee for the academic activities and co-curricular programs, aiming at evolving the institution into a centre of excellence in women's Education. It also functions as a facilitator in deskwork and research activities. The institution upgrades regularly the infrastructure to create a best learning environment for the student welfare activity.

- Master of Business Administration course was introduced
- Each Department is provided with computer systems of latest version
- A Red- Ribbon club was inaugurated with a rural programme of 'Aids Awareness'.
- M.Phil courses were introduced in the departments of Tamil, English, Chemistry and Botany.
- The full time Doctoral research programme was introduced in the Botany Department.
- Dr L.R. Gopinath Assistant professor in the Department of Bio-Technology received a grant to the tune of Rs 1 lakh for the research state of Ecological services of Sacred Grooves in the light of Biological Diversity act with special reference to KOLLI hills
- Dr.A.Ganesan, Assistant professor in the Department of Tamil was honoured by ULAGA Tamil Peravai with title 'Kavi Punal' and also secured second place in verse writing competition
- He was honored by the government of Tamilnadu with the title
   'Makkal Sevager' for his rendering of service in NSS activities.
- Dr.L.R Gopinath, Assistant professor in the Department of Bio-Technology was awarded for excellence in Ultimate Energy Research by Bollywood star media global foundation.

 The following departments have produced 100% results in various subjects the examination conducted by Periyar University as mentioned below

Department	No of subject produced 100% Result
Tamil	7
English	10
Maths	29
Commerce	7
Computer science & Applications	26
Bio chemistry	2
Physics	13
BBA & BBA(CA)	22
Bio-Technology	05
	Total: 121

- A certificate course on Accounting of Business has been started by the Department of Commerce.
- New Academic Programme MCA (Lateral Entry) has been introduced
- Infra-structure was renovated with adequate furniture.
- Digital Library was established with 25 online facilities
- New journals and magazines in different languages were subscribed.
- Reading hours for students and staffs was extended by two hours. (i.e) up to 6 p.m to on all working days
- A committee has been formed with principal as a Head and all the HOD 's of the department as members to look in to the grievances of the students.
- Our Institution has a professional MOU with reputed software companies to inculcate skill set of the latest technology trends to the students. The companies are

- o IBM India pvt. Ltd.
- o HCL Info Systems
- o WIPRO Ltd.
- The following faculties are qualified for SET, NET Examination

S.No	Department	Name of the Faculty	Qualification
1.	Dept of commerce	Mrs.Augustina Lata Jayaraj	NET
2.	Dept of MBA	Mr.M.Thanikaivel	SET

The following departments produced 100% results as mentioned below

Subject	Papers
Tamil	07
English	10
Mathematics	08
Commerce	12
Computer science & Applications	46
Bio chemistry	04
Physics	18
Botany	06
BBA & BBA(CA)	06
MBA	10
Micro Biology	07
Total: 135	•

- The major infrastructure development projects housing a large seminar hall, computer lab, classrooms and other facilities have started to function.
- Computerization was intended to more areas of administration.
   Internet facility is available in all departments. Updating and improving the facilities in the library have progressed.
- The following courses have been initiated in the current year
  - B.Sc (Computer Technology)
  - B.Sc (Information Technology)
  - M.Sc (Information Technology)

- All our departments have engaged in the Modification of syllabus suited to our newly- introduced Autonomus status
- In addition to our common library, dept wise libraries are established with the purchased new books/magazines/journals with a new author-wise catalogue system.
- The reading times of our common library is extended to 8 a.m to 9 am and 4 p.m to 6 p.m. along with the regular working hours.
- The E-journal DELNET has been subscribed for Rs.1, 16,500/-
- Multi facility library was established at commerce block.
- Digital library with 25 systems.
- Periodical Eye Checkup and Dental Checkup were given to all the students by the qualified doctors.
- Master Checkup for the staff and students were given by the qualified doctors.
- Blood Checkup for students and staff has been made and their blood group identified for further references.
- The following candidates were qualified NET/SLET/SET

S.No	Department	Name of the Faculty	Qualification
1.	Dept of Tamil	Ms.S.Jeyanthi	NET
2.	Dept of Commerce	Ms.I.Sarumathi	SET
3	Dept of commerce	Ms.K.Priya	NET

- New commerce block was built with 34 class rooms and 2 staff rooms.
- Set up separate centre for Autonomous valuation.

- A certificate course on Gandhian Thought was introduced
- Japanese class was conducted for interested students

- Award of INSPIRE fellowship from Govt. of India Ministry of Science and Technology to the research student Ms.D.Divya
- Award of Ph.D research to the scholar Ms.S.Archaya to the tune of Rs 36,000 from Department of collegiate Education.
- S. Logeshwari M.Phil Scholar bagged the best Power Lifter award both in state and South India levels
- Dr.L.R.Gopinath, Head, Department of Biotechnology was honored with title "Dynamic youth award" by Pollywood star media NET and Grossen Engineer
- Ph.D course in Tamil was introduced.
- M.Phil courses in the department of Maths, Commerce and Computer Science were introduced.

### • CANDIDATES QUALIFIED (NET/SET/GATE):

S.No	Department	Name of the faculty	NET	SET	GATE
1.	English	G.Rangaraj R.Rthinasamy A.Athiappan K.Mohanraj L.Ratha R.Manikanadaraj S.Raja	- NET - - - - -	SET SET SET SET SET SET	- - - - -
2.	Bio-Technology	Dr.S.Gitanjali Dr.S.G.Prabaharan	-	SET SET	-
3.	Chemistry	C.Sowkarthik	-	SET	-
4.	MBA	Mrs.S.Savitha	-	-	GATE
5.	Computer Science & Applications	M.Chinnusamy M. Kavitha V. Priya V. Janarthanan P. Jayaselan	NET NET	SET SET SET	
6.	Mathematics	S.Muruganatham	-	SET	-
7.	BBA	R.Srivel	NET	-	-
8.	Commerce	M.HajeeraBanu B.JeevaRekha	NET NET	-	-

## PART 6

### **DECLERATION**



Mr. Manikandan, Motivtional Speaker

**Herbal Garder** 



Yoga Class to students

Field Visit

VIVEKANANDHA COLLEGE OF ARTS AND SCIENCES FOR WOMEN SELF STUDY REPORT SECOND CYCLE



# VIVEKANANDHA COLLEGE OF ARTS AND SCIENCES FOR WOMEN

[Autonomous]

SPONSORED BY: ANGAMMAL EDUCATIONAL TRUST.

