

# VELLALAR COLLEGE FOR WOMEN (AUTONOMOUS)

*'College with Potential for Excellence'*

(Re-accredited with "A" Grade by NAAC, Bengaluru & Affiliated to Bharathiar University, Coimbatore - 641 046)

Erode-638 012, Tamil Nadu, India.



The Annual Quality Assurance Report (AQAR) of the IQAC

2016-17

## Part – A

AQAR for the year

2016 - 17

### 1. Details of the Institution

1.1 Name of the Institution

VELLALAR COLLEGE FOR WOMEN(AUTONOMOUS)

1.2 Address Line 1

THINDAL (POST)

City/Town

ERODE

State

TAMILNADU

Pin Code

638012

Institution e-mail address

vcwprincipal@rediffmail.com

Contact Nos.

Off : 0424 - 2244101

Name of the Head of the Institution

Dr.D.KAMALAVENI

Tel. No. with STD Code

0424 - 2431896

Mobile

9443769500

Name of the IQAC Co-ordinator

Dr.E.S.SAMUNDEESWARI

Mobile

IQAC e-mail address

**1.3 NAAC Track ID**

OR

**1.4 NAAC Executive Committee No & Date**

**1.5 Website address**

**Web-link of the AQAR**

### 1.6 Accreditation Details

Sl. No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1 <sup>st</sup> Cycle	3 star	65-70	2002	5 years
2	2 <sup>nd</sup> Cycle	A	3.31	2008	5 years
3	3 <sup>rd</sup> Cycle	A	3.43	2015	5 Years

**1.7 Date of Establishment of IQAC**

**1.8 AQAR for the year**

### 1.9 Details of the previous year's AQAR submitted to NAAC after the latest Assessment Accreditation by NAAC

- i. AQAR for year 2014-15 on 12/10/2015
- ii. AQAR for year 2015-16 on 26/09/2016

### 1.10 Institutional Status

University  State  Central  Deemed  Private

Affiliated College Yes  No

Constituent College Yes  No

Autonomous college of UGC Yes  No

Regulatory Agency approved Institution (eg. AICTE, BCI, MCI, PCI, NCI) Yes  No

Type of Institution Co-education  Men  Women

Urban  Rural  Tribal

Grant-in-aid  UGC 2(f)  UGC 12B

Grant-in-aid + Self Financing  Totally Self-financing

### 1.11 Type of Faculty/Programme

Arts  Science  Commerce  Law  PEI(Phys Edu)

TEI (Edu)  Engineering  Health Science  Management

Others(Specify)

.Career-oriented Add-on Courses  
Skill-based Certificate Programmes

### 1.12 Name of the Affiliating University

Bharathiar University, Coimbatore – 641046, Tamilnadu.

**1.13 Special status conferred by Central/ State Government-- UGC/CSIR/DST/DBT/ICMR etc**

Autonomy by State/Central Govt. / University	UGC- Central Government		
University with Potential for Excellence	<input type="checkbox"/>	UGC-CPE	<input checked="" type="checkbox"/>
DST Star Scheme	<input checked="" type="checkbox"/>	UGC-CE	<input type="checkbox"/>
UGC-Special Assistance Programme	<input type="checkbox"/>	DST-FIST	<input checked="" type="checkbox"/>
UGC-Innovative PG programmes	<input type="checkbox"/>	Any other ( <i>Specify</i> )	MHRD – IIT Spoken Tutorial, Bombay
UGC-COP Programmes	<input checked="" type="checkbox"/>		

**2. IQAC Composition and Activities**

2.1 No. of Teachers	19
2.2 No. of Administrative/Technical staff	01
2.3 No. of students	01
2.4 No. of Management representatives	-
2.5 No. of Alumni	01
2.6 No. of any other stakeholder and community representatives	-
2.7 No. of Employers/ Industrialists	01
2.8 No. of other External Experts	01
2.9 Total No. of members	24
2.10 No. of IQAC meetings held	8

**2.11 No. of meetings with various stakeholders** No.  Faculty

Non-Teaching Staff  Students  Alumni  Others

**2.12 Has IQAC received any funding from UGC during the year?** Yes  No

If yes, mention the amount

**2.13 Seminars and Conferences (only quality related)**

(i) No. of Seminars/Conferences/ Workshops/Symposia organized by the IQAC

Total Nos.

International  National  State  Institution Level

(ii) Themes

- Outcome Based Education : Bloom’s Taxonomy
- Outcome Based Education – A Perspective on Curriculum Design
- Research Methodology for research in Science
- Research Methodology for research in English
- Thrust Areas of Research in Commerce
- Promoting FOSS through Spoken-Tutorial Project, IIT Bombay

**2.14 Significant Activities and contributions made by IQAC**

- Facilitated the submission of the proposal for “College with Potential for Excellence” for phase II and this status for the college has been extended for another five years from 2016
- Obtained online feedback on Teachers, Curriculum and Infrastructure from various stack holders
- Promoted online examination of Self Learning Papers offered by Departments of Mathematics, Computer Science, Computer Applications, Information and Communication Technology through Spoken-Tutorial Project, IIT Bombay
- Promoted online examination of Self Learning Paper - General Awareness, Non-Major Elective - History for Competitive Examination offered by the Department of History
- Standardised the formats of Amendments, Course content and Scheme of Examination submitted to Standing Committee after Board of Studies.

- Motivated the faculty and research scholars for research publications and 257 papers were published in National and International Journals
- Orientation Programme on usage of library resources and digital library services to all UG and PG - I year students and research scholars
- Organized training Programmes for Non-Teaching staff of Computer Science and Mathematics on Installation of Linux OS and other software
- Suggestions given to Curriculum Development Committee for revamping and restructuring the syllabi
- Suggestions given to Research Committee to sensitise the research scholars about Plagiarism and thrust areas of research
- Conducted 170 tutorials through IIT Bombay Spoken tutorial on various FOSS covering a student strength of 15342 during the year 2016- 2017
- Reviewed the performance of the Departments through internal audit and suggested to conduct external audit by experts

### 2.15 Plan of Action by IQAC/Outcome

The plan of action chalked out by the IQAC in the beginning of the year towards quality enhancement and the outcome achieved by the end of the year \*

Plan of Action	Achievements
To enhance Institutional Repository	Research publications of Staff members, iconic photographs of various events, activities of the college collected are archived
To attain Super Resource Centre status of Spoken-Tutorial project, IIT-Bombay	<ul style="list-style-type: none"> <li>• College recognized as Nodal Resource Centre for Spoken-Tutorial project, IIT-Bombay</li> <li>• Two computer labs promoted as FOSS labs</li> </ul>
To carry out more outreach programmes with focus on environment	Conducted Programmes through NSS, Enviro Club, Green Society
To release Handbook for Web Sites related to Teaching, Learning and Research	Handbook released
To impart personality and technical skill to Non-Teaching staff members	Conducted Personality grooming programme and Linux server installation training
To conduct more National and International Conferences/ Workshops/ Seminars	Conducted 3 International, 4 National, 35 State Level Conferences/ Workshops/ Seminars

\* Academic Calendar of the year attached as Annexure I.

**2.16 Whether the AQAR was placed in statutory body** Yes  No

Management  Syndicate  Any other body

Provide the details of the action taken : The AQAR was placed before the management for approval before uploading on the website

## Criterion – I

### 1. Curricular Aspects

#### 1.1 Details about Academic Programmes

Level of the Programme	Number of existing Aided Programmes	Number of programmes added during the year	Number of self-financing programmes	Number of Value Added / Career Oriented programmes
Ph.D.,	8			
M. Phil	12			
PG	4		10	
UG	10	1 (B.Com E-Commerce)	15	
PG Diploma				
Advanced Diploma				
Diploma				
Certificate(BU)	2		1	3
Others				
1.UGC sponsored	8			8
Add – on courses				
2. Certificate			11	11
<b>Total</b>	<b>44</b>	<b>1</b>	<b>37</b>	<b>22</b>

#### Interdisciplinary

Programme	Subject	Number of Papers	
		Aided	Self Financing
UG	Skill Based Subjects	40 (10 online papers)	62 (15 online papers)
	Non – Major Electives	20 (1 online paper)	32
	Self – Learning papers	25 (5 online papers)	
PG	Skill Based Subjects	11 (4 online papers)	31 (10 online papers)
	Non – Major Electives	4	8
	Self – Learning papers	14 (2 online papers)	

**1.2 (i) Flexibility of the Curriculum: CBCS [√] /Core/Elective option / Open options**  
**(ii) Pattern of programmes:**

Pattern	Number of programmes
Semester	39 (25 UG, 14 PG)
Trimester	-
Annual	50 (39Self-Learning, 8 Add-on, 3 Certificate)

**1.3 Feedback from stakeholders\***

Alumni	<input checked="" type="checkbox"/>	Parents	<input checked="" type="checkbox"/>
Employers	<input checked="" type="checkbox"/>	Students	<input checked="" type="checkbox"/>

*(On all aspects)*

Mode of feedback :

Online  Manual  Co-operating schools (for PEI)

*\*Analysis of the feedback in the Annexure-II*

**1.4 Whether there is any revision/update of regulation or syllabi, if yes, mention their salient aspects.**

**Yes**

In most of UG/PG Programmes there were a Revision, Updation, Introduction of Multidisciplinary/Interdisciplinary courses, changes in the Subject Code and Credits were carried out.