Approved by AICTE, Affiliated to Periyar University and Accredited by NAAC

Recognized under section 2(f) and 12(B) of UGC Act, 1956

Elayampalayam - 637 205. Tiruchengode, Namakkal Dt., Tamil Nadu.

Phone: 04288 - 234560 (7 Lines), FAX: 04288 - 234892.

VIVEKANANDHA EDUCATIONAL INSTITUTIONS

Dr. S. Seethalakshmi, M.Sc., M. Phil., Ph. D. Principal

### 6. Declaration by the Head of the Institution

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

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

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

Signature of the Head of the institution

Place:

Date:

## PART C

### **ANEXURES**



Mr. Nellai Kannan College Visit



**Awareness Program** 





**International Conference in MBA** 

VIVEKANANDHA COLLEGE OF ARTS AND SCIENCES FOR WOMEN SELF STUDY REPORT SECOND CYCLE

Ph. 1919/09, 2019/09, 1919/09, 1919/09 1919/09, 1919/09 1919/09 2019/09 UGC Webs/te: www.ugc.ac./n



विश्वविद्यालय अनुदान आयोग बहादुरशाह जफर मार्ग नई दिल्ली-110 002 UNIVERSITY GRANTS COMMISSION BAHADURSHAH ZAFAR MARG NEW DELHI-110 002

August, 2008

8 5 AUG 2008

F 8-345/2007 (CPP-I)

The Registrar, Periyar University, Salem-636 011 (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. 7022/VICAS/UGC/2007-08 dated 15.07.2008 received from the Chairman & Secretary, Vivekanandha College of Arts and Science for Women. Elayampalayam on the subject cited above and to say linal 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 Gradaute Degree:-

Name of the College	Year of Establishment	Remarks		
Vivekanandha College of Arts and Science for Women, Elayampalayam-637 205, Tiruchengodu, Namakkal District (Tamilnadu), (On permanent affiliation)	1995	The College is not eligible to receive Central assistance in terms of the Rules framed under Section 12-B of the U.G.C. Act, 1956, as the UGC has not yet finalized the details to provide financial assistance to "Self Financed Colleges."		

The Indemnity Bond and other documents submitted in respect of the above College have been accepted by the Commission.

Yours faithfully

(P.K. Sharma) Under Secretary

#### Copy to:-

如何

L The Principal, Vivekanaydha College of Arts and Science for Women, Elayampalayam-637 205, Tiruchengodu, Namakkal District (Tamilnadu).

 The Secretary, Government of India, Ministry of Human Resource Development, Department of Secondary & Higher Education, Shastri Bhawan, New Delhi-110 001.

 The Secretary to the Government of Tamilnadu, Department of Higher Education, Chennai (Tamilnadu).

 Education Officer, 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. Sunita Gulati) Section Officer

Ph. 2328451, 23232701, 23237721 - 2723416, 23235737, 23232317 22236735, 28239437, 23239627

Extension No. 413 (CPP-I Colleges) UGC Website: www.wgc.ac.in

F. No. 8-845/2007 (CPP-I/C)

The Registrar, Pertyar University, Salem – 636 011, Tamilhadu,



विश्वविद्यालय अनुदान आयोग बहादुरशाह जप्पर मार्ग नई विल्ली-110 002 UNIVERSITY GRANTS COMMISSION BAHADURSHAH ZAFAR MARG NEW DELHI-110 002

> 1 1 JUN 2017 June, 2012

Sub: - Declaring a College fit to receive Central Assistance under Section 12 (B) of the UGC Act, 1956.

Sir,

I am directed to refer to the letter No. VICAS/UGCI2(f) & 12B/2011-12/010 dated 06-02-2012 received from the Principal, Vivekanandha College of Arts and Science for Women, Elayampalayam – 637-205, Tiruchengodu, Namakkal District, (Tamilnadu) on the above subject and to say that it is noted that the following college is un-aided/self financed and permanently affiliated to Perlyar University. The college is already included under Section 2 (f) of the UGC Act, 1956 vide this office letter of even No. dated 25-08-2008, I am further to say that the name of the following college has been included in the list of colleges papared under Section 12 (B) of the UGC Act, 1956 under the head 'Nod-Government, self financed College teaching upto Master's Degree to make it eligible to receive Certral assistance from sources other than UGC.-

Name of the College	Year of Establishment	Remarks
Vivekanandha Cellege of Arts and Science for Women, Elayampalayam – 637 205, Tiruchengodu, Namakkal District, (Taminadu).	1995	As the College is charging fee as per State/University norms and a certificate in this regard has been received in UGC. The College would also be eligible to get grant for all UGC schemes related to teachers and students only as per the decision of the Commission dated 8th July 2011.

The documents submitted in respect of the above College have been accepted by the University Grants Commission.

Yours faithfully,

(M.K. Rewari) Under Secretary

#### Copy to:-

The Principal, Vivekarrandha College of Arts and Science for Women, Elayampalayam – 637 205. Tiruchengodu, Namarkkal District, (Tamilnadu).

 The Secretary, Government of India, Ministry of Human Resource Development, Department of Higher Education, Shastri Bhawan, New Delhi - 110 001.

 The Secretary, Higher Education Deptt, Government of Tamilnadu, Secretariat, Chennai - 600 009, (Tamil Nadu).

 The Joint Secretary, UGC, South Eastern Regional Office (SERO), P.B. No. 152, A.P.S.F.C. Building. IV Floor, 5-9-194, Chirag Ali Lane, Hyderabad - 500 001, (Andhra Pradesh).