**Highlights**

**English**

**UG** - The contents of Core paper 12- Career Skills - Corporate English of Semester V and Core paper 14 – Appreciating Literature of Semester VI are modified.

**PG** - The contents of Core paper 2 – Indian Literature and Core paper 3 – Presentation Skills of Semester I are modified.

**History**

**UG** - The end semester examination of Non Major Elective – I - History for Competitive

Examinations (Semester III) will be conducted as On-line Examinations

In semester V, the content of Core paper – 10 - History of USA upto A.D 1865 is modified

**PG** - The content of Core paper 6- Social and Cultural History of Tamil Nadu from A.D. 1800 to A.D. 2000 of Semester II has been revised.

### **Mathematics**

- Revision of Allied Practical I and Core Practical as Mathematical Software I and Mathematical Software II
- In Semester III, self learning paper Scilab is introduced for the students admitted in 2015-16 and onwards. In Semester V, self learning paper Latex is introduced for the students admitted in 2014-15 and onwards
- For B.Com students, Allied Practical has been revised and renamed as Statistical Software
- 

### **B.Sc. Mathematics (CA)**

Allied practicals in Semester I and II, Core Paper 4 in Semester II and Core practical – 5 in Semester VI are revised

### **Physics - UG**

- Skill Based Subject-I, Non-Major Elective – I of Semester III and Non-Major Elective – II of Semester IV have been revised
- Revamping of UGC sponsored Career Oriented Programme ICT- Paper- I

### **Botany**

**UG** - Core Paper-1 to 12, Elective 1 and 2, SBS - I, III and IV, Non-Major Electives - I and II are updated. Core practicals 1 to 4, Elective practicals are modified. New paper Organic Farming is introduced as SBS III in Semester V. UGC Sponsored Career Oriented Programme Add-on Certificate Course Paper-1 and Paper - 2 and practical are revised.

**PG** – Syllabi for Core papers, Skill Based Paper II and III, and Non Major Elective Papers and their respective practical contents are revised.

### **Zoology**

- Allied paper II - General Principles of Zoology had been revised and renamed as Applied Zoology

- Instructional hours for Core paper II, III and Allied paper I, II were reduced by one hour and for Core practical- I and Allied Practical were increased by one hour

### **Nutrition and Dietetics**

Syllabi of all Core Practicals and Allied Biochemistry Practicals are revised

### **Computer Science**

UG – The Self Learning papers Python, PHP and MySQL are introduced

- Oracle is introduced as Internal Practical component in Relational Database Management Systems
- Green computing is introduced as Self Learning paper

### **B.Sc., IT**

- Revamping of RDBMS Lab as GUI Design Lab
- Internet Concepts is introduced as Self Learning paper

### **B.Sc., CT**

- Computer Ethics is introduced as Self Learning paper

### **PG Computer Science**

PERL and Scilab are introduced as self learning papers through Spoken Tutorial Project, IIT Bombay, MHRD, GoI with Online study material

### **MCA**

IT Enabled services and Cyber Law are offered as Self Learning papers

### **Commerce**

#### **UG**

- The content of Core paper – 8 - Business Law in Semester III and Core paper – 10 - Company Law in Semester IV are revised
- Institutional Training Programme for a period of 2 weeks is introduced in Semester IV (holidays)

### **Biochemistry**

- Human Physiology with Medical Terminology and Hormonal Biochemistry are introduced in Semester -V &VI respectively
- Question paper pattern for Core and Allied paper are modified

### **Commerce with Computer Applications**

UG - The content of Computer Applications Practical – 5 – Internet and Web Designing in Semester VI is modified.

PG - The content of Computer Applications Practical – 1 – MS Office and Oracle in Semester I and Computer Applications Practical – 2 – TALLY and Object Oriented Programming in Semester II are modified.

**B.Com ( E- Commerce)**

The course is introduced in 2016 – 17 onwards with syllabi for Semester I and II

**B.Com. (CS)**

**UG** - The contents of Core paper – 7 - Company Law and Secretarial Practice I and Core paper – 10 - Company Law and Secretarial Practice II are revised

The Skill Based Paper - Online Trading is replaced with Women Entrepreneurship in Small Scale Business

**PG** - The contents of Core paper – 2 - Advanced Company Law and Secretarial Practice I and Core paper – 6 - Advanced Company Law and Secretarial Practice II are revised

**Commerce (Cooperation)**

A new paper – Income Tax Law and Practice is introduced as Elective 1

**BBA (CA)**

Core paper X - Strategic Management and Core Practical I - PC Software programming Lab had been introduced

**1.5 Any new Department/Centre introduced during the year. If yes, give details.**

**Yes**

Introduced B.Com. (E-Commerce) course from 2016-17 onwards in Self- Financing stream

## Criterion-II (2016-2017)

### 2. Teaching, Learning and Evaluation

#### 2.1 Total No. of permanent faculty

Total	Assistant Professors	Associate Professors	Professors	Others
254	219	35	-	Physical Directress:1 Librarian :1

#### 2.2 No of permanent faculty with Ph.D. 100

#### 2.3 No. of faculty Positions Recruited(R) and Vacant (V) during the year

Asst. Professors		Associate Professors		Professors		Others		Total	
R	V	R	V	R	V	R	V	R	V
-	9	-	-	-	-	-	-	-	9

#### 2.4 No. of Guest and Visiting faculty and Temporary faculty: Nil

#### 2.5 Faculty participation in Conferences, Seminars and Symposia:

No. of Faculty	International level	National level	State level
Attended	45	98	31
Presented papers	141	91	6
Resource Persons	3	9	10

#### 2.6 Innovative processes adopted by the institution in Teaching and Learning:

- Conduct of Orientation and Induction Courses
- Supplementation of text book teaching with practical experience in labs
- Adequate usage of smart class rooms
- Strengthening of domain knowledge by subject experts, technocrats and industrial personnel
- Mentoring slow learners and socially backward students by remedial classes and individual counselling
- Offered Self Learning Papers for advanced learners with extra credit

#### 2.7 Total No. of actual teaching days during this academic year 180 days

**2.8 Examination/ Evaluation Reforms initiated by the Institution ( for example: Open Book Examination, Bar Coding, Double Valuation, Photocopy, Online Multiple Choice Questions)**

- i. Online Exam Hall Tickets for Add-on & Self- Learning Courses
- ii. OMR is used in practical and theory evaluation.
- iii. Under the System of transparency the following practices have been followed:
  - Issue of Photocopies of valued answer scripts
  - Revaluation
  - Supplementary examination
  - Improvement examinations
  - Re-totalling
- iv. Online Examinations:
  - Multi Skill Development Paper for UG level
  - Advanced Multi Skill Development Paper for PG level
  - General Awareness (Self Learning paper) UG level
  - History for Competitive Examinations (Non Major Elective Paper –UG History)
  - PERL, SciLab, LATEX, PHP My-SQL, Python through Spoken Tutorial - IIT, Bombay (Self Learning Papers )
- v. Question Paper Scrutiny Board with external experts
- vi. Online Certificate Verification System
- vii. Automation System in examination process

**2.9 No. of faculty members involved in curriculum restructuring/revision/syllabus development as member of Board of Study/Faculty/Curriculum Development workshop**

-	37-CDC Members	131- Board of Study members
---	----------------	-----------------------------

**2.10 Average percentage of attendance of students** 87.2%

**2.11 Course/Programme wise distribution of pass percentage:**

Title of the Programme	Total no. of students appeared	Division				
		Distinction%	I%	II%	III%	Pass %
<b>UG PROGRAMMES</b>						
History	50	-	29	21	-	100.00
English Literature (Aided)	59	13	38	7	-	98.31
English Literature (SF)	107	5	73	28	-	99.07

Mathematics	59	45	13	-	-	98.31
Mathematics (SF)	96	40	49	1	-	93.75
Physics (Aided)	46	30	5	-	-	76.09
Physics (SF)	40	16	18	4	-	95.00
Chemistry	48	28	18	-	-	95.83
Botany	38	13	19	6	-	100.00
Zoology	39	19	15	4	-	97.44
Nutrition & Dietetics	34	7	20	4	-	91.18
Computer Science (Aided)	46	3	33	9	-	97.83
Computer Science (SF)	91	6	65	19	-	98.90
BCA	45	6	31	5	-	93.33
Information Technology	49	12	31	1	-	89.80
Computer Technology	42	3	30	6	-	92.86
Maths (CA)	56	23	33	-	-	100.00
Biochemistry	32	7	23	-	-	93.75
CDF	37	3	27	5	-	94.59
Commerce (Aided)	56	17	26	10	-	94.64
Commerce (SF)	111	-	31	58	7	86.49
Commerce with CA	105	4	64	24	1	88.57
Corporate Secretaryship	55	2	15	27	3	85.45
Co-operation	54	-	32	11	-	79.63
Business Administration	55	3	23	19	-	81.82
<b>PG PROGRAMMES</b>						
History	17	-	17	-	-	100.00
English Literature (Aided)	45	-	36	-	-	80.00