5. Publication Officer (UGC-Website), New Delhi.

Section Officer (FD-III Section), UGC, New Delhi

7. Guard Re.

(Sunita Gulati) Section Officer



All India Council for Technical Education (A Statutory body under Ministry of HRD, Govt. of India)

7th Floor, Chandralok Building, Janpath, New Delhi- 110 001 PHONE: 23724151/52/53/54/55/56/57 FAX: 011-23724183 <a href="https://www.aicte-India.org">www.aicte-India.org</a>

F.No. Southern/1-2016842755/2014/EOA

Date: 04-Jun-2014

To, The Principal Secretary (Higher Education) Govt. of Tamil Nadu, N. K. M. Bld. 6th Floor Secretariat, Chennai-600009

Sub: Extension of approval for the academic year 2014-15

Ref: Application of the Institution for Extension of approval for the academic year 2014-15

Sir/Madam,

In terms of the provisions under the All India Council for Technical Education (Grant of Approvals for Technical Institutions)

Regulations 2012 notified by the Council vide notification number F-No.37-3/Legal/2012 dated 27/09/2012 and norms standards, procedures and conditions prescribed by the Council from time to time, I am directed to convey the approval to

Regional Office	Southern	Application Id	1-2016842755
		Permanent Id	1-6020781
Name of the Institute	VIVEKANANDHA COLLEGE OF ARTS AND SCIENCES FOR WOMEN	Institute Address	ELAYAMPALAYAM TIRUCHENGODE, TIRUCHENGODE, NAMAKKAL, Tamil Nadu, 637205
Name of the Society/Trust	VIVEKANANDHA COLLEGE OF ARTS AND SCIENCES FOR WOMEN	Society/Trust Address	ELAYAMPALAYAM, TIRUCHENGODE,NAMAKKAL,NAMAKKAL,Tamil Nadu,637205
Institute Type	Unaided - Private		

Opted for change from Women to Co-ed	No	Opted for change of name	No	Opted for change of site	No
Change from Women to Co-ed approved	Not Applicable	Change of name Approved	Not Applicable	Change of site Approved	Not Applicable

to conduct following courses with the intake indicated below for the academic year 2014-15

Application Number: 1-2016842755\* Page 1 of 3

Note: This is a Computer generated Letter of Approval.No signature is required.

Letter Printed On:5 June 2014

Printed By: AE885582



All India Council for Technical Education (A Statutory body under Ministry of HRD, Govt. of India)

7th Floor, Chandralok Building, Janpath, New Delhi- 110 001 PHONE: 23724151/52/53/54/55/56/57 FAX: 011-23724183 <a href="www.aicte-India.org">www.aicte-India.org</a>

Application Id: 1-2016842755  Program Shift Level		Course	Time	Affiliating Body	113-14	Approved for	NRI Approval status	Approval status	Foreign Collaboration Approval status		
				Full/Part			Intake 2013-14	Intake A 14-15	NRI App	PIO App	Foreign Collabo Approval status
MANAGEMEN T	1st Shift	POST GRADUA TE	MASTERS IN BUSINESS ADMINISTRATION	FULL TIME	Periyar University, Salem	120	120	NA	NA	N	
MCA	1st Shift	POST GRADUA TE	MASTERS IN COMPUTER APPLICATIONS	FULL TIME	Periyar University, Salem	120	120	NA	NA	N	

· Validity of the course details may be verified at www.aicte-india.org>departments>approvals

The above mentioned approval is subject to the condition that VIVEKANANDHA COLLEGE OF ARTS AND SCIENCES FOR WOMEN shall follow and adhere to the Regulations, guidelines and directions issued by AICTE from time to time and the undertaking / affidavit given by the institution along with the application submitted by the institution on portal and subsequently upload and update the student/ faculty/ other data on portal as per the time schedule which will be intimated by AICTE.

In case of any differences in content in this Computer generated Extension of Approval Letter, the content/information as approved by the Executive Council / General Council as available on the record of AICTE shall be final and binding.

Strict compliance of Anti-Ragging Regulation:- Approval is subject to strict compliance of provisions made in AICTE Regulation notified vide F. No. 37-3/Legal/AICTE/2009 dated July 1, 2009 for Prevention and Prohibition of Ragging in Technical Institutions. In case Institution fails to take adequate steps to Prevent Ragging or fails to act in accordance with AICTE Regulation or fails to punish perpetrators or incidents of Ragging, it will be liable to take any action as defined under clause 9(4) of the said Regulation.

(Dr. Kuncheria P. Isaac)

Member Secretary, AICTE

Copy to:

 The Regional Officer,
 All India Council for Technical Education Shastri Bhawan 26, Haddows Road

Application Number: 1-2016842755\* Page 2 of 3

Note: This is a Computer generated Letter of Approval.No signature is required. Letter Printed On:5 June 2014

Printed By: AE885582



All India Council for Technical Education (A Statutory body under Ministry of HRD, Govt. of India)

7th Floor, Chandralok Building, Janpath, New Delhi- 110 001 PHONE: 23724151/52/53/54/55/56/57 FAX: 011-23724183 www.aicte-India.org

Chennai - 600 006, Tamil Nadu

#### 2. The Director Of Technical Education,

Tamil Nadu

### 3. The Registrar,

Periyar University, Salem

#### 4. The Principal / Director,

VIVEKANANDHA COLLEGE OF ARTS AND SCIENCES FOR WOMEN ELAYAMPALAYAM TIRUCHENGODE, TIRUCHENGODE,NAMAKKAL, Tamil Nadu,637205

#### 5. The Secretary / Chairman,

VIVEKANANDHA COLLEGE OF ARTS AND SCIENCES FOR WOMEN ELAYAMPALAYAM, TIRUCHENGODE, NAMAKKAL, NAMAKKAL, Tamil Nadu 637205

6. Guard File(AICTE)

Application Number: 1-2016842755\* Page 3 of 3

Note: This is a Computer generated Letter of Approval No signature is required.

Letter Printed On:5 June 2014

Printed By: AE885582

# Certificate

Standard

ISO 9001:2008

Certificate Registr. No. 85 100 001 14036

TÜV Rheinland (India) Pvt. Ltd. Certifies:

Certificate Holder:

Vivekanandha College of Arts and

Science for Women

Elayampalayam, Tiruchengode,

Namakkal Dt, Tamilnadu - 637 205, India.

Scope:

**Design and Providing Educational Services Leading** to Bachelor's Degree and Master's Degree

in Arts, Science, Commerce and Management. **Providing Educational Services Leading to Research** 

Degree's in Arts Science and Commerce.

An audit was performed, Report No. 14036. Proof has been furnished that the requirements according to ISO 9001:2008

are fulfilled.

The due date for all future audits is 15 - 05 (dd.mm).

Validity:

The certificate is valid from 2014-06-20 until 2017-06-19.



Bangalore 2014-06-20

The Certification Body of TÜV Rheinland (India) Pvt. Ltd.

The validity of this certificate is subject to timely completion of Surveillance audits as agreed in the Contract The Validity of the Certificate can be verified under <a href="www.tuv.com">www.tuv.com</a> with the Identification No. 9105078407

www.tuv.com





## Certificate of Accreditation

The Executive Committee of the National Assessment and Accreditation Council on the recommendation of the duly appointed Peer Jeam is pleased to declare the Angammal Educational Trust

Vivekanandha College of Arts and Sciences for Women Diruchengode, Clayampalayam, Dist. Xamakkal, affiliated to Periyar University Jamil Xadu as Accredited

> with CSPA of 2.53 on four point scale al B grade valid up to June 14, 2014



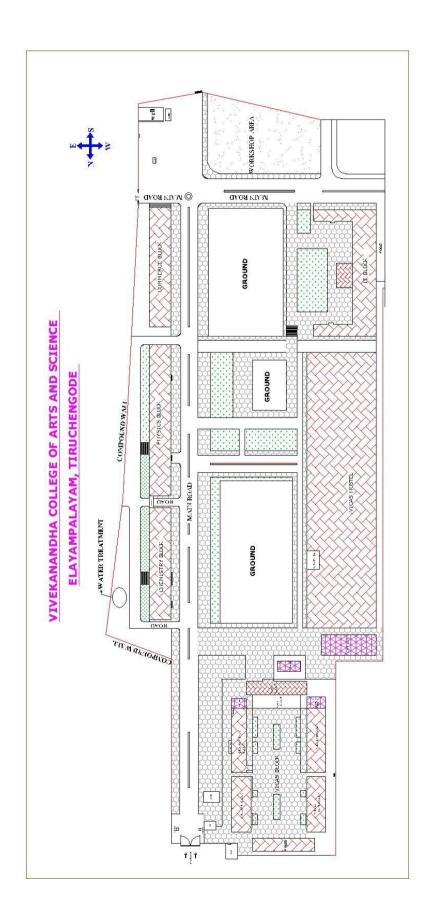
Date : June 15, 2009











## UNIVERSITY GRANTS COMMISSION BAHADUR SHAH ZAFAR MARG NEW DELHI

REPORT OF THE EXPERTS INDUCTION COMMITTEE FOR THE CONFERMENT/EXTENSION of AUTONOMOUS STATUS TO VIVEKANANDHA COLLEGE OF ARTS AND SCIENCES FOR WOMEN

Elayampalayam, Tiruchengode, Namakkal– 637 205, Tamilnadu. Telephone: 04288-234242 Fax: 04288-234892

DATE OF VISIT TO THE COLLEGE : 23rd & 24th September, 2010

Name of the College/Address/Pin code/Fax	Date of the visit	Venue	Fresh for the grant of Autonomous Status
VIVEKANANDHA COLLEGE OF ARTS AND SCIENCES FOR WOMEN Elayampalayam, Tiruchengode, Namakkal, Tamilnadu.	23 <sup>rd</sup> & 24 <sup>th</sup> September 2010	Namakkal Tamiinadu	Fresh for the grant of Autonomous Status
Pincode: 637 205 Telephone: 04288-234242 Fax: 04288-234892 E-mail: vicasprincipal@gmail.com Website: vivekanandha.org			

(Name of the affiliating University) to Which the College concerned Is affiliated to:

PERIYAR UNIVERSITY, SALEM

on 1800

ANNEXURE VII
AUTONOMOUS REVIEW REPORT

Names of the Experts Visiting Committee Members and UGC Officers present

S.No	Experts	Name	Address	Telephone/Fax/E-mail
1.	Chairman	Prof. S.L. Malik	Department of Anthropology University of Delhi Delhi-110 007	Mobile No. 09811509630, 09313230011
2.	Member	Dr. Benu Gupta	Department of Physical Education Kirori Mal College New Delhi-110 007	Mobile No. 09810569660
3.	Member	Prof. S.B. Dahiya	Department of Economics M.D. University Rohtak-124001	Mobile No. 09896045607
4.	University Nominee	Dr. N. Rajendran	Professor Cum Director Periyar Institute of Management Studies (PRIMS), Periyar University Salem-11	Mobile No. 09443734561 09360717788
5.	State Government Nominee	Mrs. R. M. Pankajavalli	Regional Joint Director of Collegiate Education Coimbatore (Tamil Nadu)	Phone No. 0422-2218878
6.	Member Secretary	Mrs. Jasvindar Pal	Under Secretary University Grants Commission Bahadur Shah Zafar Marg New Delhi – 110 002	Mobile: 09810022196 TelFax: 011-23232210

on by per le We

	Name of the Finopal,	DI. 3. MOROGESH, M. 3C. Ph. D.
2.	a. Year in which the College was Established	1995 (Approval copies enclosed - Annexure I)
	b. Date when the College was declared fit under Se 1956 (attach a copy of UGC letter in this regard).	
		College was declared 2(f) by UGC F.No. 8-345/2007 Date: 28.08.2008 (Copy of UGC letter enclosed - Annexure II)
	c. Whether your college has NBA / NAAC	Yes, National Assessment and Accreditation Commission (NAAC) with B Grade (Copy of Accreditation letter - Annexure III)
3.	College applied for	
	(A) Fresh Autonomous Status	✓
	(B) Extension of Autonomy w.e.f	year Not Applicable
4.	Category under which the college falls as per Xth Pl	ans guidelines.
	(A) Men	
	(B) Women	
	(C) Co-education	
	(D) UG/PG/Both/Single faculty/Multi facu	Ity ✓ (Both & multi faculty)
	(E) Self financing (Number of years stand with proof 10 years of existence as pe norms of the Xth Plan guidelines)	
5.	Type of College	
	(A) Arts/Science/Commerce	✓ (all the three)
	(B) Engineering	
	(C) Education	
,	(D) Others (Law, Physical Education e	tc.)
/gr	Mr. Ox	

(ov

(1) Infrastructure Facilities available with appropriate covered area in sq. feet.

> Class Rooms (a)

> > Total Class Rooms Available

Total Area for Class Rooms

: 1,26,096.40 sq. ft.