English Literature (SF)	25	-	19	4	-	92.00
Mathematics (SF)	35	24	10	1	-	100.00
Physics(SF)	16	7	9	-	-	100.00
Botany	21	12	9	-	-	100.00
Foods & Nutrition(SF)	12	2	9	-	-	91.67
Computer Science(SF)	56	29	25	-	-	96.43
Commerce (Aided)	33	-	28	-	-	84.85
Commerce (SF)	33	1	24	-	-	75.76
Commerce with CA(SF)	38	5	29	-	-	89.47
Corporate Secretaryship (SF)	11	1	10	-	-	100.00
MLIS(SF)	14	6	7	-	-	92.86
MCA(LE) (SF)	44	29	15	-	-	100.00

## 2.12 How does IQAC Contribute/ Monitor/ Evaluate the Teaching & Learning Process:

- The academic plan and activities are chalked out to augment the knowledge base of the students
- Curriculum Development Committee scales up with the emerging and futuristic developments in higher education
- Feedback on Curriculum and Teaching Process analysed and appropriate measures are taken
- Student Learning Outcome evaluated
- Placement Trainings facilitated the employability quotient of the students
- Periodical conduct of Workshops, Seminars, FDPs and Training Programs enrich the skill sets of the teaching and learning community
- Regular academic audit provides an opportunity to analyse the overall performance and programmes of the departments and helps to prepare the future plan
- Organises programmes for research scholars and guides

### 2.13 Initiatives undertaken towards faculty development:

Faculty/ Staff development Programmes	Number of faculty benefitted
Refresher Course	2 (Science Academies' Summer Research Fellowship Programme)
UGC- Faculty Improvement Programme	88
HRD programme (UGC)	Orientation -2 Refresher -5
Orientation/Retraining programme	68
Faculty exchange programme	-
Staff training conducted by the university	-
Staff training /conducted by other institutions	2
Summer/ Winter schools, Workshops, etc.	Workshops- 105
Others	-

### 2.14 Details of Administrative and Technical staff

Category	Number of Permanent Employees	Number of Vacant Positions	Number of permanent positions filled during the Year	Number of positions filled temporarily
Administrative Staff	Aided : 13 Unaided : 14	15	-	15
Technical Staff	Aided : 8 Unaided : 9	3	-	3

## Criterion – III

### 3. Research, Consultancy and Extension

#### 3.1 Initiatives of the IQAC in Sensitizing/Promoting Research Climate in the institution

- IQAC and Research Committee consistently motivate the faculty members to submit proposals for various schemes to funding agencies
  - Six UGC-Minor Research Projects sanctioned
  - Three Science Academies of India (IASc, NASI and INSA) sanctioned grant to organize Science Academies' Lecture Workshops to the Departments of Botany, Computer Science and Mathematics
  - Three faculty members submitted proposals to Science Academies' Summer Research Fellowship Programme 2017 and two have been awarded SRFP 2017
- Motivated students to appear for national level entrance examinations for higher studies and three got through IIT JAM 2017 out of whom one joined M.Sc., (Physics) in NIT, Trichy
- Suggestions given to Research Committee of the College to convene a special meeting on “Research methodology for research scholars and supervisors”, separately for Science, English and Commerce departments
- Handbook on URLs related to Teaching, Learning and Research is to be released
- Online examinations in FOSS offered by IIT-Bombay through Spoken Tutorial Project, funded by MHRD, are introduced as self-learning papers in the Departments of Computer Science, IT & CT, Computer Applications and Mathematics

#### 3.2 Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number	--	1	--	--
Outlay in Rs. Lakhs	--	13.41	--	--

#### 3.3 Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	6	--	6	--
Outlay in Rs. Lakhs	13.05	--	16.65	--

### 3.4 Details on research publications

	International	National	Others
Peer Review Journals	205	19	--
Non-Peer Review Journals	--	--	--
e-Journals	--	--	--
Conference proceedings	18	6	--

### 3.5 Details on Impact factor of publications:

Range  Average  *h*-index  Nos. in SCOPUS

### 3.6 Research funds sanctioned and received from various funding agencies, industry and other organisations

Nature of the Project	Duration (Year)	Name of the funding Agency	Total grant Sanctioned (Rs. in lakhs)	Received (Rs. in lakhs)
Major projects	3 years (2015-18)	UGC	13.41	8.61
Minor Projects	2 years (2015-17)	UGC	16.65	12.725
Interdisciplinary Projects	--	--	--	--
Industry sponsored	--	--	--	--
Projects sponsored by the University/ College	--	--	--	--
Students research projects <i>(other than compulsory by the University)</i>	2016 - 17	TNSCST	0.10	0.10
	2016 - 17	UGC - BSR	0.30	0.30
	2016 - 17	ICHR	0.36	0.36
	2016 - 17	ICSSR	2.07	2.07
	2016 - 17	Directorate of Collegiate Education	0.36	0.36
Any other(Specify)	--	--	--	--
<b>TOTAL</b>			<b>24.525</b>	

3.7 No. of books published i) With ISBN No.  Chapters in Edited Books

ii) Without ISBN No.

### 3.8 No. of University Departments receiving funds from

UGC-SAP  CAS  DST-FIST   
DPE  DBT Scheme/funds

3.9 For colleges      Autonomy       CPE       DBT STAR Scheme   
    INSPIRE       CE

Any Other (specify)

3.10 Revenue generated through consultancy

3.11 No. of conferences / seminars /workshops organized by the Institution

Level	International	National	State	University/ Regional	College
<b>Number</b>	3	4	35	46	119
<b>Sponsoring agencies</b>	UGC, ICSSR, Management	UGC, DBT, Management	UGC, DBT	--	--

3.12 No. of faculty served as experts, chairpersons or resource persons

3.13 No. of collaborations      International       National       Any other

3.14 No. of linkages created during this year

3.15 Total budget for research for current year in lakhs :

From Funding agency       From College Management   
    Total

3.16 No. of patents received this year -- Nil

3.17 No. of research awards/ recognitions received by faculty and research fellows of the institute in the year

Total	International	National	State	University	Dist	College
5	--	4	1	--	--	--

3.18 No. of faculty from the Institution who are Ph. D. Guides   
    and students registered under them

3.19 No. of Ph.D. awarded by faculty from the Institution

3.20 No. of Research scholars receiving the Fellowships (Newly enrolled + existing ones)

JRF  SRF  Project Fellows

Any other (Science Academies' SRFP 2017)

3.21 No. of students Participated in NSS events:

University level  State level

National level  International level

3.22 No. of students participated in NCC events:

University level  State level

National level  International level

3.23 No. of Awards won in NSS:

University level  State level

National level  International level

3.24 No. of Awards won in NCC:

University level  State level

National level  International level

3.25 No. of Extension activities organized

University forum  College forum

NCC  NSS  Any other (Department)

### 3.26 Major Activities during the year in the sphere of extension activities and Institutional Social Responsibility

#### **NSS**

- The NSS units of Vellalar College for Women, Erode participated in the Nationwide Intensive-cleanliness campaign under “Swachhta Paakhwara” from 16.08.2016 to 31.08.2016
- Road Safety Awareness programme was conducted at Parimalam Mahal, Erode, on 30.08.2016 and 20 NSS volunteers participated
- A Seminar was organized on the topic “Cashless Transaction for Promoting Digital Economy” on 05.01.2017
- NSS Volunteers took Voter’s Day Pledge on 25.01.2017
- In connection with Founders Day, jointly with YRC and Vivekanada Blood Donars club, a Blood donation camp was organized. 64 units of blood were donated by the teaching, non-teaching staff members and the students to Government Hospital, Erode. Blood grouping camp was also conducted for students on the same day on 17.02.2017

#### **NCC**

- NCC cadets of Vellalar College for Women participated in Clean India Movement (Swatch Bharat Commomerating International Youth Day) on 12.08.2016, held at Therkupallam
- 40 NCC Cadets of Vellalar College for Women took Part in the “Digital Payment Awareness Rally” on 11.01.2017

#### **Departments**

- Breastfeeding Awareness Programme on 05.08.2016 (Foods & Nutrition)
- Canal restoration at Palayapalayam, Erode on 19.08.2016 (Commerce CA & E-Commerce)
- National Nutrition Week celebrated jointly with Integrated Child Development Services, at Erode on 01.09.2016 (Nutrition & Dietetics)
- Literacy Awareness for children of Narikuravar Community at Pichandampalayam, Erode on 03.09.2016 (Tamil)
- Awareness Programme on plastic pollution, child abuse, communicable disease and personal hygiene on 04.10.2016 (Zoology)
- Awareness Camp on Oral and Dental Hygiene for Govt. school children at Thindal on 04.01.2017 (Foods & Nutrition)
- Programme on Consumerism and Consumer rights on 14.02.2017 (Commerce)
- Activity on reading and listening skills (English), awareness program on the preservation of ancient artefacts (History), awareness on saving water (Economics), practical training in handling of lab instruments (Physics and Chemistry) and hands-on training on Photoshop (Computer Science) are given to students of Govt. High School, Thindal
- Training programme on setting up of Kitchen Garden, Organic Domestic waste Management for parents of students (Botany)

## CRITERION – IV

### 4. Infrastructure and Learning Resources

#### 4.1 Details of increase in infrastructure facilities

Facilities	Existing	Newly created	Source of Fund	Total
Campus area	11.17 acres	-	-	11.17 acres
Class rooms	115	16	Management	131
Laboratories	29	-	Management, DBT-STAR	29
Seminar Halls	4	-	-	4
No. of important equipments purchased ( $\geq$ 1-0 lakh) during the current year.	32	9	UGC-CPE, DST-FIST, DBT-STAR, EXAM FUND	41
Value of the equipment purchased during the year (Rs. In Lakhs)	-	48.60	UGC DST-FIST, DBT-STAR	48.60
Others:				
Auditorium	1	-	-	1
Water doctor	12	-	-	12
Solar Power System	2	-	-	2

#### 4.2 Computerization of administration and library

In college office, Annual accounts, financial statements, salaries received from the government, Provident fund, Arrear bills (excel format), Income Tax and Students attendance have been computerized. Software like e-payroll and Tally are being used. Hall tickets for the end semester examination can be downloaded online.