202

(b) Laboratories

Total Laboratories Available

59,548 sq. ft. Total Area for Laboratories

(c) Library

> 11,087.2 sq. ft. Library Area

Total Volumes of Books Available 35,368 Total Journals Available 85 Total Encyclopedia 23

e Books (Books & Magazines) 1044

Other Facilities in Library CD-ROMs, Multimedia facilities, Internet, Intranet, Photo

coping, Audio/Video listening, Ebsco host online, etc.

(d) Hostels (Men and Women Separately)

> Total Rooms Available in UG Hostel : 207

Total Area of Women's Hostels 86,464.92 sq. ft.

Total Rooms Available in PG Hostel : 170

Total Area of Women's Hostels 43,520 sq. ft.

Total Rooms Available in Both Hostels 377

Total Area of Hostels : 1,29,984.92 sq. ft.

Others like: Administrative block/Principals office/Staff room / Common room/Canteen/Sports (e)

facilities (indoor) / Auditorium etc.

: 7,706 sq.ft. Area of Administrative block Area of Principal's Office 1,930 sq.ft. Area of Staff Rooms 18,167.7 sq.ft. Area of Common Rooms 2,412 sq.ft. Area of Canteen 7,642 sq.ft. Area of Sports facilities (indoor) 5,040 sq.ft. Area of Auditoriums 27,612 sq.ft.

(f) Total (buildings) covered area in Sq. ft.

5,27,211.1 sq.ft.

(g) Total land area owned by the college in its name:

10.07 acres

All the above information are enclosed in details with suitable drawings - Annexure IV

(II) <u>Academic Activities (</u>wherever required, annexures be annexed for giving details)

Name of the college: Vivekanandha College of Arts and Sciences for Women

S		Т	otal no. o	of teach trength	ing staff	Total No. of Research Publications / Projects during the last 5 years		Projects Conferences/Seminar/		
_		Ph.E	). M.Phil	Others	Total	Research Publications	Projects	Organized	Participated	
1	Biochemistry	1	6	0	7	17	5	6	35	Accredited
2	Bioinformatics	0	1	0	1	2	*	4	8	Accredited
3	Biotechnology	5	13	-	18	31	38	6	90	Accredited
4	Botany	2	6	0	8	8	6	6	43	Accredited
5	Business Administration	3	12	6	21	14	-	5	74	Accredited MBA AICTE approved
6	Chemistry	1	16	2	19	15	5	4	62	Accredited
7	Commerce	3	30	1	34	4	10	4	105	Accredited
8	Computer Applications	1	32	9	42	31	3	6	83	Accredited MCA AICTE
9	Computer Science		34	6	40	10	4	4	116	Accredited
10	English	1	38	13	52	5	5	5	144	Accredited
11	Mathematics	1	35	0	36	2	3	4	89	Accredited
12	Microbiology	4	9	0	13	31	27	6	95	Accredited
13	Nutrition and Dietetics	0	2	0	2	• • • • • • • • • • • • • • • • • • • •	1	2	10	Accredited
14	Physics	2	17	1	20	6	5	4	59	Accredited
15	Tamil	9	21	1	31	15	10	10	107	Accredited
16	Textile and Fashion Designing	1	•	1	2	•	2	-	12	Accredited and AICTE approved
17	Zoology	2	3	0	5	•	2	6	12	Accredited
18	Hindi	•	1		1	3	•	-	6	Accredited
19	Malayalam	*	-	1	1	5				Accredited
20	Library	•	1	3	4	M			4	Accredited
21	Physical Edu.	-	4	3	7				12	Accredited
	Total	36	281	47	364	174	126	82	1163	

(or ps 120 1 W

Many papers and project proposals were communicated for publication and funding

Department-wise teaching staff list – Annexure V
Department-wise research publications list – Annexure VI
Department-wise projects list – Annexure VII
Department-wise conferences, seminars, symposiums list – Annexure VIII

 Whether the committee is satisfied with the present mode of the teaching method adopted by the college, Yes/No (Specific comments in details may be given as to the short comings observed if any).

Yes, the committee is satisfied with the present mode of teaching method adopted by the college.

- The college follows Curriculum and syllabi of Periyar University, Salem,
- Continuous assessment system is followed for evaluation
- Modern Teaching-Learning facilities like LCDs, VHPs, OHPs.
- Staff student ratio is maintained as 1:25
- About 1200 computers with internet connectivity of 4 mpbs leased line available
- Educational software are licensed
- Facility for in house R&D for students
- Library with sufficient books, periodicals, journals and CDs
- Academic achievements of the students during the last 5 years in detail such as various ranks obtained by its students in the University's Exams.

Category			Academic Year		
	2005-06	2006-07	2007-08	2008-09	2009-10
University Results (Overall)	UG – 79.66% PG – 77.47%	UG – 79.35% PG – 81.35%	UG - 77.96% PG - 75.47%	UG - 75.67% PG - 82.13%	UG 78.23% PG 83.37
University Ranks	85 (among 50 colleges under Periyar University)	74 (among 50 colleges under Periyar University)	(among 57 colleges under Periyar University)	136 (among 57 colleges under Periyar University)	Not Announced

#### Details of the results and rank holders are enclosed - Annexure IX

 Whether the committee is satisfied with the type of courses being offered by the college, Yes/No (specific comments in details with regard to any particular course may given/withdrawn as the case may be)

Yes, the committee is satisfied with the type of courses being offered by the college.

## The college offers

- 17 UG courses in Arts, Sciences & Commerce with the approval of Periyar University
- 15 PG courses in Arts, Sciences, Management and Computer Applications with the approval of concern University and AICTE
- M. Phil research 10 disciplines in collaboration with Periyar University, Salem
- . Ph. D. research programmes in 3 disciplines in collaboration with Periyar University, Salem
- . 3 training courses with industry tie-up
- 16 certificate courses in arts and sciences with the approval of Periyar university

Details of the courses offered by the institution are enclosed - Annexure X

Details of the cour

 Whether all the Teachers are in favour of getting autonomous status to the college, Yes/No (give reasons in detail as to whether the Committee interacted with the teachers separately so as to ascertain their views for and against, if any)

Yes, all teachers are in favour of granting autonomous status to the college.

During Interaction with staff members, the staff members (both teaching and technical) expressed the feeling to work in an autonomous institution.