The library is fully automated with *Campes iLib software* which facilitate creation, storage, retrieval and management of bibliographic records, serials control, OPAC service, bar-coded circulation services and E-Gate registry which is used for entry and exit. Open Access System is followed. CCTV Surveillance system has been established in the entire library for security purpose.

Bandwidth is increased from 512 kbps to 2mbps in Digital Library. In addition to existing 18 connections, 3 more are added to enhance the access of e-resources available in DELNET and N-LIST under UGC-INFONET. 2667 users are registered in NDL (National Digital Library of India) which provides a single-window access with e-learning facility. Downloading and printing facilities are available.

#### 4.3. Library services

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books	70,113	Rs.1,27,02,058/-	2,169	Rs.8,70,030/-	72,282	Rs.1,35,72,088/-
Reference Books	2,189	Rs.41,91,828.43/-	172	Rs.4,49,041.19/-	2,361	Rs.46,40,869.62 /-
e-Books	30	-	-	-	30	-
Journals	137	1,74,644/-	3	Rs.17,637/-	140	Rs.1,92,281/-
e-Journals	9	29000/-		Not Renewed	-	-
Digital Database	2	21500/-	2	Rs.17,250/ (Renewed)	2	Rs.17,250/-
CD & Video	1607	10460	52	Free	1659	10460
Others(Specify)						
Thesis	157	-	33	-	190	-
Back Volumes	738	-	-	-	738	-

#### 4.4. Technology up-gradation (overall)

	Total Computers	No. of Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Others
<b>Existing</b>	832+11 Server	11	25Mbps	4	1	18	85	Smart Class Rooms – 33. LCD projectors in 14 labs
<b>Added</b>	18+1 Server	-	-	-	-	-	18+1 Server	
<b>Total</b>	850+12	11	25Mbps	4	1	18	103+1Server	Smart Class Rooms – 33. LCD projectors in 14 labs

#### 4.5 Computer, Internet access, training to teachers and students and any other programme for technology up gradation (Networking, e-governance etc.)

- 33 smart class rooms and 14 labs with LCD facilities for ICT enabled teaching and learning process
- Under Spoken Tutorial Project, IIT Bombay, tutorials in GIMP, Latex, Perl, Blender, Libre Office, C/C++, Java, Scilab, GeoGebra are conducted for the students
- Training classes are conducted exclusively for interested hostel students after the college hours in Photoshop and Flash
- Faculty Development Programme for teaching staff
  - Android Programming
  - FOSS through Spoken Tutorial
  - Online National Workshop on A-View through Amritha e-Learning Research Lab
- Training Programme for non-teaching staff
  - Linux server installation
- 125 Video Tutorials developed by the staff members
- 30 online exams conducted for self learning papers - Python, Perl, PHP and MySQL, SciLab examining 914 students
- Technology up gradation in various departments
  - Installation of Digimat Library by the Department of Mathematics to utilize the “Establishment of Knowledge Resource Center” with educational contents (offline resources)
  - Installation of LINUX OS in all the computers in Math lab to utilize free and virus free OS
  - Installation of Interactive Touch Board in the Departments of Chemistry and Botany

#### 4.6 Amount spent on maintenance in lakhs

(i) ICT	4.31
(ii) Campus Infrastructure and facilities	21.60
(iii) Equipments	5.60
(iv) Others	38.84
<b>Total</b>	<b>70.35</b>

## Criterion – V

### 5. Student Support and Progression

#### 5.1 Contribution of IQAC in enhancing awareness about Student Support Services

- Orientation about the rules, regulations of the college, objectives of the courses and activities given to freshers
- Students Grievances Committee is constituted to redress the grievances
- Display Board is placed to disseminate the information regarding academic and research activities
- Programmes conducted to enhance the leadership qualities of the students
- Add-on courses conducted by various departments
- Self Learning Papers for Advanced Learners
- Special camps are arranged for obtaining PAN Card, Driving License and Passport
- Issue of Academic Calendar to all the students
- Issue of Online Hall Tickets for Add-On Courses
- Motivate Students to access Open Education Resources

#### 5.2 Efforts made by the institution for tracking the progression

- Parents teachers meetings are convened periodically
- Alumni meet organized regularly
- Students Learning Outcome is measured based on Analytical and Critical thinking, Creative thinking, Attitude and Values, Self Awareness and Course related Learning measures
- Students achievements are recorded by respective departments
- Group Discussions and Seminars organised
- Remedial Classes conducted to the needy students
- CIA test, Model Examination and End Semester Examination results are analyzed to identify the progression of students
- Career Oriented Programmes conducted to enhance employment skills
- Mentoring activities monitored
- Online Feedback on Curriculum, Infrastructure and Faculty are obtained and analyzed

#### 5.3 (a) Total Number of students

UG	PG	Ph. D.	Others	Total
4701	884	54	89 (MPhil)	5728

(b) No. of students outside the state

(c) No. of international students

Last Year (2015-2016)						This Year (2016-2017)					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
136	403	12	4788	5	5344	161	425	9	4990	6	5585

Demand ratio: 6.13      Dropout % : 0.02

#### 5.4 Details of student support mechanism for coaching for competitive examinations (If any)

**Banking Service Coaching** conducted by  
Mr.Loganathan N,Trainer, Mullai Academy, Erode  
Mr.Tyron, Free Lance Trainer, Coimbatore  
Mr.Srinivasan E, Free Lance Trainer, Erode

No. of students beneficiaries

#### 5.5 No. of students qualified in these examinations

NET       SET/SLET       GATE       CAT   
IAS/IPS etc       State PSC       UPSC       Others

#### 5.6 Details of student counseling and career guidance

Through Placement Cell, programmes were conducted by professional trainers. Areas covered were Aptitude training, verbal training, technical training, soft skill training and English language training.  
*Eminent Training Experts were*  
Mr.Loganathan N,Mullai Academy, Erode  
Mr.Tyron, Free Lance Trainer, Coimbatore  
Mr.Srinivasan E, Free Lance trainer ,Erode

No. of students benefitted

## 5.7 Details of campus placement

<i>On campus</i>			<i>Off Campus</i>
Number of Organizations Visited	Number of Students Participated	Number of Students Placed	Number of Students Placed
12	324	162	80

## 5.8 Details of gender sensitization programmes

- Opportunities provided to Self Help Groups to exhibit and sell their products
- Women Studies, Women and Mass Media, Women and Law, Women Entrepreneurship in Small Scale Business are offered in the curriculum
- Rural and Urban Women trained on Entrepreneurship programmes
- Human chain formation in connection to Women's Day celebration
- Legal Awareness programme for rural Women
- As part of Gender Empowerment, programmes on Apiculture, Fabric Painting, Digital Banking and Cashless payment were organized
- Health awareness programme on "Save Uterus" was organized
- One day Certificate course on "First Aid Training" was conducted

## 5.9 Students Activities

### 5.9.1 No. of students participated in

	State/ University level	National level	International level
Sports, Games and other events	224	75	15
cultural events	98	-	-

### 5.9.2 No. of medals /awards won by students in Sports, Games and other events

	State/ University level	National level	International level
Sports, Games and other events	172	17	-
cultural events	84	-	-

### 5.10 Scholarships and Financial Support

Financial Support	Number of students	Amount(Rs.)
Financial support from institution	355	9,15,571
Financial support from government	1555	59,91,279
Financial support from other sources	125	75,50,371
Number of students who received International/ National recognitions	3	-

### 5.11 Student organised / initiatives

	State/ University level	National level	International level
Fairs	4	-	-
Exhibition	4	-	-

### 5.12 No. of social initiatives undertaken by the students

29

### 5.13 Major grievances of students (if any) redressed: No Major Grievance

## Criterion-VI

### 6. Governance, leadership and Management

#### 6.1 State and the Vision and Mission of the institution

##### Vision

- Empowerment of women through quality education

##### Mission

- To nurture human values through value-based education
- To provide educational opportunities to the rural backward and down-trodden women
- To make the first generation scholars globe-trotters and nation builders
- To address the major concerns of our society through new teaching, learning methodologies
- To transform the youth into excellent performers for national development