 Any other information which the Committee feel will help UGC in taking decision to grant autonomy or continuation of autonomous status to this college.

## Observations made by the Committee :

- The institution is rated one among Top 5 in Periyar University
- Students get freedom to express their views up to top level.
- Interactions between senior and junior students are good. No ragging reported from the inception.
- Able leadership if provided by the Management with the cooperation from faculty and supporting staff.
- The institution encourages R&D activities in accordance with the industrial need for growth of the country.
- 100% fee concession to parentless students sports achievers and physically challenged students.
- 50% fee concession to the academic achievers
- Management provides 100% free transports to the day scholar students and staff members
- Free transport facility provided to hostel students during long leave.
- Appropriate staff student ratio 1:25.
- Harmonious relationship between Management, faculty and students.

## (III) Examination Reforms

(a) Whether the committee is satisfied with the present mode of the examination being conducted by the college? Any specific method of evaluation which the committee would like to suggest to them may be indicated.

The University Examinations are conducted by Periyar University, Salem to which Vivekanandha College of Arts and Sciences for women is affiliated to.

Carps D. & All

(b) Interaction with students/Non teaching staff, give specific comments in detail for such interaction undertaken.

The Committee members interacted with the students who favour grant of Autonomous Status to the college. They were found knowledgeable regarding various aspects of Autonomy. They were aware of the advantages of Autonomy.

The Non-teaching staff was also ready to have autonomous status to the college. They were aware of the Autonomy and related aspects. They unanimously agreed for the Autonomy.

## (IV) Administrative Activities (for review of Autonomous Status College only)

Whether the Governing Body, Academic Council, Board of Studies and Finance Committee meeting are being conducted by the college periodically or not. Specific comments in detail with regard to resolutions passed by the above bodies in the recent past may be given. **Not Applicable** 

Comments regarding the self financing courses being offered

The college is a self-financing institution.

All the courses offered by the institution with the approval of the affiliated University are of self-supporting in nature.

No funding is allotted from State or Central Government.

The funding sources are student's fee revenue and management contribution.

Details of the self-financing courses being offered enclosed - Annexure XI

b. Comments regarding the fee structure being in force

The fees are collected as per the direction / recommendations of the 'Committee on Fixation of Fee in respect of self-financing colleges in Tamilnadu'.

Details of the fee structure and direction of the fee committee are enclosed - Annexure XII

NAAC rating awarded, if not comments thereof:-

The courses in the institution are accredited by National Assessment and Accreditation Commission (NAAC)

Details of the accreditation- Annexure XIII

d. Recommendations of the UGC nominee for the governing bodies (other than from the State where college situated) Not more than two names with full address be indicated.

1).

Not Applicable

(or 63 & W

(V) Financial utilization of UGC funds: specific comments be given:(give details of Autonomy Grant/General Development grant, if any received by the college for the last five years separately.)

Not Applicable

### RECOMMENDATIONS OF THE COMMITTEE

Based on the above observations delineated in the report and after verification of the infrastructure facilities available in various departments, common facilities available in the college and on the basis of interaction of the Committee with the Management, faculty members, non-teaching staff and students of the college the committee unanimously recommends that the autonomous status be conferred upon Vivekanandha College of Arts and Sciences for Women, Elayampalayam, Tiruchengode, Namakkal, Tamilnadu for a period of Six years w.e.f. 2010-11 to 2015-16 as per the norms laid down in the XIth Plan Guidelines of the UGC on Autonomous Colleges.

(Prof. S.L. Malik)

(Dr. N. Rajendran) University Nominee (Dr. Benu Gupta) Member

(Mrs. R. M. Pankajavalli) State Nominee (Prof. S.B. Dahiya) 124/5 Member

(Mrs. Jasvindar Pal) Member Secretary ② 011-23222595

UGC Website: nww.ug :: ac.in

Dr. Manju Singh Joint Secretary

No.F. 22-1/2010(AC)



BY SPEED POST

विश्वविद्यालय अनुदान आयोग बहादुरमाह जफर मार्ग नई दिल्ली-110 002

UNIVERSITY GRANTS COMMISSION BAHADURSHAH ZAFAR MARG NEW DELHI-110 002

January, 2011

The Registrar, Periyar University Government Engineer ng College Campus Salem-636011

Sub:- Conferment of fresh autonomous status on Vivekanandha College of Arts and Sciences for Women Elayampalayam, Tiruchengode, T.N. affiliated to Periyar University, Government Engineering College Campus, Salem-636011.

Sir.

I am pleased to inform you that the Commission at its meeting held on 6th January, 2011 considered the report of Expert Committee constituted by the UGC which visited Vivekar andha College of Arts and Sciences for Women Elayampalayam, Tiruchengode, T.N. a filiated to Periyar University, Government Engineering College Campus, Salem - 636011.

Based on the recommendations of the Expert Committee, the Commission has AGREED to confer autonomy to the college as per details given below:-

SI. No.	Name of the College	Period of conferment of autonomous status from the academic years
i.	Vivekanandha College of Arts and Sciences for Women Elayampalayam, Tiruchengode, T.N.	2010-2011 to 2015-2016

The Periyar University Government Engineering College Campus, Salem-636011 may now go ahead and issue necessary orders in this regard by endorsing a copy of the same to this office for our records. The admissible grant under the scheme will be released to the College as per its eligibility, according to the norms as laid down in the XIth Plan Guidelines by the Joint Secretary & Incharge, UGC, South Eastern Regional Office, PB No. 152, APSFC Building, 5th Floor, 5-9-194, Chirag Ali Lane, Hyderabad-500001.