#### 6.2 Does the Institution has a Management Information system

No
----

#### 6.3 Quality improvement strategies adopted by the institution of the following

##### 6.3.1 Curriculum Development

- The progress-Oriented and innovative inputs and suggestions from the Governing body and Academic council formed the platform for the CDC. New student – friendly mechanism has been devised as the portal for the curriculum of various disciplines
- Feedback obtained from the stakeholders, teachers of our institution, guest lectures, students, alumni, industrial experts and parents has been set as the bench mark for framing the syllabus
- Special programmes were designed based on the corporate expectations

##### 6.3.2 Teaching and Learning

- Bridge Courses are organized to strengthen students and ensure that they are actually prepared for the course
- Well – furnished classroom with ICT facilities
- Students are encouraged to present/ publish papers and to avail research fellowships/project grants
- Teachers are sent for orientation/ refresher courses to update their knowledge in their respective fields and also encouraged to chair sessions of International Conferences
- Seminars/ Conferences / Symposium / Workshops are organized periodically in different disciplines on recent trends and developments
- Field Visits / Industrial Visits / Educational Tours are arranged

- Demonstration / Group Discussions / Remedial Teaching
- Soft Skills / Communication Skills are made integral part of the curriculum
- Online Assignment and e- Learning Materials are introduced to the students to make them Tech-savvy
- Digital Library available for research scholars and students

### 6.3.3 Examination and Evaluation

- Examination Cell is responsible for all examinations related matters
- Internal Assessment is based on Tests, Assignment, Seminar and Model examinations. The continuous internal assessment and its evaluation process are made transparent
- In End Semester Examinations, Central evaluation system is followed. Revaluation, retotaling and providing photo copy of the answer sheet are followed as per university norms. Results declared within the stipulated time
- Supplementary examinations are conducted for those candidates who have failed only in one theory paper of final semester. It enables the students to pursue higher studies or take up a job without the loss of academic year
- Online hall ticket for Add-on courses and self learning papers

### 6.3.4 Research and Development

- The Research committee headed by Principal, Co-ordinated by a senior faculty with representative faculties from various disciplines functions effectively
- The committee disseminates information on Conferences, funding assistance and encourages the faculty in their research publications
- The Research Committee meets at regular intervals to plan and monitor the research activities of the scholars
- Research cell guides and helps the faculty to apply for government funded projects
- Organized workshops, seminars for the guides and scholars to upgrade their research skills

### 6.3.5 Library, ICT and physical infrastructure / instrumentation

#### Library

- Equipped with Campus iLib, a user friendly software to organise, maintain information on Books, Journals and Circulation
- Bandwidth of 20 computers in Digital Library increased from 512 kbps to 2mbps
- Access to DELNET, INFLIBNET, N-LIST under UGC-INFONET and NDL (National Digital Library of India) which provide a single-window access with e-learning facility
- E-Gate registry used
- Closed Circuit Television facility available

## **ICT**

- Wi-Fi enabled campus with a bandwidth of 25 Mbps
- 33 smart class rooms and 14 labs with LCD facilities
- Internet Lab in the college and hostel
- Video Conferencing facility
- Interactive Board and Display Panel

## **Physical Infrastructure**

- Seminar Halls, Conference Halls, Auditorium with ICT facility
- Well equipped Laboratories, Math Lab, Central Research Laboratory, Communication Skill Centre, Food Processing and Preservation Centre, and Virtual Laboratory for Zoology practicals
- Printing Press established
- Gym cum Fitness centre, Internet Lab, Library, Bank with ATM facility, Canteen, and Parking area
- Basket Ball court and a vast Sports arena for other sporting activities

### **6.3.6 Human Resource Management**

- Anti-Ragging Committee constantly monitors and keeps vigil to curb ragging
- Orientation programme organized for new recruits
- Orientation and Bridge courses for the I year students
- Faculty Development Programmes conducted to enhance capacities of Faculty, Administrative and Supportive staff
- Systematic student mentoring and student counseling are augmented with Equal Opportunity Centre
- To fine-tune the skill sets of the students activities and programmes are chalked out by Career Guidance and Placement Cell
- Recreation programmes like Kids Fest, Staff Game Shows and Day outs organized for teaching, non-teaching and supportive staff

### 6.3.7 Faculty and Staff recruitment

- Well Qualified Faculty and staff recruited as per requirements
- Roster system followed for recruitments in aided stream

### 6.3.8. Industry Interaction / Collaboration

- Placement Cell - Infosys BPO Limited, Bengaluru
- Zoology – Gerophyta Health Care and Nutraceuticals, Illuppur, Pudukottai
- Computer Science – M/s MM Techno Solutions, Tiruchengode
- Commerce – Sri Maghesvare Tally Training Centre, Erode
- Computer Science, IT & CT - ACETECH, Tirupur and M/s MM Techno Solutions, Tiruchengode
- MCA – Effysis Technologies, Erode
- Commerce (CA) – Maruthi Educational Institutions, Gobi

### 6.3.9 Admission of students

- A help desk is setup during admission for providing information relating to admission process
- Admissions done as per the norms of Government and parent university. Admission Committee coordinates the admission process

### 6.4 Welfare schemes for

Teaching	<ul style="list-style-type: none"><li>• Transport to college through college buses at concessional rate</li><li>• Faculty Development Programmes</li><li>• Incentives for paper presentation and publication</li><li>• Travelling allowance for attending conference abroad</li><li>• Financial assistance to complete Ph.D work</li><li>• Tuition fees concession to the children</li><li>• Free Wi-Fi connectivity</li><li>• Medical Aid</li></ul>
Non Teaching	<ul style="list-style-type: none"><li>• Transport to college through college buses at concessional rate</li><li>• Tuition fees concession to the children</li><li>• Free Wi-Fi connectivity</li><li>• Medical Aid</li><li>• Bonus paid by management on Deepavali</li><li>• Sanction of Loan / Advance to the needy</li><li>• Free refreshments on all working days</li></ul>

Students	<ul style="list-style-type: none"> <li>• Part Time employment opportunity</li> <li>• Fees concession</li> <li>• Free education and hostel for state / national level players</li> <li>• Tuition fees concession for other sports students</li> <li>• Students Counselling Cell</li> <li>• Remedial coaching</li> <li>• Personality Development/ Skill Development programmes</li> <li>• Free Wi-Fi connectivity</li> <li>• Book Bank</li> </ul>
----------	---

**6.5 Total corpus fund generated** 2,80,87,013

**6.6 Whether annual financial audit has been done**      Yes       No

**6.7 Whether Academic and Administrative Audit ( AAA) has been done?**

Audit type	External		Internal	
	Yes/ No	Agency	Yes/ No	Authority
Academic	Yes	UGC Autonomous Review Committee	Yes	Internal Academic Audit Committee
Administrative	Yes	Performance Audit by AG Office	Yes	Internal Audit of Accounts

**6.8 Does the University / Autonomous College declare results within 30 days?**

For UG Programmes      Yes       No

For PG Programmes      Yes       No

**6.9 What efforts are made by the University/ Autonomous College for Examination**

- |   |
|---|
| <ul style="list-style-type: none"> <li>• Increase in the number of Online Examinations</li> <li>• Online publication of End Semester Examination results</li> <li>• Mark sheets and consolidated mark sheets are printed with six security features with digitized photograph of the students</li> <li>• Online Hall Tickets for Add-on and self learning papers</li> </ul> |
|---|

**6.10 What efforts made by the University to promote autonomy in the affiliated/ constituent college?** Not Applicable

**6.11 Activities and support from the Alumni Association**

- Contributed Rs.2 lakhs towards setting up of printing press
- Knowledge sharing by alumni through Association Meetings
- Generous contribution to the students for purchase of Tamil books and payment of fees
- Distinguished alumna working in educational Institutes/ Industries or Entrepreneur contribute to curriculum development as members of Board of studies

**6.12 Activities and support from the Parents- Teachers Association**

- Periodical Parents –Teachers meeting conducted
- Teachers give the feedback about their wards in the areas of curricular, co-curricular and behavioural aspects

**6.13 Development programmes for support staff**

- Support staff members given training on software pertaining to College office
- Personality Grooming Programme
- Linux server installation training

**6.14 Initiatives taken by the institution to make the campus eco-friendly**

- e-waste collected and handed over to a NGO – Olirum Erodu
- Use of non- conventional energy in the campus
  - Solar lights in the campus
  - Solar water heaters in the hostel
- Rain water harvesting system strengthened
- Incinerators for disposal of sanitary napkins
- Segregation and safe disposal of laboratory wastes
- Active functioning of Green Society, Enviro club and Bio Diversity Club in sensitizing and serving the community on environmental issue through outreach programmes
- Increasing Green cover through planting of more saplings by Green society and Enviro club
- Reverse Osmosis plant
- Grey water recycling
- Herbal garden

## Criterion – VII

### 7. Innovations and Best Practices

7.1 Innovations introduced during this academic year which have created a positive impact on the functioning of the institution. Give details.

- College recognized as a Nodal Resource Center for Spoken Tutorial project IIT Bombay
- Implementation of Spoken Tutorial subjects in curriculum as self-learning papers.
- Audio Visual Notice Board
- Talk on current challenges in science & opportunities for young students
- Awareness created among staff by organizing FDPs on Outcome Based Education and Blooms Taxonomy
- Online Students Feedback System on Teaching Learning process.
- Introduction of online hall tickets for Add on course and Skill Based Subjects
- Online examination for Spoken Tutorial, General Awareness and Non Major Papers.
- Improving soft skills of the student through training
- Improving teaching and technical skills of faculty by various programmes
- Placement training on Soft Skills and Aptitude Test

7.2 Provide the Action Taken Report (ATR) based on the plan of action decided upon at the beginning of the year

- Research publications of Staff members, iconic photographs of various events, activities of the college are collected and archived
- Conducted FDP on FOSS and 174 Spoken-Tutorial workshops have been organized for the students strength of 15530. Two computer labs promoted as FOSS labs
- Conducted environment related outreach programmes through NSS, Enviro Club and Green Society
- Released Handbook for Web Sites related to Teaching, Learning and Research
- Conducted National and International Conferences/ Workshops/ Seminars

7.3 Give two Best Practices of the institution

#### **Best Practice-I**

#### **Titles of Practice: Ice Breakers**

#### **Objective of the practice**

- Give vent to students' interpersonal skills.
- To develop their insight and assenting attitude towards English Language.

#### **The Context**

- To tap out the potentials of the youngistans and to develop a farsighted vision in their language.

- Fostering innovative and creative thinking.

### **The Practice Planning**

- Video clippings are screened to kindle their confidence and to bring out their innate talents
- Word games are conducted to promote their cognitive thinking

### **Problems Encountered**

- Difficulty in understanding unfamiliar accents
- Low self-esteem, prejudice against language makes them distorted in comfortable communication

### **Evidence of Success**

- Coherent organization of information at sentence and discourse levels
- Enhanced Communicative skills
- Providing multiple exposures to new words

### **Best Practice-II**

#### **Title of the Practice: Remedial Coaching.**

**Goal** To facilitate students from various backward classes of different learning difficulties by adopting appropriate teaching methods and materials.

#### **Context**

Being first Generation learners, many of our students suffer from a lack of rudimentary knowledge of any given subject. It makes the teaching process unduly difficult. Remedial coaching steps in to complement what they already know with what they should know and identifies the weak areas of the learners.

#### **Practice**

This facility is primarily for the SC, ST, OBC students. The students are given coaching after college hours. It is a conglomeration of stimulating strategies, closer supervision and individual attention to reinforce their learning. They are motivated to use book bank books for reference.

#### **Evidence of Success**

Most of the students belong to the formative stage academically. It has also been observed that some students of our target communities have excelled in the University Examination. Besides a good number of these students have got admitted to PG Courses.

#### **Problems Encountered**

Resources required for the scheme was funded by the UGC till the academic year 2012-2013. Faculty members carry on the services even after financial aid from the UGC was stopped. This selfless gesture from the teachers made remedial coaching one of our best practices.

#### 7.4 Contribution to environmental awareness / protection

- The College constantly seeks to promote the Care of environmental resources.
- E-waste management initiatives
- Rain water harvesting
- Energy efficient lighting
- Herbal garden
- Separate waste baskets for class rooms to dispose plastic and paper waste
- Training programme on setting up of Kitchen Garden, Organic Domestic waste Management for parents of Botany students
- Canal restoration at Palayapalayam, Erode
- Awareness Programmes on plastic pollution, communicable disease and personal hygiene
- Awareness programmes on the preservation of ancient artefacts, awareness on saving water

7.5 Whether environmental audit was conducted? NO

7.6 Any other relevant information the institution wishes to add.(for example SWOT Analysis)

#### **Strengths**

- Wi- fi enhanced campus
- Education at affordable fee structure
- Eco-friendly campus with beautiful surroundings
- DBT-STAR, DST-FIST Sponsored College
- Library with large collection of books and E base facility
- Good infrastructure, Physical facilities and Research ambience
- Counseling for students at both formal and informal levels, well-structured mentoring system
- Research thrust through activities like research projects
- Excellent sports infrastructure and coaching leading to National and State level sports achievements
- Scholarships and financial aids to students from marginalized and economically deprived section
- NCC unit with 54 cadets
- Four NSS units with 400 volunteers
- Adequate lab facilities for academic purpose
- Central Research lab for advanced research facilities

### Weakness

- Lacking consultancy services
- Insufficient Institutional / Corporate collaborations
- Faculty & Student Exchange programmes
- Lack of Patents and IPRs

### Opportunity

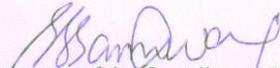
- Excellent Academic environment
- Research and innovation
- Add-on and value based courses
- Digital classrooms
- Coaching for the JAM, NET/SET, ICWA, CA, and other competitive exams

### Challenges/threats

- Churning more students into Entrepreneurs
- Education to the socially and economically backward first generation learners to bring into the main stream
- Patents and Technology Transfers

### Future Plans

- To undertake socially relevant Major Research Projects, Consultancy, and Women Oriented Extension Activities.
- To establish Multimedia & Image Processing Lab for research activities.
- To setup Pharmacognosy Lab
- To develop Multimedia Learning Materials – Department wise
- To promote FOSS among Learners to facilitate migration to cost effective Open Source Environment.
- To setup full-fledged Intranet for the campus
- To obtain STAR Status for the departments participating in STAR College Scheme
- To apply for more funded workshops / conferences/ seminars

  
Signature of the Coordinator, IQAC  
CO ORDINATOR IQAC  
VELLALAR COLLEGE FOR WOMEN,  
(AUTONOMOUS)  
THINDAL (PO), ERODE- 12

  
Chairperson, IQAC  
PRINCIPAL  
VELLALAR COLLEGE FOR WOMEN (AUTONOMOUS)  
ERODE - 12

**ANNEXURE - I**  
**TORRENT OF ACTIVITIES 2016-2017**  
**HIGHLIGHTS**

<b>Date</b>	<b>Events</b>	<b>Organizing Department / Cell</b>
14.06.2016	FDP on Android Programming	IQAC
16.06.2016	Freshers' Meet / Parents' Meet	All Departments
20.06.2016 to 22.06.2016	Bridge Course for I year Students	English (SF)
21.06.2016	International Yoga Day	College Union, NCC
21.06.2016 & 22.06.2016	Bridge Course for I year Students	English (Aided)
23.06.2016 & 24.06.2016	Bridge Course for I year students	Tamil (SF)
23.06.2016	Payirtchi Pattarai (Workshop)	Tamil (Aided)
24.06.2016	Orientation on Value Added Courses for I and II year UG Students (SF)	BBA (CA)
24.06.2016	International Day of Drug Abuse and Illicit Trafficking	Corporate Secretaryship and Co-operation
28.06.2016	Bridge Course for I year students	Tamil (SF)
05.07.2016	One Day Workshop on Application of SPSS in Research – An Introduction	Commerce(CA)
14.07.2016	College Union Inauguration (Aided Stream)	College Union
16.07.2016	Retraining Programme for Teachers on High Performance Liquid Chromatography .	Botany(Aided)
19.07.2016	Union Inauguration (Unaided)	College Union
20.07.2016	Workshop on Leadership Skills (for Union Office Bearers)	College Union
21.07.2016	Ph.D.Viva-Voce Examination, Research Guide and Supervisor: Dr.D.Kamalaveni Name of the Candidate: Mrs.R.Parvatham	Commerce (Aided)
21.07.2016	Bridge Course for Freshers	Computer Technology (IT and CT)
22.07.2016	One Day Seminar on “ Leadership Styles for Library Professionals”	Library and Information Science
22.07.2016	Workshop on Tally 9.0	BBA(CA)
25.07.2016 – 29.07.2016	Conduct of CIA TEST- 1	
25.07.2016	Guest Lecture Programme on “Bridging the Gap: College and Corporate”	Computer Technology (IT and CT)
25.07.2016	Special Meeting on “Careers in Chemistry”	Chemistry
26.07.2016	Special Address on “The importance of English as the	English and Literary