Yours faithfully,

(Manju Singh)

#### BALANCE SHEET AS ON 31.03.2013

			. IN LAKHS
PREVIOUS YEAR 31.03.2012	PARTICULARS	SCHEDULE	CURRENT YEAR 31.03.2013
	Sources of Funds:		
81.67	Current Liabilities	- A	86.95
107.83	Branch & Divisions	В	32.95
189.50	Total		119.90
	Application of Funds		
100.04	Fixed Assets	c	94.64
89.46	Current Assets	D	25.26
189.50	Total		119.90

Place : Tiruchengode Date : 28.09.2013

Prof.Dr.M.KARUNANITHI Chairman & Secretary C.S.SUNDAR Chartered Account

### CURRENT LIABILITIES - SCHEDULE - A

8. IN LAKHS

C.S.SUNDAF

PREVIOUS YEAR	PARTICULARS	CURRENT YEAR
31.03.2012		31.03.2013
2.23	Advance Fee Received	1.75
29.94	Payable Accounts	18.74
2.95	Duties and Taxes	0.00
0.01	PF Contribution	-0.03
0.00	3D Animation	0.25
0.00	C-Apps info Sollution	0.16
0.00	Caution Deposit	0.20
0.00	C++ Course fee	0.11
0.00	E-Logic	0.37
0.00	Multimedia fee	0.04
0.00	NTS India	3.78
0.00	Software Testing	0.09
0.00	Staff insurance	0.25
0.00	UIS Course fees	0.05
0.00	Laptop II & III Term Fee	7.46
0.00	Laptop Fee I term Fee	-4.18
0.00	Scholarship A/c	2.07
15.88	Associantion Alc	34.18
0.57	Training Fee (MBA)	0.00
0.05	D2RC I term Fee	0.60
0.13	Insurance Fee	0.00
0.99	Staff Caution Deposit	1.08
30.13	Sundry Creditors	17.17
0.00	Expenses Payable To Staff	2.98
0.00	Student Caution Deposit	0.00
-1.20	TDS A/c	-0.14
81.67	Total	86.95

BRANCH & DIVISION- SCHEDULE	- B

107.83	Angemmal Educational Trust	32.95
107.83	Total	32.95

Place : Tiruchengode Date : 28.09.2013

Prof.Dr.M. KARUNANITHI

ANNEXURE VIII
AUDITED STATEMENT

# FIXED ASSET SCHEDULE - C

CURRENT YEAR 31.03.2013	PARTICULARS	PREVIOUS YEAR 31.03.2012
192.9	COMPUTER	192.95
139.9	LAB EQUIPMENTS	139.97
0.3	OFFICE EQUIPMENTS	0.37
1.6	AIR CONDITIONER	1.68
0.0	AUDIO VISUAL EQUIPMENTS	0.08
0.0	CURRENCY SCANNER	0.01
0.46	DUPLICATOR MACHINE	0.46
17.30	ELECTRICAL FITTINGS	17.36
0.20	LIGHT FITTINGS	0.26
0.19	FAX MACHINE	0.19
0.40	INTERCOM	0.40
105.1	LIBRARY BOOKS	97.29
0.0	MUSCIAL ARTICALS	0.07
0.30	REFRIGERATOR	0.36
1.13	SPORTS ARTICALS	1.12
0.3	STICHING MACHINE	0.38
7.4	UPS & BATTERY	7.27
0.0	VACUM CLEANER	0.22
0.0	DVD PLAYER	0.09
0.10	OHP SCREEN	0.10
4.30	LAB GLASSWARE	4.35
0.0	LAB FITTINGS	0.04
0.20	FIRE EXTINGUISHER	0.20
0.1	BYCYCLE	0.17
0.8	CHAIRS(NILKAMAL)	0.88
0.0	COUNTING MACHINE	0.07
16.0	COMPUTER ACCESSORIES	13.41
0.3	TELEVISION	0.37
1.0	ART BOARD	1.01
0.0	CAN CASE CAN CASE CASE CASE CASE CASE CASE CASE CASE	227
491.4	Total	481.10
396.7	Less: Depreciation	381.06
94.6	Total	100,04

PLACE: TIRUCHENGODE

DATE : 28.09.2013

Prof.Dr.M.K

C.S.SUMDAR Chartered Account

CURRENT ASSET - SCHEDULE - D

PREVIOUS YEAR 31.03.2012	PARTICULARS	CURRENT YEAR 31.03.2013
89.36	Bank Accounts	19.24
0.00	Permanent Advance	0.25
0.00	TDS A\c	0.00
0.03	Salary Advance	-0.11
0.06	Deposit Asset	0.18
0.00	Cash in Hand	5.71
89.46	Total .	25.26

Place : Tiruchengode Date : 28.09.2013

Chartered Acco

#### 

PARTICULARS	SCHEDULE	CURRENT YEAR 31.03.2013
Income	Ε	1704.27
Expenses	F	886.31
Excess Of Income Over		
Expenditure	Total	817.96
	Income Expenses Excess Of Income Over	Income E Expenses F Excess Of Income Over

### INCOME - SCHEDULE - E

1707.29	Semester Fees	1704.27
1707.29	Total	1704.27

Place: Tiruchengode Date: 28.09.2013

Prof.Dr.M. KARUNANITH Chairman & Decretary

OUCATION CONTRACTOR CO

C.S. SUNDAR Chartered Account (1990)

### EXPENSES - SCHEDULE - F

'. IN LAKHS

PREVIOUS YEAR	PARTICULARS	CURRENT
31.03.2012		31.03.2013
0.33	Accomodation Expenses	0.75
0.83	Administrative Expenses	1.09
0.80	Advertisement Expenses	0.08
0.15	Association Expenses	0.00
0.00	Bank Charges	0.11
6.67	College Day Expenses	3.87
0.00	Convocation Day Exp	2.89
19.95	Depreciation (Statement Enclosed)	16.14
42.75	Electricity Expenses	23.18
0.00	Fee Concession	1.04
0.47	Bus Parking Exps	0.33
0.02	Flag day Exps	0.00
0.40	Inspection Fee	0.00
0.00	Insurance renewal exps	3.42
3.89	Internet Exps A\c	0.74
0.08	NSS EXPS	0.13
0.00	Panchayat Tax	0.34
0.02	Phot exps	0.00
0.05	Gift Articles	0.14
1.73	Subscription	0.00
0.12	Telephone Charges	0.56
3.81	Traveling Expenses	0.42
1.35	Travelling Allowances	1.12
0.00	Cleaning, Sweeping & Main Charges	20.64
127.10	University Expenses	44.35
82.23	Vechile Maintenance	52.72
62.76	Vehicle Fuel Expenses	162.11
0.41	Yoga Exps	0.00