	International Medium of Communication”	Association- Lingo & Linquest
26.07.2016	Meeting on “Food for Brain”	Nutrition and Dietetics
26.07.2016	Meeting on “Diabetes and its management”	Zoology
28.07.2016	Guest Lecture on “Matlab and its Applications” and Hands on Training on “Matlab and its Applications”	Physics (Aided and SF)
28.07.2016	Lecture on “Entrepreneur – A New Approach”	Corporate Secretaryship
29.07.2016	“A Chat with an Entrepreneur”	BBA(CA)
04.08.2016	Meeting on “Insight into Tax Provisions on House Property and other Sources”	Commerce (CA)
04.08.2016	UGC Sponsored Retraining of Teachers on “Statistical Data Analysis- An Introduction”	Maths (Aided)
04.08.2016	“Voices on the Air”	BBA(CA)
05.08.2016	Meeting on “Enriching Employability”	Commerce(SF)
05.08.2016	Nutri-bloom - World Breast Feeding Week Celebrations – Awareness on Breast Feeding	Foods and Nutrition
06.08.2016	Pesum Kalai Valarkkum Payilarangam [Workshop on Oratorical skills]	Tamil (Aided) – Velichangal
06.08.2016 & 07.08.2016	Two day Workshop on “Analysis”	Mathematics (SF) – JI Math Association
10.08.2016	Meeting on "Genesis of Drama”	English (SF)
11.08.2016	Mathemagic Association Meeting on “Mathematics and Values”	Mathematics (Aided)
11.08.2016 & 12.08.2016	UGC Sponsored Two day workshop on “Emerging Theories in ELT”	English (Aided)
11.08.2016	One day workshop on “Analytical and Molecular Techniques in Biology”	Botany (Aided)
11.08.2016	World Breast Feeding Week Celebration – invited talk on “Breast Milk - the Best Milk ”	Nutrition & Dietetics (Aided)
12.08.2016	Library Awareness Programme – Librarians’ Day Celebration	Library and Information Science
12.08.2016	TYCOON – BRILLIANZ 2016- Explore Your IQ (An Inter-school Quiz Competition for Higher Secondary Students)	BBA (CA)
12.08.2016	Bio-Fest – 2016, Intra Collegiate competition, International Youth day celebration	Biochemistry (SF)
12.08.2016	Motivation Programme	Computer Science (SF)
12.08.2016	Brilliantz 2016 - Inter School Quiz Competition for Higher Secondary Students	BBA (CA)
13.08.2016	Special Lecture on Women, Law and Legal Advocacy	Corporate Secretaryship (SF)
15.08.2016	70 <sup>th</sup> Independence Day Celebration	College Union

16.08.2016	One day Workshop on “PC Hardware and Troubleshooting”	Computer Applications
17.08.2016	UGC Funded National Seminar on “Novel Food Processing Technologies for enhanced nutrition security”	Nutrition & Dietetics (Aided)
17.08.2016	One-day UGC Sponsored Guest Lecture Programme on “Energy Management”	Physics (Aided)
18.08.2016 & 19.08.2016	Workshop on Fashion Illustration	Costume Design and Fashion
19.08.2016	Programme on Consumer Awareness	College Union & Citizen Consumer Club
19.08.2016	Tamil Association – Special Meeting	Tamil (Aided)
19.08.2016	Guest Lecture on Photochemistry and Stereochemistry	Chemistry (Aided)
19.08.2016	Extension Activity: Canal Restoration at Palayapalayam, Erode	Commerce (CA) and E-Commerce(SF)
20.08.2016	Workshop on Aari Work	Costume and Fashion Design
22.08.2016 – 29.08.2016	Conduct of CIA TEST - 2	
23.08.2016	Ph.D. Public Viva Voce Examination Supervisor: Dr.D.Bhagyathara Name of the Candidate: Ms.N.Subashini	English (Aided )
24.08.2016	Guest Lecture on “Trade Cycle – An Economic Phenomena”	Commerce (SF)
24.08.2016	Ph.D. Public Viva Voce Examination Name of the Supervisor: Dr.C.Suseela Name of the Candidate: Mrs.A.F.Lilly	History
24.08.2016	Guest Lecture on Diagnosis and Treatment of Breast and Cervical Cancer	Zoology
24.08.2016	Workshop on Android	Computer Science (SF)
26.08.2016 to 29.08.2016	Workshop on Pleated Pant Construction	Costume and Fashion Design
27.08.2016	Jl – Math Association - Special Meeting on “Career behind Mathematics”	Mathematics (SF)
29.08.2016	One Day Workshop on Electronic Banking: Prospects and Procedures	Commerce (Aided)
31.08.2016	Guest Lecture on “Mean Media Marketing ”	E-Commerce
01.09.2016	INSIGHT 2016 Intra – Collegiate Meet	BBA (CA)
01.09.2016 to 02.09.2016	Workshop on Crochet Jewellery	Costume and Fashion Design
01.09.2016	Extension Activity, Celebration of Nutrition Week, Awareness on Anaemia	Commerce (SF)
01.09.2016	UGC Funded Extension Activity, Celebration of National Nutrition Week	Nutrition & Dietetics

06.09.2016	Bharathiar Death Anniversary Singing Competition	Tamil (Aided and SF)
03.09.2016	Extension Activity on Literacy Awareness for Children of Narikuravar Community	Tamil (Aided)
07.09.2016 to 09.09.2016	College Bazaar - An exhibition-cum sale of SHG products	Commerce (Aided)
08.09.2016	Inspection Commission – Tamil, for permanent increase in intake of M.Phil/Ph.D courses	Tamil
08.09.2016	Guest Lecture on “Mechanics of Trading in Secondary Market”	Commerce (SF)
08.09.2016 & 09.09.2016	UGC Sponsored Two day Seminar on Recent Trends in the Applications of Mathematical Sciences	Dept. of Mathematics (Aided)
09.09.2016	UGC Funded Guest Lecture on “New Paradigms in Computing”	Computer Science (Aided)
09.09.2016	Special Meeting on “Naatupura Marabugalum Panpaadugalum”	Tamil (Aided)
10.09.2016	UGC Funded Guest Lecture on “Pattern Recognition at a Glance”	Computer Science (Aided)
10.09.2016	Workshop on Aari Work	Costume Design and Fashion
13.09.2016	Silver Jubilee Celebrations – Music Fiesta Malliseri Orchestra & Airtel Super Singer Finalist, Ms.Mallavika	BBA (CA)
14.09.2016 & 15.09.2016	UGC Sponsored Guest Lecture “Competitive skills in Linear Algebra ”	Mathematics (Aided)
14.09.2016	One Day Workshop on Personality Development	Mathematics (SF)
14.09.2016	Hindi Day Celebration - Essay Competition: 1. Swatch Bharat Abhyaan 2. Digital India	Dept. of Hindi
17.09.2016	Workshop on Aari Work	Costume Design and Fashion
19.09.2016 & 20.09.2016	Corporate Mall – 2016	Corporate Secretaryship
19.09.2016 to 23.09.2016	A Short term Training Programme on Fruit and Vegetable Preservation and Nutrition	Foods and Nutrition
20.09.2016	Guest Lecture on “Anthropogenic Act and Environmental Transition”	Zoology
20.09.2016	Special Meeting on Vector Calculus from Physicist’s Perspective	Physics (SF)
21.09.2016	Inter collegiate Meet - Cyber Expo – 2016	Computer Science
21.09.2016	Mathclub Lecture Series - Lecture II on “Linear Algebra”	Mathematics (Aided)
21.09.2016	Ph.D Public Viva-voce Examination	Tamil (Aided)

	Supervisor and Guide: Dr.R.Nirmaladevi Name of the Candidate: Mrs.P.Prabavathi	
22.09.2016 & 23.09.2016	International Seminar on “Current Environmental Issues and Measures of Mitigation: A Multidisciplinary Approach”	Chemistry & Zoology
26.09.2016	Intercollegiate Meet – SCINTILLANT	Physics (Aided &SF)
26.09.2016	Health Awareness Programme	Computer Science (SF)
26.09.2016	Special Meeting on Skill Development and Capacity Building	Commerce (CA)
27.09.2016	Meeting on Nonlinear Optics & Nano Photonics	Physics (SF)
27.09.2016	Special Meeting on “English Skills, No Compromise”	English (SF)
29.09.2016	Eye Camp – Vasam Eye Care, Erode	Biochemistry
30.09.2016	Workshop on Professional Skills for a Blooming Career	Commerce (CA)
01.10.2016	UGC sponsored Orientation and Retraining Programme for Teachers on Usage of Computer in Tamil	Tamil
01.10.2016	Workshop on SPSS	Library and Information Science
01.10.2016	Workshop on Aari Work	Costume Design and Fashion
04.10.2016	Meeting on Society and Cooperatives	Co-operation
04.10.2016	UGC –Funded Guest Lecture Programme	Nutrition & Dietetics
07.10.2016	.K.Chinnasamy Arakkattalai Oratorical Competition	Dept. of Tamil
13.10.2016- 21.10.2016	Conduct of Model Examinations	
14.10.2016	Ph.D Viva voce Examination Supervisor and Guide: Dr.P.Karthika Name of the Candidate: S.Kalai Selvi	Dept. of History
15.10.2016	Workshop on Aari Work	Costume Design and Fashion
15.10.2016	Commemoration of 85 <sup>th</sup> Birth Anniversary of Dr.A.P.J.Abdulkalam, - Youth Awakening Day, Tree Plantation, Venue: Eenjampalli	Commerce (CA) and E-commerce
20.10.2016	Online A-VIEW Video Conference Training for faculty members (Funded by MHRD, Developed by Amrita University, Co-ordinated by IIT Bombay)	All Departments
20.10.2016	Hindi Handwriting Competition	Dept. of Hindi
22.10.2016	Workshop on Aari Work	Costume Design and Fashion
31.10.2016	Ph.D.Viva-Voce Examination, Research Guide and Supervisor: Dr.K.S.Eswari Name of the Candidate: Mrs.M.Kalaivani	Commerce (Aided)
05.11.2016	Graduation Day	College Union
21.11.2016	Ph.D Viva-Voce Examination, Research Guide and Supervisor: Dr.S.Kalaiselvi Candidate: Mrs.Roopa Santh Lakshmi	Commerce (Aided)

29.11.2016	Personality Grooming Programme for Non- teaching Staff	College Union
02.12.2016	Special Meeting on Aptitude Training	English (SF)
02.12.2106	Soft Skill Training Programme	English (SF)
05.12.2016	Ph.D Viva-Voce Examination Research Supervisor & Guide : Dr.Radhika Priyadharshini Name of the candidate : Ms.N.Hema	English (Aided)
09.12.2016	Ph.D Viva-Voce Examination Research Supervisor & Guide: Dr. N.P.Kalaivani Name of the Candidate : Ms.P.K.Gomathi	English (Aided)
10.12.2016	Aptitude Test Training	English (SF)
14.12.2016 to 16.12.2016	Student Enrichment Programme	College Union
14.12.2016to 16.12.2016 19.12.2016& 20.12.2016	Certificate Programme in Yoga for all I UG students	Tamil
17.12.2016	KaniTamil Peravai Inauguration	Tamil
20.12.2016	Awareness Programme for Staff members on Financial Literacy-Cashless Economy	College Union
22.12.2016	Math Expo	Mathematics(SF)
23.12.2016	Swachhata Mobile Application Awareness Programme	College Union
23.12.2016	Finance Literacy-Cashless Economy Awareness Programme for Students	College Union
28.12.2016	R – Programming Tool	Computer Applications
29.12.2016& 30.12.2016	UGC Sponsored Guest Lecture on Logical Reasoning approaches for online examination	Botany
30.12.2016	Meeting on Campus to Corporate – A Paradigm Shift	Commerce(SF)
05.01.2017	Guest Lecture Programme on “e-Office Management System with Tally”	E-Commerce
07.01.2017 – 08.01.2017	UGC-CSIR NET/SET Coaching Commences	Mathematics (Aided& SF)
09.01.2017	Ph.D Viva-Voce Examination, Research Guide and Supervisor: Dr.S.Kalaiselvi Name of the Candidate: Mrs.S.Parimala	Commerce (Aided)
10.01.2017	Live Session on “Nobel Prize Series India” organized by DBT, Gujarat	DBT Funded Science Department
10.01.2017& 11.01.2017	Two-day UGC Sponsored Guest Lecture Programme on “Numerical Aptitude & Critical/Analytical/Verbal Reasoning”	Physics (Aided)
10.01.2017& 11.01.2017	Tycoon’s Trade Temptations - Sales Expo	BBA (CA)
10.01.2017&	Fashion Dallah – 2017	Costume Design and

11.01.2017		Fashion
12.01.2017	Pongal Celebration by all the students	College Union
19.01.2017- 25.01.2017	Conduct of CIA Test -1	
25.01.2017	Ph.D Viva-Voce Examination, Research Guide and Supervisor: Dr.N.P.Kalaivani Name of the Candidate: Mrs.T.Panimalar	English
26.01.2017	68 <sup>th</sup> Republic Day	College union
27.01.2017	Guest Lecture on “Research Design and Report Writing”	Commerce (Aided)
30.01.2017	Special Meeting on “Nuture the Nature for Safe Future”	College Union
03.02.2017	UGC Funded One Day State Level Symposium on Legal Rights of Women	History
07.02.2017	Guest Lecture on “Microbes in Environment”	Botany
07.02.2017	One Day National Symposium on "Demonetisation: A Transition to Cashless Economy"	Commerce (SF)
08.02.2017	Ph.D Viva-Voce Examination Research Guide and Supervisor: Dr.S.K.Jayanthi Name of the Candidate: Ms.S.Sasikala	Computer Science (Aided)
09.02.2017	National Conference on Current Scenario in the Applications of Mathematical Sciences	Mathematics (SF)
10.02.2017	Cervical and Breast Cancer Screening Camp - Bio-Health Club in Association with Sri Ramakrishna Hospital, Coimbatore	Bio-chemistry
10.02.2017	ICSSR Sponsored International Conference on Digital India: New Perspectives in Management of Technology and Innovation	Commerce(CA)& E-Commerce
10.02.2017	Meeting on Indian Business Practices in Globalised Scenario: Does it Need a Policy Change?	Commerce(Aided)
10.02.2017	Meeting on “Make in India: Issues and Challenges”	Commerce(Aided)
11.02.2017	47 <sup>th</sup> Sports Day Celebration	College Union
14.02.2017	Exousia 2K17	Computer Science(SF)
16.02.2017	Importance of Kitchen Gardening	Nutrition and Dietetics
17.02.2017	Inter Collegiate Meet- SOCH-2K17	Hindi
20.02.2017- 24.02.2017	Conduct of CIA Test - 2	
21.02.2017& 22.02.2017	Two Day Workshop on “Microprocessor – 8085”	Physics
24.02.2017	DBT (STAR College Scheme) funded Special Meeting	Botany
24.02.2017	Hands – on – Training on e-Wallet	Corporate Secretaryship
25.02.2017& 26.02.2017	Two Day UGC NET/SET Orientation Programme	English (Aided)
25.02.2017	Special Meeting on “Research and Job Opportunities for Physics Students”	Physics (Aided)
25.02.2017	National Symposium on “Computational Approaches in Biological Sciences”	Participating Departments -DBT

		Star College Scheme
25.02.2017	Nutri Bloom - Guest Lecture on Prospects on Organic Farming	Foods and Nutrition
27.02.2017	FDP on "Bloom's Taxonomy & Outcome Based Education"	IQAC
27.02.2017	Workshop on Fast Reading and Memory Techniques for all First UG Students	Library and Information Science
09.03.2017	Meeting on India @ 2020 and You	College Union
10.03.2017	ZOOPPA '17 - Intra-collegiate Feast	Computer Applications
10.03.2017	UGC Funded One Day Workshop on Pan Card and E-filing of Returns	Commerce
15.03.2017	College Union Valedictory	College Union
18.03.2017	47 <sup>th</sup> Annual Day	College Union
20.03.2017-28.03.2017	Conduct of Model Examinations	
31.03.2017	Workshop for Research Scholars and Supervisors of Science Departments	Research Committee
03.04.2017	Ph.D. Public Viva-Voce Examination Research Guide and Supervisor: Dr.Radhika Priyadarshini Name of the Candidate: Ms.S.Gomathi	English
05.04.2017	Meeting for Research Scholars and Supervisors of English Department	Research Committee
06.04.2017	Meeting for Research Scholars and Supervisors of Commerce Department	Research Committee

## Annexure II

### **CURRICULAM FEEDBACK ANALYSIS (AQAR 2016-2017)**

As per the statement of the Father of Management Science Peter Ducker “**Anything that is measured improves**”. Hence receiving feedback from the stake holders is a best practice performance, management to critically ascertain the level of functioning of any system and to explore the possible means of further improvement.

To ensure such critical analysis of the performance, our institution receives feedback from various stake holders like students, parents, alumni and industry participants. It is obtained in various aspects such as course content of the curriculum, understandability of the course, how far the curriculum helps to promote research culture and how it helps to ensure collaborative learning and career.

In general the students as well as alumni have expressed their highest degree of satisfaction regarding the curriculum and teaching methodology. Necessary new inputs and modifications are incorporated as per the suggestions provided by the stakeholders. Effective measures are taken to ensure that graduates suitable for higher studies and research as well as industry. Anticipations are produced as the outcome of our well designed curriculum.

#### **Student’s feedback**

Online feedback was obtained from all the UG & PG students’ enclosing various parameters.

#### **Views on the curriculum**

#### **Source of the study material**

Nearly 70% of UG students were found to be comfortable with conventional classroom teaching and prefer the materials provided by teachers. The rest particularly from Computer Science, IT, CT, N&D, History students equally refer Books, Journals, e-sources etc.

#### **➤ Course content of the curriculum**

About 75% of PG & 60% of UG students were of the opinion that the course content of the curriculum is of high standard. The rest of the students felt that the course content is adequate and moderate.

#### **➤ Modification of the syllabus**

Nearly 60% of UG learners have the opinion that the course content had helped them to reach the goal to a great extent. 70% of the PG students felt that the course content ensured them to exceed in research culture, personality development as well as collaborative learning.

➤ **Understandability of the course**

Majority of the UG & PG students from all departments express their ease in understanding the course content. Only about 5% of students had felt that it was somewhat difficult to understand.

**Views on Infrastructure**

➤ In general all the stake holders had expressed their happiness and satisfaction regarding the quality of infrastructure provided in the campus. This includes the facilities of Auditorium, Conference / Seminar halls for organizing various programmes, Laboratory facilities, Availability of Library resources and Internet connectivity.

➤ Canteen facilities that needed improvement as per the previous year feedback were found to be satisfactory this year.

As per the suggestions received regarding the areas where improvement is expected, necessary steps will be taken to rise up to expectation.