Cont.....2

2

		. IN LAKHS
PREVIOUS YEAR 31.03.2012	PARTICULARS	CURRENT YEAR 31.03.2013
0.05	Others Exps	0.00
13.16	Lab Expenses	5.26
0.02	Member secretary TNSC Exp	0.00
1.10	News Papers & Magazine	- 0.57
0.39	Office Maintenance	0.00
29.46	PF Contribution	22.63
2.45	Placement Expenses	1.30
0.73	Postage & courier charges	1,49
2.31	Printing & Stationery	3.94
2.31	Refreshment Expenses	1.08
0.98	Repairs & Maintenance	0.00
489.68	Salary & Allowance	512.75
0.62	Sports Expenses	0.91
0.10	Staff Marriage Gift	0.15
0.00	Staff Welfare Account	0.07
9.43	Students Welfare Expenses	0.00
908.71	Total	886.31

Place : Tiruchengode Date : 28.09.2013

Prof.Dr.M.KARUNANITH

C.S.SUNDAR
Chartered Account

VIVEKANANDHA GOLLEGE OF ARTS AND SCIENCES FOR WOMEN Elayampalayam - 637 205, Tiruchengode, DEPRECIATION STATEMENT FOR THE YEAR ENDED 31.03.2013

				9	GROSS BLOCK	×	0699	DEPRECIATION		NET BLOCK	×
02	A888	RATE OF DEP.	AS ON	ADD	ADDITION RE AFTER	TOTAL AS ON	NO ST	FOR THE	TOTAL AR ON	NO 97	94
			1.04,2012	1000	30.09.2012	31.03.2013	1.04.2012	YEAR	31,03,2013	31.03.2012	31.03.2013
-	COMPUTER	60%	19294819	39588	228276	19562683	19033769	248868	19282835	261050	280040
43	LAB EQUIPMENTS	15%	13897132	0	0	13997132	11061566	440335	11501901	2935568	249523
m	OFFICE EQUIPMENTS	15%	36858	0	0	38858	32475	657	33133	4383	3725
4	AIR CONDITIONER	15%	168000	0	0	168000	158415	1438	159852	9585	
w	AUDIO VISUAL EQUIPMENTS	15%	7783	0	0	7793	5247	382	5828	2548	2164
8	DUPLICATOR MACHINE	15%	45500	0	0	45500	39530	896	40425	5970	5075
7	ELECTRICAL FITTINGS	15%	1735680	0	0	1735680	782819	142929	925748	952861	809932
9	LIGHT FITTINGS	15%	29050	0	0	28060	14491	1734	16225	11559	9825
6	FAX MACHINE	15%	18710	0	0	18710	14384	649	15033	4326	5577
10	INTERCOM	15%	40046	0	0	40048	38384	676		3662	3113
11	LIBRARY BOOKS	10%	9729112	154319	631150	10514581	4454940	574407	5029347	5274172	5485234
12	REFRIGERATOR	15%	38000	0	0	36000	30251	862	31113	5749	



Place: Tiruchengode Date: 28.09.2013



VIVEKANANDHA COLLEGE OF ARTS AND SCIENCES FOR WOMEN Elayampalayam - 637 205, Tiruchengode.

DEPRECIATION STATEMENT FOR THE YEAR ENDED 31,03,2013

				0	GROSS BLOCK	XX.	DEPR	DEPRECIATION		NET BLOCK	×
		RATEOF	100000000000000000000000000000000000000	ADO	ADDITION						
S.NO	ASSET	DEP.	AS ON	BEFORE	AFTER	TOTAL AS ON	AS ON	FOR THE	TOTAL AS ON	AS ON	AS ON
			1.04.2012	30.09.2012	30.09.2012 30.09.2012	31.03.2013	1.04.2012	YEAR	*31.03.2013	31.03.2012	31.03.2013
43	SPORTS ARTICALS	15%	111958	0	3	111958	71937	8003	77940	40021	34018
14	STICHING MACHINE	15%	38000	0	3	38000	31836	925	32761	6184	5239
15	UPS & BATTERY	60%	726582	17000	3	743582	652473	54555	707138	74109	43
18	DVD PLAYER	15%	8988	0	0	6868	7098	1881	8989	1891	0
17	OHP SCREEN	15%	10120	0	0	10120	7405	407	7812	2715	2308
18	LAB GLASSWARE	15%	435151	3658		438809	347048	13784	360810	88105	77999
18	FIRE EXTINGUISHER	15%	20000	0	3	20000	13589	962	14550	6411	5450
20	BYCYCLE	15%	16500	0	3	16500	9461	1056	10517	7039	
21	CHAIRSINILKAMAL)	15%	87999	0		87899	54737	4989	59727	33262	28272
22	COUNTING MACHINE	15%	7000	0	0	7000	4360	396	4756	2640	
23	COMPUTER ACCESSORIES	60%	1340810	O	0	1340810	1174345	99879	1274224	166465	66586
24	TELEVISION	15%	36500	0	0	38500	12107	3659		24393	20734
28	ART BOARD	15%	101138	0		101138	21618	11928			67592



C.S.SUNDAR

9463927

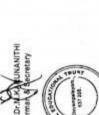
10004164

39686511

49150438 38072283 1614228

48076447 214565 859426

TOTAL



Place: Tiruchengode Date: 28.09.2013

# **TEACHING AND LEARNING**



Formal Teaching



Students Interaction



Students Seminar



Students Skit Play



Students Exhibition



Students Poster Presentation



Students Model Exhibit



Students Extension Activity

# **CO-CURRICULAR ACTIVITES**



**NSS Students Activity** 



**NSS Special Camp** 



Eye Camp



AIDS Awareness Meeting



Literacy Camp at School



Awareness Camp at School



Community Awareness Rally

## SEMINARS AND CONFERENCES



International Symposium



National Seminar



National Conference



National Exhibition



**National Seminar** 



International Conference



National Symposium



National Conference

# **EDUCATIONAL TOUR AND INDUSTRIAL VISIT**



Mysore



Indian Institute of Astro Physics



Hatsun



Tajmahal



Ooty



Solar Power Plant



Jawaharlal Nehru University



Jaipur

# **CULTURAL ACTIVITY**





Vamana Avatharam





Kambaramayanam Play





Tembavani





Gokulastami

# **EXTRA CURRICULAR ACTIVITY**



Volley Ball



Chess



Inauguration of Sports Day



Table Tennis



Carrom





Basket Ball

## **MEGA EXPO 2014**









## **BIOMILLENNIUM 2014**







